

The University of Manchester Library Content Development Policy Chemistry

Monday, 30 April 2012

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Introduction

This document presents the Content Development Policy for the School of **Chemistry** and includes a description of the Library's existing collections and an outline of current collecting areas.

Set within the context provided by an overall [Content Development Policy](#) and a related [Collection Management Policy](#), its purpose is to ensure that the selection of resources - books, journals, and other kinds of material – whether print, electronic or other format, reflect the teaching and research priorities of the School and provide best value in both financial and academic terms.

Collection evaluation

The Library has very extensive collections in the subject of chemistry specifically, and in all related fields of study. The resources that make up the collections comprise books and journals in print and electronic format, and bibliographic and reference databases. The principal collections of printed books in chemistry, and in the physical sciences generally, are located in the Main Library, with subsidiary collections (primarily supporting chemical engineering) located in the Joule Library, Sackville Street Building on the North Campus.

Core chemistry books are shelved at 540 – 548 inclusive. However, as chemistry is widely regarded as the 'central' science, the Library's collections in mathematics, physics, the biosciences, and the pharmaceutical sciences are also directly relevant to both undergraduate and postgraduate study in chemistry.

The Library also has substantial special collections in the history of chemistry, including alchemy. These collections are held in Library's Special Collections division at Deansgate. Significant among the printed book holdings are the *Partington Collection* (the history of chemistry), and the *Smith Memorial Collection & Schunck Library* (19th century chemistry and the chemistry of colours and dyes). Relevant manuscript holdings include papers and records relating to Joseph Black, John Dalton, Sir Henry Roscoe and George Burckhardt.

Appendix 1 provides an overview of the chemistry bookstock by classmark, date of publication, and location.

Appendix 2 lists the books purchased from the chemistry bookfund during the 2009-2010 financial year, excluding items purchased as part of other subscriptions.

Appendix 3 lists journals held in the JRUL relevant to chemistry. This is not a comprehensive list, but is intended to reflect the breadth of the journal collection in support of chemistry. However complete journal holdings and subscriptions are listed in the Library catalogue, and all subscriptions to electronic journals are listed in the Library's E-Journals A-Z listing.

Appendix 4 lists other relevant subscriptions to bibliographic databases and book collections in relevant areas of study.

Bookfund and resource allocations

Bookfunds are allocated in June/July each year for the following financial year (August – July). This bookfund is to provide for all non-subscription library materials including printed textbooks and research monographs, electronic books, and any other one-off purchase requirements.

Journals and other subscription items are purchased from a separate fund which at present accounts for over 85% of the cost of all purchases.

Collection areas

To support the School's scholarly and research activities the Library will acquire extensive material published in all the broad areas of chemistry listed below in alphabetical order:

- Analytical chemistry
- Biological chemistry
- Environmental chemistry
- History of chemistry
- Inorganic chemistry
- Materials chemistry
- Nanoscience
- Organic chemistry
- Physical chemistry
- Theoretical chemistry

Document Supply Service and Inter-Library Loans

Although the Library will try to accommodate all requests for purchase, books which lie outside the areas listed above or are out of print can be obtained on loan from another library through the [Document Supply Service](#). However, every effort will be made to obtain out-of-print or obscure titles relevant to research or study in the school. Books obtained on inter-library loan are usually borrowable for up to 6 weeks at a time. Journal articles and other material not available from within the Library's collections can also be obtained through this service.

Teaching and Learning

The Library will support all taught course modules.

Multiple copies and / or electronic copies of texts will be purchased or subscribed to as appropriate. Subject to copyright restrictions the Library will digitise materials, for instance book chapters, or journal articles not otherwise available electronically, if required for taught course modules.

Reading lists and estimated student numbers should be sent to the Faculty Team Librarian by **July 31** and **November 30** each year so any new material can be purchased and processed in time for the forthcoming semester.

The Library's software package [Link2Lists](#) affords the opportunity of creating multi-media **resource lists**. Hyperlinks to audio files, video clips, podcasts and the like can all be included in a resource list alongside traditional bibliographic references to print material, e-books and journal articles, which can link directly through to entries in the Library catalogue. Library staff can provide training and support to academic staff interested in using Link2Lists software (rather than a traditional word processing package), and embedding resource lists into Blackboard courses

Reading list texts can be 7-day loan or put into the [High Demand Collection](#) from where they can be borrowed for shorter periods, but past experience has shown that normal loan (28 days for undergraduates) is the preferred and most effective option for chemistry texts.

Digitisation

Subject to copyright restrictions the Library will digitise material according to its [Digitisation Policy](#). Priorities include reading list items – book chapters or journal papers – and items from Special Collections.

Manchester e-Scholar

The University's institutional repository, [Manchester eScholar](#), manages and disseminates the intellectual outputs of the university. Since the beginning of 2010 all accepted PhD theses have been added to the repository.

Stock editing

Most stock is kept on the Library's open shelves. As space is at a premium, especially in the Main Library, periodic weeding is used to remove less-well used material to store from where it can be retrieved usually within one working day. [[Store requests](#)]

Unused duplicates are disposed of from time to time.

Weeding and withdrawal criteria are described in the [Collection Management Policy](#)

Donations

Offers of donations are welcome, but they can normally only be considered for acceptance if they are within the collection areas detailed above.

Other factors taken into account in deciding upon acceptance are listed in the [Collection Management Policy](#).

Recommendations

The Library welcomes recommendations for the purchase of books from staff and students of the School. Purchases are normally made if:

- Recommendations fall within the scope of the policy as described above;
- Funds are available;
- The item is not already in stock.

Usually:

- Only a single copy only of a printed book is purchased;
- Books must normally be written in English;
- They must be of an appropriate academic standard.

For reading list texts, multiple copies and electronic versions will be considered as appropriate. For chemistry titles that are in particularly heavy demand, the Library will purchase multiple print copies *in addition to* an electronic version (if available).

Recommendations can be made directly to the Faculty Team Librarian, or by filling in [this form](#).

Journal recommendations are considered twice a year in **March** and **November**. Because of the forward financial commitment involved journal subscriptions usually have to be balanced by savings elsewhere in the subscription budget. Recommendations should be made through the School Library Representative

Contacts

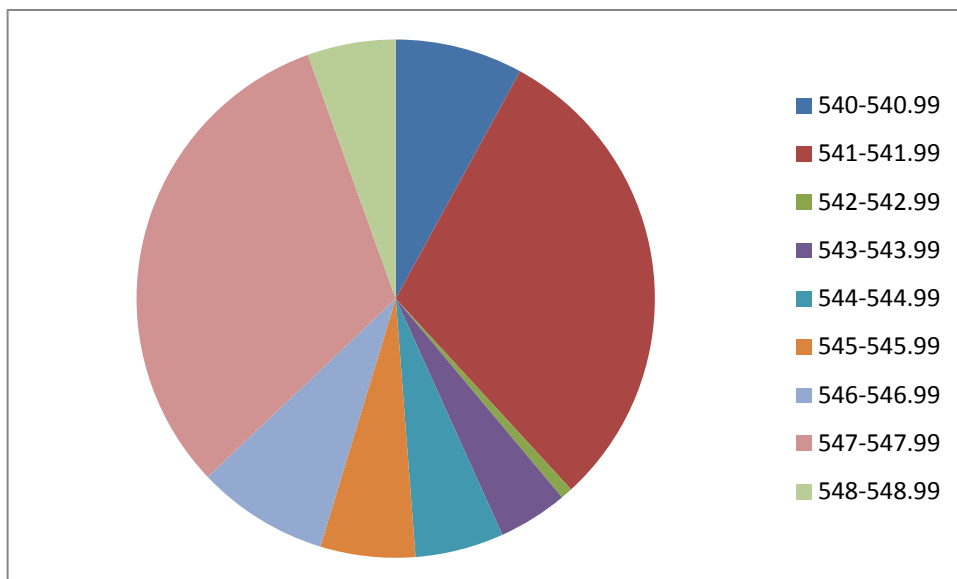
Faculty Team Librarian for Chemistry; Chemical Engineering & Analytical Science: John Blunden-Ellis
0161-275-8729
j.blunden-ellis@manchester.ac.uk

School of Chemistry, Library Representative: Professor Jonathan Connor, Professor of Theoretical Chemistry and Chair of the School of Chemistry Library Committee.

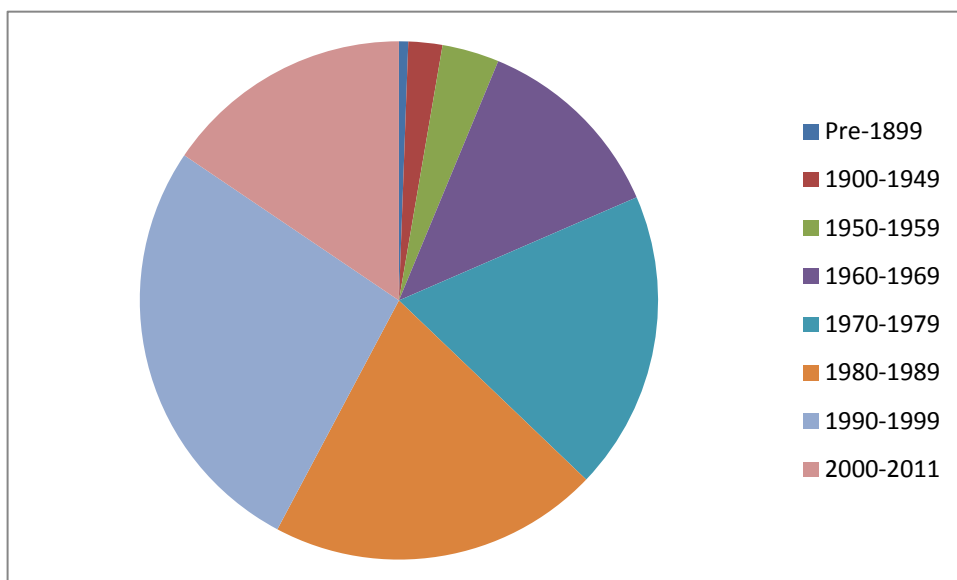
Appendices

Appendix 1

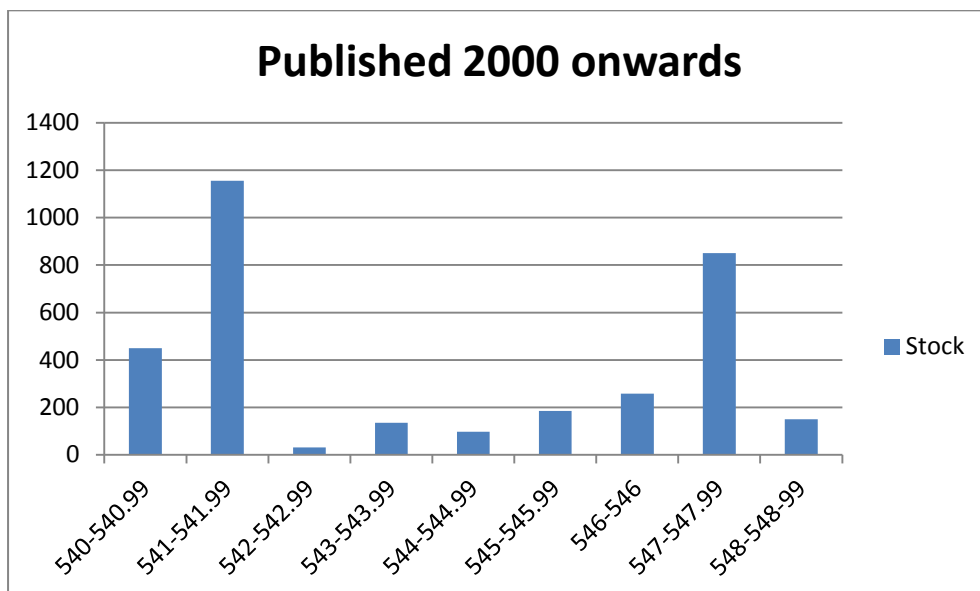
1.1 Chemistry Stock by Subject Classification



1.2 Chemistry Stock by Date of Publication



1.3 Chemistry Stock by Subject Classification (Published 2000 onwards)



Appendix 2

List of books purchased from the chemistry bookfund, 2009-10

Abramczyk, H	Introduction to laser spectroscopy
Ahlberg, P (ed)	Nobel lectures in chemistry 2001-2005
Amabilino, DB (ed)	Chirality at the nanoscale: nanoparticles surfaces materials and more
Amer, MS	Raman spectroscopy, fullerenes and nanotechnology
Amouri, H	Chirality in transition metal chemistry: molecules, supramolecular
Archer, MD (ed)	Nanostructured and photoelectrochemical systems
Aspinall, HC	Chemistry of the f-block elements
Atkins, PW	Atkins' physical chemistry 9th ed
Atkinson, D	Exercises in quantum mechanics: a self-contained book of questions and answers
Authier, A	Dynamical theory of X-ray diffraction
Aylward, GH	SI chemical data 6th ed
Bachrach, SM	Computational organic chemistry
Bacic, A (ed)	Chemistry biochemistry and biology of 1-3 beta glucans and related
Baik, J	Discrete orthogonal polynomials: asymptotics and applications
Balci, M	Basic ¹ H- and ¹³ C- NMR spectroscopy
Ball, D	Physical chemistry
Bard, AJ	Electrochemical methods: fundamentals and applications
Bard, AJ (ed)	Encyclopedia of electrochemistry (11 volume set)
Barkai, E	Theory and evaluation of single molecule signals
Becker, JS	Inorganic mass spectrometry: principles and applications
Beckett, M	The periodic table at a glance
Beddard, G	Applying maths in the chemical and biomolecular sciences
Belkic, D	Quantum theory of high-energy ion-atom collisions
Ben-Naim, A	A farewell to entropy
Ben-Naim, A	Molecular theory of water and aqueous solutions
Bennett, DW	Understanding single-crystal X-ray crystallography
Berden, G (ed)	Cavity ring-down spectroscopy
Berg, JC	An introduction to interfaces and colloids
Birdi, KS (ed)	Handbook of surface and colloid chemistry, 3rd ed
Broz, P (ed)	Polymer-based nanostructures
Bunker, G	Introduction to XAFS: practical guide to X-ray absorption spectroscopy
Burns, DA (ed)	Handbook of near-infrared analysis
Cademartiri, L	Concepts of nanochemistry
Carraher, CE	Introduction to polymer chemistry
Catlow, CRA	Computer modelling of microporous materials
Cejka, J	Introduction to zeolite science and practice
Centi, G (ed)	Sustainable industrial chemistry
Chakraborty, K	Vistas of special functions
Chanda, M	Introduction to polymer science and chemistry
Chang, C (ed)	Hyperspectral data exploitation: theory & applications
Claridge, TDW	High-resolution NMR techniques in organic chemistry
Clayden, J	Organic chemistry
Collings, AF (ed)	Artificial photosynthesis: from basic biology to industrial application

Comba, P	Molecular modelling of inorganic compounds 3rd ed
Connelly, NG (ed)	Nomenclature of inorganic chemistry
Coussot, P	Rheometry of pastes suspensions and granular materials
Cowie, JMG	Polymers
Cramer, CJ	Essentials of computational chemistry: theories and models
Cushing, J (ed)	Difference equations, special functions and orthogonal polynomials
Cuyt, A (ed)	Nonlinear methods in numerical analysis
Dadashev, RK	Thermodynamics of surface phenomena
Daniels, CA	PVC handbook
Davies, PR	Atom resolved surface reactions
Devillanova, F (ed)	Handbook of chalcogen chemistry
Ding, K (ed)	Handbook of asymmetric heterogeneous catalysis
Dumitriu, S (ed)	Polymeric biomaterials 2nd ed
Eftekhari, A (ed)	Nanostructured materials in electrochemistry
El Attar, R	Legendre polynomials and functions
Elschenbroich, C	Organometallics, 3rd ed
Elschenbroich, C	Organometallics, 3rd ed
Engel, T	Physical chemistry: student solutions manual
Engel, T	Thermodynamics, statistical thermodynamics and kinetics
Engel, T	Quantum chemistry and spectroscopy: student solutions manual
Engel, T	Quantum chemistry and spectroscopy
Ertl, G (ed)	Handbook of heterogeneous catalysis. E-version
Fainstein, PD (ed)	Photonic, electronic and atomic collisions: XXIV int conf
Farrell, OJ	Solved problems in analysis
Fleming, I	Molecular orbitals and organic chemical reactions
Fletcher, NH	The chemical physics of ice
Fliszar, S	Atomic charges, bond properties and molecular energies
Fokas, A	Highly oscillatory problems
Fried, JR	Computational chemistry and molecular simulation
Furimsky, E	Carbons and carbon supported catalysts in hydroprocessing
Gaskell, DR	Introduction to the thermodynamics of materials
Gell, C	Handbook of single molecule Fluorescence spectroscopy
Gibson, CG	Elementary euclidian geometry
Gispert, JR	Coordination chemistry
Goodstein, D	On fact and fraud: cautionary tales from the front lines of science
Grutter, P (ed)	Properties of single organic molecules on crystal surfaces
Gubin, SP (ed)	Magnetic nanoparticles
Guisnet, M (ed)	Zeolites for cleaner technologies
Gupta, RK (ed)	Polymer nanocomposites handbook
Hammond, C	Basics of crystallography and diffraction
Harmata, M (ed)	Strategies and tactics in organic synthesis vol 4
Harmata, M (ed)	Strategies and tactics in organic synthesis vol 5
Harmata, M (ed)	Strategies and tactics in organic synthesis vol 6
Harmata, M (ed)	Strategies and tactics in organic synthesis vol 7
Harvey, D	Modern analytical chemistry
Harvey, D	Modern analytical chemistry Solutions Manual
Hebbar, KR	Basics of X-ray diffraction and its applications

Heine, T	Computational chemistry workbook
Heine, T	Computational chemistry workbook
Hiemenz, PC (ed)	Principles of colloid and surface chemistry
Hinchliffe, A	Molecular modelling for beginners (3rd ed)
Hobza, P	Non-covalent interactions
Hodes, G	Chemical solution deposition of semiconductor films
Hofer, R (ed)	Sustainable solutions for modern economies
Hollander, AP (ed)	Biopolymer methods in tissue engineering
Holloway, AM	Atmospheric chemistry
Holman, J	Chemistry3: introducing inorganic, organic and physical chemistry
Holze, R	Experimental electrochemistry: a laboratory textbook
Hornyak, GL	Introduction to nanoscience and nanotechnology
Housecroft, CE	Inorganic chemistry
Hughes, EW (ed)	In memory of Vernon Willard Hughes: Proc of memorial symposium
Hung, GK	Biomedical engineering principles of the bionic man
Jenkins, HDB	Chemical thermodynamics at a glance
Jensen, F	Introduction to computational chemistry
Jones, RG (ed)	Compendium of polymer terminology and nomenclature
Judson, P	Knowledge-based expert systems in chemistry
Jutzi, P (ed)	Silicon chemistry: from the atom to extended systems
Kagan, CR	Thin-film transistors
Keeler, J	Understanding NMR spectroscopy
Kettle, SFA	Symmetry and structure: readable group theory for chemists
Khun, H	Principles of physical chemistry
Khutoryanskiy, V (ed)	Hydrogen-bonded interpolymer complexes
Kim, SH	Biomolecular catalysis: nanoscale science and technology
Kinnee, KB	Environmental science and technology: a sustainable approach
Kinoshita, S	Structural colors in the realm of nature
Kirby, AJ	From enzyme models to model enzymes
Kitson, FG	Gas chromatography and mass spectrometry
Klan, P	Photochemistry of organic compounds: from concepts to practice
Koch, W	A chemist's guide to density functional theory 2nd ed
Koel, M	Green analytical chemistry
Kotz, JC	Chemistry and chemical reactivity
Krantz, SG	A handbook of real variables
Krehl, PO	History of shock waves, explosions and impact
Krems, RV	Cold molecules: theory experiment applications
Kumari, R	Computers and their applications to chemistry
Lalauze, R	Physico-chemistry of solid-gas interfaces
Lang, S	Complex analysis
Lappert, M	Metal amide chemistry
Larsson, M	Dissociative recombination of molecular ions
Leubner, IH	Precision crystallization. Theory and practice of controlling crystal size
Levitt, MH	Spin dynamics: basics of nuclear magnetic resonance
Levy, DE	Arrow pushing in organic chemistry
Lewis, ES	A biography of distinguished scientist Gilbert Newton Lewis
Li, K	Ceramic membranes for separation and reaction

Lipkowitz, KB	Reviews in computational chemistry vol 26
Lovell, PA	Introduction to polymers 3rd rev ed
Lu, A-H	Nanocasting
Magnasco, V	Methods of molecular quantum mechanics
Magnasco, V	Elementary methods in molecular quantum mechanics
Marechal, Y	The hydrogen bond and the water molecule
Marx, D	Ab initio molecular dynamics: basic theory and advanced methods
Massa, W	Crystal structure determination
Massart, DL	Handbook of chemometrics and qualimetrics Pt A & Pt B
Matlack, A	Introduction to green chemistry
McKee, T	Biochemistry: the molecular basis of life
McQuarrie, DA	General chemistry
McQuarrie, DA	Quantum chemistry
Meijer, G (ed)	Biobased economy: biofuels, materials and chemicals in post-oil era
Miller, BL (ed)	Dynamic combinatorial chemistry
Mills, T	Physics at a glance
Mohan, M (ed)	Atomic structure and collision processes
Moog, RS	Physical chemistry: guided inquiry - spectroscopy
Moreno, APF	Coimbra lecture notes in orthogonal polynomials
Moss, RA (ed)	Reviews of reactive intermediate chemistry
Naidoo, K (ed)	Modelling molecular structure and reactivity in biological systems
Nassau, K	The physics and chemistry of color: the fifteen causes of color 2nd ed
Niemeyer, CM (ed)	Nanobiotechnology: concepts applications and perspectives
Nilsson, A	Chemical bonding at surfaces and interfaces
Nussinov, R (ed)	Computational protein-protein interactions
Ojima, I (ed)	Fluorine in medicinal chemistry and chemical biology
Oughstun, KE (ed)	Selected papers on scalar wave diffraction
Paganin, D	Coherent X-ray optics
Parashar, R	Reaction mechanisms in organic synthesis
Parker, FS	Applications of infrared, raman, and resonance raman spectroscopy in biochemistry
Parmon, VM	Photocatalysis: catalysts, kinetics and reactors
Pashley, R	Applied colloid and surface chemistry
Patil, KC	Chemistry of nanocrystalline oxide materials
Pavia, DL	Introduction to spectroscopy
Pellissier, H	Recent developments in asymmetric organocatalysis
Perez-Esteva, S (ed)	1st summer school in analysis and mathematical physics
Pettinari, C	Scorpionates II: chelating borate ligands
Petty, MC	Molecular electronics: from principles to practice
Piela, L	Ideas of quantum chemistry
Pletcher, D	A first course in electrode processes
Plieth, W	Electrochemistry for materials science
Pochapsky, S	NMR for physical and biological scientists
Polyanin, AD	Handbook of mathematics for engineers and scientists
Pretsch, E	Computer-aided structure elucidation
Probstein, RF	Physicochemical hydrodynamics 2nd revised
Procter, D	Organic synthesis using samarium diiodide: a practical guide
Pulford, I	Environmental chemistry at a glance

Ramsey, NF	Spectroscopy with coherent radiation
Rao, CNR	Trends in chemistry of materials
Reek, JNH (ed)	Dynamic combinatorial chemistry
Rhodes, G	Crystallography made crystal clear
Richards, G	Spin-outs: creating businesses from university intellectual property
Riehl, JP	Mirror-image asymmetry: introduction to chirality
Riggs, PJ	Quantum causality
Roberts, GK	Chemical history - reviews of the recent literature
Rodgers, P	Nanoscience and technology
Roduner, E	Nanoscale materials: size dependent phenomena
Roque-Malherbe, RMA	Physical chemistry of materials
Rosenwaks, S	Vibrationally mediated photodissociation
Royer, J (ed)	Asymmetric synthesis of nitrogen heterocycles
Rupp, B	Biomolecular crystallography
Russey, WE	How to write a successful science thesis
Ryadnov, M	Bionanodesign: following Nature's torch
Sammells, AF (ed)	Nonporous inorganic membranes
Sangwal, K	Additives and crystallization processes
Sartori, G	Advances in Friedel-Crafts acylation reactions
Scerri, ER	Collected papers on the philosophy of chemistry
Schneider, G	Molecular design: concepts and applications
Schoffstall, E	Microscale and miniscale organic chemistry laboratory experiments
Schwarcz, J	the genie in the bottle: 68 all new commentaries on the fascinating chemi
Shavitt, I	Many-body methods in chemistry and physics
Sholl, D	Density functional theory: a practical introduction
Sigel, H (ed)	Metal ions in biological systems, vol 27
Silva, E (ed)	Flavins: photochemistry and photobiology
Simonyi, K	A cultural history of physics
Smirnov, BM	Cluster processes in gases and plasmas
Smith, JG	General, organic and biological chemistry
Smith, R	Chemical process design and integration
Solomon, EI	Computational inorganic and bioinorganic chemistry
Spasic, A	Finely dispersed particles
Spencer, JN	Physical chemistry: guided inquiry - thermodynamics
Stamnes, JJ (ed)	Selected papers on electromagnetic fields in the focal region
Stanforth, SP	Natural product chemistry at a glance
Starov, VM (ed)	Nanoscience: colloidal and interfacial aspects
Steed, JW	Core concepts in supramolecular chemistry and nanochemistry
Steiner, E	The chemistry maths book
Stewart, WE	Computer-aided modelling of reactive systems
Stochel, G	Bioinorganic photochemistry
Thomas, R	Practical guide to ICP-MS
Thomas, S (ed)	Progress in polymer nanocomposite research
Thomas, S (ed)	Polymer nanocomposite research advances
Thornton, J	Pandora's poison: chlorine, health and a new environmental strategy
Tiekink, ERT (ed)	Frontiers of crystal engineering

Tien, C-L	Molecular and microscale heat transfer
Togo, H	Advanced free radical reactions for organic synthesis
Trsic, M	Electronic, atomic and molecular calculations
Tschoegl, NW	Fundamentals of equilibrium and steady-state thermodynamics
Turro, NJ	Principles of molecular photochemistry: an introduction
Van Minh, N	Lectures on the asymptotic behavior of solutions of differential equations
Van Santen, RA	Computational methods in catalysis and materials science
Van't Land, K	Industrial crystallization of melts
Venturi, P	Electrochemistry of functional supramolecular systems
Vickerman, JC (ed)	Surface analysis: the principal techniques 2nd ed
Vilenkin, N J	Representation of lie groups and special functions: recent advances
Vincent, JH	Aerosol sampling: science, standards Instrumentation applications
Vogtle, F	Dendrimer chemistry: concepts, syntheses, properties, applications
Walker, DC	Muon and muonium chemistry
Walla, PJ	Modern biophysical chemistry: detection and analysis of biomolecules
Warren, S	Organic synthesis: the disconnection approach
Warren, S	Organic synthesis: the disconnection approach
Warren, S	Workbook for organic synthesis: the disconnection approach
Watson, JT	Introduction to mass spectrometry
West, AR	Basic solid state chemistry, 2nd ed
Westland, S	Computational colour science using MATLAB
Weston, A	HPLC and CE: principles and practice
Williams RJP (ed)	Chemistry at Oxford
Willock, DJ	Molecular symmetry
Wirth, T (ed)	Microreactors in organic synthesis and catalysis
Wolf, E (ed)	Progress in optics Vol 50
Wong, TW (ed)	Handbook of zeolites: structure properties and applications
Xu, R	Chemistry of zeolites and related porous materials
Yang, RT	Adsorbents: fundamentals and applications
Yates, P	Chemical calculations at a glance
York, DM (ed)	Multi-scale quantum models for biocatalysis
Young, DC	Computational drug design
Young, RJ	Introduction to polymers 3rd rev ed
Zaikowski, L (ed)	Chemical evolution across space and time
Zanello, P	Inorganic electrochemistry
Zehnacker, A (ed)	Chiral recognition in the gas phase
Zong, Z	Advanced differential quadrature methods

Appendix 3

Journals relevant to Chemistry held in the JRUL

CHEMISTRY JOURNALS (CURRENT & CEASED) HELD BY JRUL

Abstracts of the proceedings of the Chemical Society of London
A journal of natural philosophy, chemistry, and the arts
ACADEMIE DES SCIENCES DE L'U.R.S.S. - DOKLADY CHEMICAL TECHNOLOGY (ENGLISH TRANSLATION)
ACADEMIE DES SCIENCES DE L'U.R.S.S. - DOKLADY CHEMISTRY (ENGLISH TRANSLATION)
ACADEMIE DES SCIENCES DE L'U.R.S.S. - DOKLADY PHYSICAL CHEMISTRY (ENGLISH TRANSLATION)
ACS chemical biology [electronic resource]
ACS nano [electronic resource]
Acta chemica scandinavica
Acta chemica scandinavica. Series A, Physical and inorganic chemistry
Acta chemica scandinavica. Series B, Organic chemistry and biochemistry
Acta chromatographica [electronic resource]
Acta crystallographica [electronic resource]
Acta crystallographica. Section B, Structural crystallography and crystal chemistry [electronic resource]
Acta crystallographica. Section B, Structural science [electronic resource]
Acta polymerica [electronic resource]
Adansonia [electronic resource]
Additives for polymers [electronic resource]
Advanced functional materials [electronic resource]
Advanced composite materials [electronic resource]
Advanced materials [electronic resource]
Advanced materials and composites news [electronic journal]
Advanced materials and processes [electronic journal]
Advanced materials research [electronic resource]
Advanced Organic Chemistry [electronic resource]
Advanced performance materials [electronic resource]
Advanced synthesis & catalysis [electronic resource]
Advances in alicyclic chemistry
Advances in analytical chemistry and instrumentation
Advances in carbohydrate chemistry and biochemistry
Advances in carbohydrate chemistry and biochemistry [electronic resource]
Advances in catalysis [electronic resource]
Advances in chemical physics
Advances in chromatography
Advances in clinical chemistry
Advances in clinical chemistry [electronic resource]
Advances in colloid and interface science [electronic resource]
Advances in fluorine chemistry
Advances in free radical biology and medicine [electronic resource]
Advances in free-radical chemistry
Advances in heterocyclic chemistry

Advances in heterocyclic chemistry [electronic resource]
Advances in high temperature chemistry
Advances in inorganic chemistry
Advances in inorganic chemistry [electronic resource]
Advances in inorganic chemistry and radiochemistry
Advances in macromolecular chemistry
Advances in materials research [electronic resource]
Advances in molten salt chemistry
Advances in organic chemistry Methods and results
Advances in organometallic chemistry
Advances in organometallic chemistry [electronic resource]
Advances in petroleum chemistry and refining
Advances in physical organic chemistry
Advances in physical organic chemistry [electronic resource]
Advances in planar lipid bilayers and liposomes [electronic resource]
Advances in polymer science [electronic resource]
Advances in polymer technology [electronic resource]
Advances in protein chemistry
Advances in protein chemistry [electronic resource]
Advances in quantum chemistry [electronic resource]
Ambix [electronic resource] : the journal of the Society for the Study of Alchemy and Early Chemistry
AMERICAN CHEMICAL JOURNAL
Amino Acids, Peptides and Proteins (RSC Specialist Periodical Report) [electronic resource]
Analytica chimica acta [electronic resource]
Analytical biochemistry [electronic resource]
Analytical communications [electronic resource]
Analytical letters [electronic resource]
Analytical Proceedings including Analytical Communications [electronic resource]
Analytical sciences
Analytical sciences [electronic resource] : the international journal of the Japan Society for Analytical Chemistry
Analytical Sciences: X-ray Structure Analysis Online [electronic resource]
Angewandte chemie [electronic resource]
Angewandte makromolekulare chemie [electronic resource]
Annalen der Physik [electronic resource]
ANNALS OF ELECTRICITY, MAGNETISM AND CHEMISTRY
Annals of philosophy, natural history, chemistry, literature, agriculture, and the mechanical and fine arts
Annual bulletin of trade in chemical products
Annual report of the Institute of Paper Chemistry
Annual reports in computational chemistry [electronic resource]
Annual reports on NMR spectroscopy [electronic resource]
Annual Reports on the Progress of Chemistry [electronic resource]
Annual reports on the progress of chemistry. Section A, Inorganic chemistry [electronic resource]
Annual reports on the progress of chemistry. Section C, Physical chemistry
Annual reports on the progress of chemistry. Section C, Physical chemistry [electronic resource]
Annual review of biophysics and biomolecular structure [electronic resource]
Annual Review of Biophysics and Biophysical Chemistry [electronic resource]

Annual review of materials science [electronic resource]
Annual review of materials research [electronic resource]
Annual review of nuclear and particle science [electronic resource]
Annual review of nuclear science [electronic resource]
Annual review of physical chemistry [electronic resource]
Annual review of the chemical industry
Applied geochemistry [electronic resource]
Applied organometallic chemistry [electronic resource]
Applied physics. B, Lasers and optics [electronic resource]
Applied spectroscopy reviews [electronic resource]
Aquatic geochemistry [electronic resource]
Årsberättelse om framstegen i kemi under År ... afgifven till Kongl. Vetenskaps-akademien
Asian chemical news [electronic resource] : ACN
Atmospheric chemistry and physics [electronic resource]
Atmospheric Chemistry and Physics Discussions [electronic resource]
Australian journal of chemistry
Australian journal of chemistry [electronic resource]
Australian journal of scientific research. Series A, physical sciences
Beilstein journal of organic chemistry [electronic resource]
Berichte der Bunsen-Gesellschaft für physikalische Chemie
Biochemical and biophysical research communications [electronic resource]
Biochemical and molecular medicine [electronic resource]
Biochemical journal [electronic resource]
Biochemical medicine [electronic resource]
Biochemical pharmacology [electronic resource]
Biochemical Society symposia [electronic resource]
Biochemistry [electronic resource]
Biochemistry and molecular biology education [electronic resource]
Bioelectrochemistry and bioenergetics : a section of the Journal of electroanalytical chemistry and interfacial electrochemistry
Bioelectrochemistry and bioenergetics [electronic resource]
Biofuels, bioproducts & biorefining : Biofpr [electronic resource]
Biogeochemistry [electronic resource]
Bioinorganic chemistry [electronic resource]
Bioinorganic chemistry and applications [electronic resource]
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Biological chemistry [electronic resource]
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Biomacromolecules [electronic resource]
Biomaterials [electronic resource]
Biomedical chromatography [electronic resource]
Biomedical materials [electronic resource]
Biomolecular engineering [electronic resource]
Bioorganic & medicinal chemistry [electronic resource]
Bioorganic & medicinal chemistry letters [electronic resource]
Bioorganic chemistry [electronic resource]
Biophysical chemistry

Biopolymers [electronic resource]
Bioscience, biotechnology, and biochemistry
Bioscience, biotechnology, and biochemistry [electronic resource]
Bioscience reports [electronic resource]
Biotechnology and applied biochemistry [electronic resource]
Biotechnology and bioengineering [electronic resource]
Biotechnology letters [electronic resource]
Bulletin de la Société chimique de France
BULLETIN OF CHEMICAL THERMODYNAMICS
Bulletin of Japan Society of Coordination Chemistry [electronic resource]
Bulletin of materials science [electronic resource]
Bulletin of the Academy of Sciences of the USSR: Division of Chemical Sciences
Bulletin of the Agricultural Chemical Society of Japan [electronic resource]
Bulletin of the Chemical Society of Japan
Bulletin of the Institute of Paper Chemistry
Bulletin of the Research Council of Israel. Section A, Chemistry
Bulletin of the Research Council of Israel. Section A, Mathematics, physics and chemistry
Bulletin of the Research Council of Israel. Section F, Mathematics and physics
BULLETIN OF THERMODYNAMICS AND THERMOCHEMISTRY
Bunseki kagaku [electronic resource] = Japan analyst
Butsuri tansa [electronic resource]
Canadian journal of biochemistry
Carbohydrate Chemistry. Monosaccharides, Disaccharides and Specific Oligosaccharides (RSC Specialist Periodical Report) [electronic resource]
Carbohydrate polymers [electronic resource]
Carbohydrate research [electronic resource]
Carbon balance and management [electronic resource]
CAST: chromatography and separation technology
Catalysis by metal complexes [electronic resource]
Catalysts & catalysed reactions
Catalysts & catalysed reactions [electronic resource]
Cellulose chemistry and technology
Cereal chemistry
Challenges and Advances in Computational Chemistry and Physics [electronic resource]
Chem Inform [electronic resource]
Chembiochem [electronic resource]
Chemical abstracts ring systems handbook
Chemical age
Chemical and pharmaceutical bulletin
Chemical business [electronic resource]
Chemical Business NewsBase [electronic resource]
Chemical communications : the journal of the Chemical Society. Section D
Chemical Daily (Japanese Language) [electronic resource]
Chemical equipment [electronic resource]
Chemical fibers international : fiber polymers, fibers, texturing and spunbonds
Chemical geology [electronic resource]
Chemical Geology: Isotope Geoscience Section [electronic resource]

Chemical hazards in industry [electronic resource]
Chemical health & safety [electronic resource]
Chemical health & safety [electronic resource]
Chemical immunology
Chemical industry in Europe
Chemical innovation
Chemical market reporter [electronic resource]
Chemical marketing reporter [electronic resource]
Chemical physics
Chemical physics letters
Chemical physics reports
Chemical plants and processing
Chemical processing
Chemical product and process modeling [electronic resource]
Chemical research in toxicology [electronic resource]
Chemical senses [electronic resource]
Chemical specialties [electronic resource]
Chemical thermodynamics
Chemical vapor deposition [electronic resource]
Chemical week [electronic resource]
Chemical week Asia
Chemical Week Asia [electronic resource]
Chemické listy [electronic resource]
Chemie-anlagen + verfahren [electronic resource]
Chemie der Erde : Beiträge zur chemischen Mineralogie, Petrographie und Geologie [electronic resource]
Chemie in unserer Zeit (1967-1999) [electronic resource]
Chemie in unserer Zeit [electronic resource]
Chemische Berichte [electronic resource]
Chemistry a European journal
Chemistry & biodiversity
Chemistry & biodiversity [electronic resource]
Chemistry & biology [electronic resource]
Chemistry and physics of carbon
Chemistry and physics of lipids [electronic resource]
Chemistry and technology of fuels and oils [electronic resource]
Chemistry Central Journal [electronic resource]
Chemistry education [electronic resource]
Chemistry in ecology [electronic resource]
Chemistry international
Chemistry letters [electronic resource]
Chemistry of heterocyclic compounds [electronic resource]
Chemistry of high polymers
Chemistry of high polymers, Japan
Chemistry of materials [electronic resource]
Chemistry of natural compounds [electronic resource]
Chemistry world
Chemistry world [electronic resource]

Chemkon [electronic resource]
ChemMedChem [electronic resource]
Chemometrics and intelligent laboratory systems [electronic resource] : an international journal sponsored by the Chemometrics Society
Chemosphere [electronic resource]
ChemPhysChem
Chimie thérapeutique : chimica terapeutica
China Chemical Reporter [electronic resource]
Chinese chemical letters (Elsevier) [electronic resource]
Chinese Journal of Analytical Chemistry [electronic resource]
Chinese Journal of chromatography [electronic resource]
Chirality [electronic resource]
Chlor-Alkali Marketwire [electronic resource]
Chromatographia [electronic resource]
Chromatographic Reviews [electronic resource]
Chromatography and analysis
Clinica chimica acta [electronic resource]
Clinical chemistry
Clinical chemistry [electronic resource]
Collection of Czechoslovak chemical communications
Colloid and polymer science [electronic resource]
Colloids and surfaces. B, Biointerfaces [electronic resource]
Combinatorial Chemistry & High Throughput Screening [electronic resource]
Combinatorial chemistry [electronic resource] : an online journal [electronic resource]
Comments on modern chemistry. Part A, Comments on inorganic chemistry [electronic resource] : a journal of critical discussion of the current literature
Communications in soil science and plant analysis [electronic resource]
Composite interfaces [electronic resource]
Comprehensive Medicinal Chemistry II [electronic resource]
Comprehensive Organometallic Chemistry III [electronic resource]
Comptes rendus de l'Académie des sciences. Série II. Fascicule c, Chimie [electronic resource] = Chemistry
Comptes rendus. Chimie [electronic resource]
Computation and theoretical polymer science [electronic resource]
Computational biology and chemistry [electronic resource]
Computers & chemistry [electronic resource]
Coordination chemistry reviews [electronic resource]
Critical reviews in biochemistry and molecular biology [electronic resource]
Critical reviews in solid state and materials sciences [electronic resource]
Croatica chemica acta
Croatica chemica acta = Arhiv za kemiju [electronic resource]
Crystal growth & design [electronic resource]
Crystallography reviews [electronic resource]
Current applied physics [electronic resource] : the official journal of the Korean Physical Society
Current biotechnology abstracts
Current opinion in chemical biology
Current opinion in colloid & interface science [electronic resource]
Current opinion in solid state & materials science [electronic resource]
Dalton transactions [electronic resource] : an international journal of inorganic chemistry

Designed monomers and polymers [electronic resource]
Die Chemie
Die makromolekulare Chemie
Die Makromolekulare Chemie. rapid communications
Dielectric and related molecular processes
Doklady chemistry : proceedings of the Academy of Sciences of the USSR. Chemistry Section
Doklady. Chemistry [electronic resource]
Doklady. Physical chemistry [electronic resource] : proceedings of the Academy of Sciences of the USSR
Drug & cosmetic industry [electronic resource]
Drug and chemical toxicology [electronic resource]
Drug design and discovery [electronic resource]
Drug development and industrial pharmacy [electronic resource]
Drug metabolism and disposition [electronic resource]: the biological fate of chemicals
Dyes & chemical technical bulletin Du Pont
Eclética química [electronic resource]
Education in chemistry [electronic resource]
Electroanalysis [electronic resource]
Electron paramagnetic resonance
Electron Paramagnetic Resonance (RSC Specialist Periodical Report) [electronic resource]
Electronic chemicals news [electronic resource]
Electronic journal of environmental, agricultural and food chemistry [electronic resource] EJEAFChe
Electrophoresis [electronic resource]
Enantiomer [electronic resource]
Energy & fuels [electronic resource]
Environmental chemistry letters [electronic resource]
Environmental geochemistry and health [electronic resource]
Environmental pollution [electronic resource]
Environmental pollution. Series A, Ecological and biological [electronic resource]
Environmental pollution. Series B, Chemical and physical [electronic resource]
Environmental science and pollution research international [electronic resource]
E-polymers [electronic resource]
Essays in biochemistry
Europe, Middle East, Asia [electronic resource]
European chemical news
European chemical news [electronic resource]
European journal of inorganic chemistry [electronic resource]
European journal of medicinal chemistry
European journal of medicinal chemistry [electronic resource]
European journal of organic chemistry [electronic resource]
European journal of pharmaceutical sciences [electronic resource]
European journal of solid state and inorganic chemistry [electronic resource]
European polymer journal [electronic resource]
FEBS journal [electronic resource]
FEBS letters [electronic resource]
Fibre chemistry [electronic resource]
Field analytical chemistry & technology [electronic resource]
Fluid phase equilibria [electronic resource]

Focus on Catalysts [electronic resource]
Food and chemical toxicology [electronic resource]
Food and cosmetics toxicology [electronic resource]
Food chemical news [electronic resource]
Food chemistry [electronic resource]
Forensic science international [electronic resource]
Fortschritte der Chemie organischer Naturstoffe
Fortschritte der Chemie organischer Naturstoffe [electronic resource]. Progress in the chemistry of organic natural products
Fortschritte der chemischen Forschung
Foundations of chemistry [electronic resource]
Free radical biology & medicine [electronic resource]
Free radical research [electronic resource]
Fresenius' journal of analytical chemistry
Fullerenes, nanotubes and carbon nanostructures [electronic resource]
Fundamental materials research [electronic resource]
Geochemical transactions (RSC) [electronic resource]
Geochemistry [electronic resource]
Geochemistry, geophysics, geosystems [electronic resource]
Geochemistry international [electronic resource]
Geochimica et cosmochimica acta [electronic resource]
Glass physics and chemistry [electronic resource] = Fizika i khimiya stekla
Green chemistry letters and reviews [electronic resource]
Handbook of Environmental Chemistry [electronic resource]
Helvetica Chimica Acta ; Hoboken, NJ : Distributed in the USA by Wiley 2004
Heteroatom chemistry [electronic resource]
Heterocycles
Heterocycles [electronic resource]
Heterocyclic chemistry
High energy chemistry
High energy chemistry [electronic resource]
High performance polymers [electronic resource]
High tech separations news [electronic resource]
HIROSHIMA.-UNIVERSITY - JOURNAL OF SCIENCE...SERIES A:MATHEMATICS,PHYSICS,CHEMISTRY
Hoppe-Seyler's Zeitschrift für Physiologische Chemie
Hyle [electronic resource]
ICI magazine
ICIS chemical business (2007) [electronic resource]
ICIS chemical business. Americas [electronic resource]
Il Farmaco [electronic resource]
INDIA.-BOARD OF AGRICULTURE - MEMOIRS, CHEMICAL SERIES
Indian journal of chemistry
Indian journal of chemistry. Section A, inorganic, physical, theoretical and analytical chemistry
Indian journal of chemistry. Section B, organic chemistry, including medical chemistry
Inorganic and nuclear chemistry letters
Inorganic chemistry communications [electronic resource]
Inorganic materials [electronic resource]

Inorganica chimica acta [electronic resource]
Inorganica chimica acta reviews [electronic resource]
Instrumentation science & technology [electronic resource]
Integrative Biology [electronic resource]
Interface science [electronic resource]
International analyst
International catalogue of scientific literature
International journal for radiation physics and chemistry [electronic resource]
International journal of biological macromolecules [electronic resource]
International journal of environmental analytical chemistry [electronic resource]
International journal of polymer analysis and characterization [electronic resource] IJPAC
International journal of polymeric materials [electronic resource]
International journal of quantum chemistry [electronic resource]
International journal of quantum chemistry. Quantum biology symposia
International journal of quantum chemistry. Quantum chemistry symposium
International journal of radiation applications and instrumentation. Part C, Radiation physics and chemistry [electronic resource]
International review of science : inorganic chemistry
International review of science : organic chemistry
International review of science : physical chemistry
International reviews in physical chemistry
International reviews in physical chemistry [electronic resource]
International Union of Pure and Applied Chemistry - Information bulletin
Internet electronic journal of molecular design [electronic resource]
Isotopes in environmental and health studies [electronic resource]
Israel journal of chemistry
ISRAEL.-RESEARCH COUNCIL - BULLETIN ... SECTION A:CHEMISTRY
Issues in environmental science and technology [electronic resource]
Jahres-Bericht über die Fortschritte der physischen Wissenschaften
Japan chemical week [electronic resource]
JAPANESE JOURNAL OF CHEMISTRY:TRANSACTIONS AND ABSTRACTS
Journal and proceedings of the Institute of Chemistry of Great Britain and Ireland
Journal and Proceedings of the Institute of Chemistry of Great Britain and Ireland [electronic resource]
Journal and Proceedings of the Royal Institute of Chemistry [electronic resource]
Journal and Proceedings of the Royal Institute of Chemistry of Great Britain and Ireland [electronic resource]
Journal de physique. II, Atomic, molecular and cluster physics, chemical physics, mechanics and hydrodynamics
Journal für praktische Chemie [electronic resource]
Journal of alloys and compounds [electronic resource]
Journal of analytical and applied pyrolysis [electronic resource]
Journal of analytical atomic spectrometry [electronic resource]
Journal of analytical chemistry [electronic resource]
Journal of applied biomaterials [electronic resource]
JOURNAL OF APPLIED CHEMISTRY (AND BIOTECHNOLOGY)
Journal of applied chemistry of the USSR
Journal of applied polymer science [electronic resource]
Journal of atmospheric chemistry [electronic resource]
Journal of automated methods & management in chemistry (Hindawi) [electronic resource]

Journal of automatic chemistry
Journal of Beijing University of Chemical Technology(Social Sciences Edition) [electronic resource]
Journal of bioactive and compatible polymers [electronic resource]
Journal of biochemical and biophysical methods [electronic resource]
Journal of biochemical toxicology [electronic resource]
Journal of biochemistry [electronic resource]
Journal of biochemistry and molecular biology [electronic resource]
Journal of biological inorganic chemistry [electronic resource] : JBIC
Journal of biomaterials science. Polymer edition [electronic resource]
Journal of biomedical materials research [electronic resource]
Journal of Business Chemistry [electronic resource]
Journal of carbohydrate chemistry [electronic resource]
Journal of chemical crystallography [electronic resource]
Journal of chemical documentation [electronic resource]
Journal of Chemical Health and Safety [electronic resource]
Journal of chemical information and computer sciences [electronic resource]
Journal of chemical neuroanatomy [electronic resource]
Journal of chemical physics
Journal of chemical research. Microfiche
Journal of chemical software [electronic resource]
Journal of chemical theory and computation [electronic resource]
Journal of chemical thermodynamics [electronic resource]
Journal of chemometrics [electronic resource]
Journal of chromatographic science
Journal of chromatography [electronic resource]
Journal of chromatography. B, Biomedical sciences and applications [electronic resource]
Journal of colloid and interface science [electronic resource]
Journal of computational chemistry [electronic resource]
Journal of computer-aided chemistry [electronic resource]
Journal of computer-aided molecular design [electronic format]
Journal of computer chemistry [electronic resource]
Journal of coordination chemistry [electronic resource]
Journal of dispersion science and technology [electronic resource]
Journal of electroanalytical chemistry and interfacial electrochemistry [electronic resource]
Journal of energetic materials [electronic resource]
Journal of Environmental Chemistry [electronic resource]
Journal of environmental monitoring [electronic resource] : JEM
Journal of enzyme inhibition and medicinal chemistry [electronic resource]
Journal of fire retardant chemistry
Journal of fire sciences [electronic resource]
Journal of fluorine chemistry
Journal of free radicals in biology & medicine [electronic resource]
Journal of Fuel Chemistry and Technology [electronic resource]
Journal of gas chromatography
Journal of general chemistry of the U.S.S.R
Journal of heterocyclic chemistry
Journal of heterocyclic chemistry [electronic resource]

Journal of high resolution chromatography [electronic resource]
Journal of immunoassay & immunochemistry [electronic resource]
Journal of inclusion phenomena and macrocyclic chemistry [electronic resource]
Journal of inclusion phenomena and molecular recognition in chemistry [electronic resource]
Journal of inorganic and nuclear chemistry [electronic resource]
Journal of inorganic and organometallic polymers and materials [electronic resource]
Journal of inorganic biochemistry [electronic resource]
Journal of labelled compounds & radiopharmaceuticals [electronic resource]
Journal of liquid chromatography & related technologies [electronic resource]
Journal of loss prevention in the process industries [electronic resource]
Journal of macromolecular science. Physics [electronic resource]
Journal of macromolecular science. Polymer reviews [electronic resource]
Journal of macromolecular science. Pure and applied chemistry [electronic resource]
Journal of materials chemistry
Journal of minerals, metals and materials society
Journal of materials research [electronic journal]
Journal of materials science [electronic resource]
Journal of materials science letters [electronic resource]
Journal of mathematical chemistry [electronic resource]
Journal of metastable and nanocrystalline materials [electronic resource]
Journal of microcolumn separations [electronic resource]
Journal of molecular catalysis [electronic resource]
Journal of molecular catalysis. A, Chemical [electronic resource]
Journal of molecular graphics & modeling [electronic resource]
Journal of molecular liquids [electronic resource]
Journal of molecular modeling [electronic resource]
Journal of molecular structure [electronic resource]
Journal of natural gas chemistry [electronic resource]
Journal of natural philosophy, chemistry, and the arts
Journal of natural products [electronic resource]
JOURNAL OF NUCLEAR CHEMISTRY (PART A & B)
Journal of nuclear materials [electronic resource]
Journal of oleo science [electronic resource]
Journal of organic chemistry of the USSR
Journal of organometallic chemistry [electronic resource]
Journal of pharmaceutical and biomedical analysis [electronic resource]
Journal of pharmaceutical sciences [electronic resource]
Journal of pharmacy & pharmaceutical sciences [electronic resource]
Journal of photochemistry [electronic resource]
Journal of photochemistry and photobiology. A, Chemistry [electronic resource]
Journal of physical and chemical reference data
Journal of Physical Chemistry Letters
Journal of physical organic chemistry [electronic resource]
Journal of polymer science. Part A, Polymer chemistry [electronic resource]
Journal of polymer science. Part C, Polymer letters [electronic resource]
Journal of polymer science. Polymer symposia
Journal of polymers and the environment [electronic resource]

Journal of proteome research [electronic resource]
Journal of radioanalytical and nuclear chemistry [electronic resource]
Journal of research of the National Bureau of Standards. Section A, Physics and chemistry
Journal of separation science [electronic resource]
Journal of solid state chemistry [electronic resource]
Journal of solution chemistry [electronic resource]
Journal of structural chemistry [electronic resource]. Zhurnal strukturnoi khimii
Journal of supercritical fluids [electronic resource]
Journal of supramolecular chemistry [electronic resource]
Journal of the agricultural chemical society of Japan [electronic resource]
Journal of the American Chemical Society
Journal of the Andersonian Chemical Society
Journal of the Chilean Chemical Society [electronic resource]
Journal of the Chinese Chemical Society
Journal of the Electrochemical Society [electronic resource]
Journal of the Indian Chemical Society
Journal of the Indian Institute of Science
Journal of the Korean Chemical Society [electronic resource]
Journal of the Royal Institute of Chemistry [electronic resource]
Journal of the science of food and agriculture [electronic resource]
Journal of the Society of Chemical Industry
Journal of the Society of Glass Technology
Journal of the Society of Textile and Cellulose Chemistry (Japan)
Journal of thermoplastic composite materials [electronic resource]
Journal of theoretical & computational chemistry [electronic resource]
Journal of vacuum science & technology. A, Vacuum, surfaces, and films [electronic resource]
Journal of wood chemistry and technology [electronic resource]
Khimicheskie volokna
Kinetics and catalysis [electronic resource]
Kirk-othmer encyclopaedia of chemical technology
Laboratory hazards bulletin
Lange's handbook of chemistry [electronic resource]
Laser Applications to Chemical, Security and Environmental Analysis [electronic resource]
Laser chemistry
Laser Chemistry (Hindawi) [electronic resource]
LC GC: magazine of liquid and gas chromatography [electronic resource]
LC GC Europe [electronic resource]
Liebig's Annalen - recueil - organic and bioorganic chemistry
Liquid crystals [electronic resource]
Liquid crystals today [electronic resource]
Literatur-Register der organischen Chemie, geordnet nach M. M. Richters Formelsystem
Macromolecular bioscience [electronic resource]
Macromolecular chemistry
Macromolecular chemistry and physics [electronic resource]
Macromolecular materials and engineering [electronic resource]
Macromolecular rapid communications [electronic resource]
Macromolecular reports

Macromolecular symposia [electronic resource]
Macromolecular theory and simulations [electronic resource]
Macromolecules [electronic resource]
Magnetic resonance in chemistry [electronic resource]
Main group chemistry [electronic resource]
MANCHESTER.-UNIVERSITY:CHEMICAL SOCIETY - MAGAZINE
Manufacturing chemist
Manufacturing chemist incorporating chemical age [electronic resource]
Market trends and prospects for chemical products
Market trends for selected chemical products and prospects
Materials chemistry [electronic resource]
Materials chemistry and physics [electronic resource]
Materials letters [electronic resource]
Materials research bulletin [electronic resource]
Materials science [electronic resource]
Materials science forum [electronic resource]
Materials science reports [electronic resource]
Materials science and engineering [electronic resource]
Materials today [electronic resource]
Maths Physics & Chemistry for Middle School Students (Senior High School Edition) [electronic resource]
Mechanics of composite materials [electronic resource]
MEDICINAL CHEMISTRY
Medicinal chemistry research [electronic resource]
Membrane and separation technology news [electronic resource]
Memoirs of the Chemical Society of London
Memoirs of the College of Science, University of Kyoto. Series A
Memoirs of the Faculty of Science, Kyoto University. Series of physics, astrophysics, geophysics and chemistry
Metal-based drugs [electronic resource]
Metallomics [electronic resource]
Methods in organic synthesis [electronic resource]
Micro and nano letters [electronic resource]
Microporous materials [electronic resource]
Microporous materials technology news [electronic resource]
Mikrochimica acta [electronic resource]
Modern aspects of electrochemistry
Modern Inorganic Chemistry [electronic resource]
Molecular crystals and liquid crystals [electronic resource]
Molecular engineering [electronic resource]
Molecular materials and engineering [electronic resource]
Molecular physics [electronic resource]
Molecular simulation [electronic resource]
Monatshefte fur chemie [electronic resource]
Nano letters [electronic resource]
Nano today [electronic resource]
NanoScience and technology [electronic resource]
Nanostructured materials [electronic resource]
Natural product reports [electronic resource] : a journal of current developments in bio-organic chemistry

Natural product research [electronic resource]
Natural product updates
Nature [electronic resource]
Nature biotechnology [electronic resource]
Nature chemical biology [electronic resource]
Nature materials [electronic resource]
Nature protocols [electronic resource]
Nature reviews. Drug discovery [electronic resource]
New Carbon Materials [electronic resource]
New comprehensive biochemistry [electronic resource]
New Journal of Chemistry
Nitric oxide : biology and chemistry / [electronic resource]
Nouveau journal de chimie
Nuclear and chemical waste management [electronic resource]
Nuclear Magnetic Resonance (RSC Specialist Periodical Report) [electronic resource]
Nucleosides, nucleotides & nucleic acids [electronic resource]
OECD Guidelines for the Testing of Chemicals [electronic resource]
Oil & chemical pollution [electronic resource]
Oil & petrochemical pollution [electronic resource]
Optical materials [electronic resource]
Organic and biomolecular chemistry
Organic electronics [electronic resource]
Organic geochemistry [electronic resource]
Organic letters [electronic resource]
Organic magnetic resonance
Organometallic chemistry (RSC Specialist Periodical Reports)
Organometallic chemistry reviews
Organometallic chemistry reviews. Section A, Subject reviews
Organometallics [electronic resource]
Perkin 1 : an international journal of organic and bio-organic chemistry [electronic resource]
Perkin 2: an international journal of physical organic chemistry [electronic resource]
Pest management science [electronic resource]
Pesticide & toxic chemical news [electronic resource]
Pesticide outlook [electronic resource]
Pesticide science [electronic resource]
Pharmaceutical chemistry journal [electronic resource]
Pharmaceutical science & technology today [electronic resource]
Phosphorus, sulfur, and silicon and the related elements [electronic resource]
Photochemical & photobiological sciences [electronic resource]
Photochemistry (RSC Specialist Periodical Report) [electronic resource]
PhysChemComm
Physical chemistry chemical physics [electronic resource]
Physics and chemistry of glasses
Physics and chemistry of liquids [electronic resource]
Physics and Chemistry of Materials with Low-Dimens [electronic resource]
Physics and chemistry of minerals [electronic resource]
Physics and chemistry of the earth [electronic resource]

Physics and Chemistry of the Earth. Part A, Solid Earth and Geodesy [electronic resource]
Physics and chemistry of the earth. Part B, Hydrology, oceans and atmosphere [electronic resource]
Physics and chemistry of the earth. Part C, Solar-terrestrial and planetary science [electronic resource]
Phytochemical analysis [electronic resource]
Phytochemistry [electronic resource]
Plant and soil [electronic resource]
Plant physiology and biochemistry [electronic resource] : PPB
Plasma chemistry and plasma processing [electronic resource]
Plasma processes and polymers [electronic resource]
Polycyclic aromatic compounds [electronic resource]
Polyhedron [electronic resource]
Polymer [electronic resource]
Polymer bulletin [electronic resource]
Polymer composites [electronic resource]
Polymer contents [electronic resource]
Polymer degradation and stability [electronic resource]
Polymer engineering and science [electronic resource]
Polymer gels and networks [electronic resource]
Polymer international [electronic resource]
Polymer news [electronic resource]
Polymer photochemistry [electronic resource]
Polymer-plastics technology and engineering [electronic resource]
Polymer preprints
Polymer reaction engineering [electronic resource]
Polymer reviews [electronic resource]
Polymer testing [electronic resource]
Polymers for advanced technologies [electronic resource]
Preparative biochemistry & biotechnology [electronic resource] : an international journal for rapid communications
Proceedings of The Indian Academy of Sciences. Chemical Sciences
Proceedings of the Indian Academy of Sciences. Section. A., physical and mathematical sciences
Proceedings of the Institute of Chemistry of Great Britain and Ireland [electronic resource]
Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen. Series B, Palaeontology, geology, physics, chemistry
Process biochemistry [electronic resource]
Processing
Profiles of drug substances, excipients, and related methodology [electronic resource]
Progress in biophysics and biphysical chemistry
Progress in biophysics and molecular biology [electronic resource]
Progress in chemical toxicology
Progress in colloid and polymer science [electronic resource]
Progress in crystal growth and characterization of materials [electronic resource]
Progress in inorganic chemistry
Progress in lipid research [electronic resource]
Progress in materials science [electronic resource]
Progress in medicinal chemistry
Progress in nuclear energy. series 3, process chemistry
Progress in organic chemistry

Progress in physical organic chemistry
Progress in polymer science [electronic resource]
Progress in reaction kinetics and mechanism [electronic resource]
Progress in solid state chemistry [electronic resource]
Progress in surface science [electronic resource]
Progress in the chemistry of fats and other lipids [electronic resource]
Progress in Theoretical Chemistry and Physics [electronic resource]
Progress in theoretical organic chemistry
Propellants, explosives and pyrotechnics [electronic resource]
Pure and applied chemistry [electronic resource]
Pure and applied chemistry: official journal of the International Union of Pure and Applied Chemistry
QSAR & combinatorial science [electronic resource]
Quantitative structure-activity relationships [electronic resource]
Química nova [electronic resource]
Radiation effects and defects in solids [electronic resource]
Radiation physics and chemistry [electronic resource]
Radiochemistry
Rapport annuel sur les progrès de la chimie
Rapport annuel sur les progrès des sciences physiques et chimiques
Reactive & functional polymers [electronic resource]
Reactive polymers [electronic resource]
Reactive polymers, ion exchangers, sorbents [electronic resource]
Reactivity of solids [electronic resource]
Redox report [electronic resource] : communications in free radical research
Research communications in chemical pathology and pharmacology
Research letters in materials science [electronic resource]
Research letters in physical chemistry [electronic resource]
Research on chemical intermediates [electronic resource]
Review of American chemical research
Reviews in computational chemistry
Reviews of chemical intermediates
Reviews of chemical intermediates [electronic resource]
Reviews of pure and applied chemistry
Reviews on Advanced Materials Science [electronic resource]
Royal Institute of Chemistry, Reviews [electronic resource]
Russian chemical reviews [electronic resource]
Russian journal of applied chemistry [electronic resource]
Russian journal of bioorganic chemistry [electronic resource]
Russian journal of coordination chemistry [electronic resource]
Russian journal of general chemistry [electronic resource]
Russian journal of organic chemistry
Russian journal of organic chemistry [electronic resource]
SAR and QSAR in environmental research [electronic resource]
Scandinavian journal of clinical & laboratory investigation [electronic resource]
Scandinavian journal of clinical and laboratory investigation. Supplementum
Science and technology of advanced materials [electronic resource]
Science reports of the Research Institutes, Tohoku University. Series A, Physics, chemistry and metallurgy

Scientific papers of the Institute of Physical and Chemical Research, Tokyo
Selected annual reviews of the analytical sciences [electronic resource]
Sensors and actuators. B, Chemical [electronic resource]
Silicon chemistry [electronic resource]
Single molecules [electronic resource]
Small [electronic resource]
Smart materials & structures [electronic resource]
Soap & cosmetics [electronic resource]
Soft materials [electronic resource]
Soft matter
Soft matter [electronic resource]
Solid state communications [electronic resource]
Solid state ionics [electronic resource]
Solid state sciences [electronic resource]
SOUTH AFRICAN CHEMICAL INSTITUTE - JOURNAL
Soviet journal of chemical physics
Special Discussions of the Faraday Society [electronic resource]
Spectroscopy letters [electronic resource]
Springer series in chemical physics [electronic resource]
Springer series in solid-state sciences [electronic resource]
Springer Series on Chemical Sensors and Biosensors [electronic resource]
Statistical mechanics
Sulfur reports [electronic resource]
Supramolecular chemistry
Supramolecular science [electronic resource]
Surface and defect properties of solids
Surface and interface analysis [electronic resource]
Surface review and letters [electronic resource]
Surface science [electronic resource]
Surface science letters [electronic resource]
Surface science reports [electronic resource]
Survey of progress in chemistry
Synlett : accounts and rapid communications in synthetic organic chemistry
Synthesis and reactivity in inorganic, metal-organic, and nano-metal chemistry [electronic resource]
Synthesis: journal of synthetic organic chemistry
Synthetic communications [electronic resource]
Synthetic methods of organic chemistry
Talanta [electronic resource]
Teaching and Learning Reference for Middle School Chemistry [electronic resource]
Tellus. Series B, Chemical and physical meteorology
Tetrahedron [electronic resource]
Tetrahedron letters [electronic resource]
Tetrahedron, asymmetry [electronic resource]
The Nucleic acids symposium series [electronic resource]
The alkaloids. Chemistry and biology [electronic resource]
The analyst online [electronic resource]
The biochemical journal [electronic resource]

The chemical educator (Springer) [electronic resource]
The Chemical monitor [electronic resource] : a monthly newsletter dedicated to chemical instrumentation
The Chemical Review The Quarterly journal of the Chemical Society of London
The Chemist
The chemist and druggist [electronic resource]
The Clinical biochemist. Reviews [electronic resource]
The European physical journal. B. [electronic resource]
The European physical journal. E, Soft matter [electronic resource]
The Industrial chemist and chemical manufacturer
Theoretical chemistry accounts [electronic resource]
Trends in biotechnology [electronic resource]
Journal of adhesion [electronic resource]
Journal of automatic chemistry [electronic resource]
Journal of biological chemistry [electronic resource]
Journal of physics and chemistry of solids [electronic resource]
The protein journal [electronic resource]
The Roundel
The Science of the total environment [electronic resource]
The science teacher [electronic resource]
Theilheimer's synthetic methods of organic chemistry
Theochem [electronic resource]
Theoretical and experimental chemistry [electronic resource]
Theoretical chemistry : advances and perspectives
Theoretical chemistry accounts [electronic resource]
TOHOKU IMPERIAL UNIVERSITY - SCIENCE REPORTS.SERIES 1:MATHEMATICS PHYSICS CHEMISTRY
Topics in antibiotic chemistry
Topics in Applied Chemistry [electronic resource]
Topics in catalysis [electronic resource]
Topics in current chemistry [electronic resource]
Topics in Heterocyclic Chemistry [electronic resource]
TOPICS IN LIPID CHEMISTRY
TOPICS IN MEDICINAL CHEMISTRY
Topics in Medicinal Chemistry [electronic resource]
Topics in Organometallic Chemistry [electronic resource]
TOPICS IN PHOSPHORUS CHEMISTRY
Toxicological and environmental chemistry [electronic resource]
Toxicological and environmental chemistry reviews
Transition metal chemistry : a series of advances
Transition metal chemistry [electronic resource]
Trends in analytical chemistry
Trends in analytical chemistry : TrAC [electronic resource]
Trends in biochemical sciences [electronic resource]
Ultrasonics sonochemistry [electronic resource]
Understanding Chemical Reactivity [electronic resource]
University chemistry education
Wilson and Wilson's comprehensive analytical chemistry [electronic resource]
Zeitschrift fur chemie

Zeitschrift für chemie und industrie der kolloide [electronic resource]
Zeitschrift für anorganische und allgemeine Chemie [electronic resource]
Zeitschrift für Naturforschung. A, A journal of physical sciences
Zeitschrift für Naturforschung. B, A journal of chemical sciences
Zeitschrift für physikalische chemie

Appendix 4

Other subscriptions and databases relevant to chemistry held at the JRUL

Databases:

Cambridge Scientific Abstracts
Chemical Database Service (CDS)
Compendex
Inspec
Medline
Reaxys
Science of Synthesis
SciFinder Scholar
Scopus
Web of Science
Zetoc

Standards and Patents:

Esp@cenet
Derwent Innovations Index
British Standards Online
ASTM Standards

Theses:

Dissertation Abstracts International
Index to Theses

Web:

Academic Google: (ac.uk)(.edu)
Google Scholar
Scirus
Chemindustry.com
Intute Chemistry

Bibliographic:

Landolt-Börnstein
Knovel Electronic Library