

Communicating Chemistry in “Chemistry”



Full Coverage: Since its inaugural issue in April 1995, *Chemistry—A European Journal* has strived to provide a top European forum for top quality Full Papers. Over the years the journal has gone from strength to strength and has continually looked to improve its service to readers and authors by adding new features (Table 1). The growth of the journal has been accompanied by two increases in frequency of publication, as well as by the addition of Concept articles. The success of *Chemistry—A European Journal* has also paved the way for the launch of several other European publishing projects together with our partnering Chemical Societies (Editorial Union of Chemical Societies (EU ChemSoc)). Over the last 10 years, the *European Journal of Organic Chemistry*, the *European Journal of Inorganic Chemistry*, *ChemPhysChem*, *ChemBioChem*, and more recently *ChemMedChem*, have all been successfully launched and become widely accepted and respected by the scientific community. These newer members of the European family offer authors the opportunity to publish research in specialist disciplines in different forms either as Full Papers, Communications, or Review-type articles. The flexibility offered by these journals allows them to offer full coverage of their respective fields, an aspect that is greatly appreciated by readers and authors alike.

Over the years the feedback from the community about the composition of *Chemistry—A European Journal* has focused on two main points: Communications and Reviews, and the current lack thereof. Following discussions with members of the Editorial Board and the Chairman of the Owners Society, the decision has now been taken to address these points and to offer our readership the full coverage in chemistry.

Call for Communications: This Editorial marks the formal launch of our “Call for Communications” in *Chemistry—A European Journal*. Our aim is to provide a vibrant European forum for top Communications in all branches of chemistry. Currently, there are two main alternatives to publish top, general-interest, Communications in Europe, namely, *Angewandte Chemie* (IF: 10.232) and *Chemical Communications* (IF: 4.521). In terms of the Impact Factors (IFs) of these

Table 1. Innovations at *Chemistry—A European Journal*.

1994	Editor: Peter Göltz Chairman of Editorial Board: Jean-Marie Lehn Call for Papers
1995	First issue April 1995
1996	New feature: Concepts
1997	Launch as independent journal First Owners Meeting in Amsterdam
1998	1000th manuscript received Full text online in Wiley InterScience First President of the Owners Society: Heindirk tom Dieck
1999	1000th Full Paper published
2000	Increase in publication frequency: 24 Issues New Editorial Board Members 100th Concept article published EarlyView
2001	Frontispiece for Concepts Frontispiece for Full papers
2002	New Editor: N. Compton Online-submission service launched
2003	New Chairman of the Editorial Board: Jan-Erling Bäckvall New President of the Owners Society: Wolfram Koch 5000th manuscript received 200th Concept article published
2004	Very Important Papers
2005	New Layout: Color Table of Contents
2006	Increase in publication frequency: 36 Issues 10000th manuscript received Special Issue to celebrate the 1st European Chemistry Congress
2007	New Feature: Spotlights Special Issue to celebrate the 150th Anniversary of the Société Française de Chimie (SFC)
2008	New Section: Communications New Section: Reviews New Layout: Integrated full-page graphics



two journals, there is a significant difference between the two. *Chemistry—A European Journal* (IF: 5.015), with an Impact Factor above that of *Chemical Communications*, will provide authors with a highly attrac-

tive third option. Regardless of the length or type of the articles submitted, our most important criterion will remain “quality first” as we strive to bring the best chemistry to our readers.

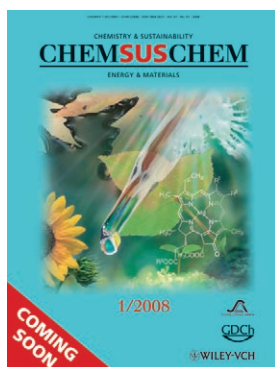
To ensure we provide an excellent all round service to our authors, we will extend our transfer program, which has worked efficiently for Full Papers, to Communications deemed to be more suitable for a specialized audience. The excellent network and close interaction of the Editorial Office of *Chemistry—A European Journal* with those of the other members of the European family of journals, namely the *European Journal of Organic Chemistry*, the *European Journal of Inorganic Chemistry*, *ChemPhysChem*, *ChemBioChem*, *ChemMedChem*, and *ChemSusChem*, as well as with the other specialized materials journals such as *Small*, *Ad-*

vanced Materials, and *Advanced Functional Materials*, and polymer journals such as the *Macromolecular Rapid Communications*, in the Wiley-VCH program, facilitates rapid decisions in such cases and allows the smooth transfer of content to the most appropriate specialized journal.

Concepts and More: During 2007 we published our 350th Concept article (Pattern-Based Peptide Recognition by E. V. Anslyn and B. E. Collins: *Chem. Eur. J.* **2007**, *13*, 4700) and we will continue to bring you the most interesting new developments and novel concepts throughout the year (a list of the published Concept articles is available on the journal homepage (www.chemeurj.org) under Special Features: Concept Articles).

In addition to continuing to publish the most interesting Concept articles, *Chemistry—A European Journal* will also publish a number of Reviews. The Reviews should provide a critical survey of selected material of interest to the general readership of the journal. Most of the Reviews will be invited by the Editorial Office. Should you be interested in submitting a Review Article to *Chemistry—A European Journal*, please contact the Editorial Office directly. Comprehensive details about the submission of Communications and Reviews are available in the updated version of the Notice to Authors on the journal homepage (www.chemeurj.org) under For Authors: Notice to Authors)

Publication Times Slashed: We are continuing to make major improvements in our publication times, which have



been cut by a further 22 days over the course of 2007. Over the last couple of years we have been addressing the mountain of accepted papers that have accom-

panied the success of the journal. We are confident of being able to make further improvements in 2008. Like all the journals in the European family, we can process papers extremely quickly in special cases.



Fast Lane: To aid our authors, templates for all article types (Concept, Review, Communication, and Full Paper) for submitting to manuscripts to *Chemistry—A European Journal* are now available on the journal homepage (www.chemeurj.org) together with the most recent version of the detailed Notice to Authors. Use of the template is highly recommended. Referees are far more willing to assess papers in which the layout better corresponds to that of a journal article, in which the graphical material and tables are situated at the most appropriate places in the text.

Table 2. Top 10 downloaded Concept articles published in 2006 in *Chemistry—A European Journal*.^[a]

Title	Authors	Citation
Organocatalysis Mediated by (Thio)urea Derivatives	S. J. Connon	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 5418
Self-Assembled Fluorescent Chemosensors	P. Tecilla, U. Tonellato et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 1844
Acceleration of Organic Reactions through Aqueous Solvent Effects	M. C. Pirrung	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 1312
From Dysfunction to Bis-function: On the Design and Applications of Functionalised Ionic Liquids	P. J. Dyson et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 2122
Microrreactors as Tools for Synthetic Chemists - The Chemists' Round-Bottomed Flask of the 21st Century?	P. H. Seeberger et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 8434
Self-Supported Chiral Catalysts for Heterogeneous Enantioselective Reactions	K. Ding	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 5188
Ligand-Template Directed Assembly: An Efficient Approach for the Supramolecular Encapsulation of Transition-Metal Catalysts	J. N. H. Reek and A. W. Kleij	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 4218
Palladium-Catalyzed Cross-Coupling Reactions of Silanolates: A Paradigm Shift in Silicon-Based Cross-Coupling Reactions	S. E. Denmark and J. D. Baird	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 4954
Organic Reaction Pathways in the Nonaqueous Synthesis of Metal Oxide Nanoparticles	M. Niederberger, G. Garnweitner	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 7282
Silica Self-Assembly and Synthesis of Microporous and Mesoporous Silicates	D. G. Vlachos, R. F. Lobo et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 2926

[a] Data taken for period up to October 31, 2007.

Table 3. Top 10 downloaded Full Papers published in 2006 in *Chemistry—A European Journal*.^[a]

Title	Authors	Citation
Easily Prepared Air- and Moisture-Stable Pd–NHC (NHC=N-Heterocyclic Carbene) Complexes: A Reliable, User-Friendly, Highly Active Palladium Precatalyst for the Suzuki–Miyaura Reaction	M. G. Organ et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 4743
(NHC)Copper(I)-Catalyzed [3+2] Cycloaddition of Azides and Mono- or Disubstituted Alkynes	S. P. Nolan et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 7558
A User-Friendly, All-Purpose Pd–NHC (NHC=N-Heterocyclic Carbene) Precatalyst for the Negishi Reaction: A Step Towards a Universal Cross-Coupling Catalyst	M. G. Organ, et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 4749
Rapid Room Temperature Buchwald–Hartwig and Suzuki–Miyaura Couplings of Heteroaromatic Compounds Employing Low Catalyst Loadings	S. P. Nolan et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 5142
Direct Asymmetric Intermolecular Aldol Reactions Catalyzed by Amino Acids and Small Peptides	A. Cordova et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 5383 ^[b]
Near Monodisperse TiO ₂ Nanoparticles and Nanorods	Y. Li et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 2383
One-Pot Synthesis and Bioapplication of Amine-Functionalized Magnetite Nanoparticles and Hollow Nanospheres	Y. Li et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 6341
Platinum- and Gold-Catalyzed Rearrangement Reactions of Propargyl Acetates: Total Syntheses of (–)- α -Cubebene, (–)-Cubebol, Sesquicarene and Related Terpenes	A. Fürstner, P. Hannen	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 3006
Use of Carbonaceous Polysaccharide Microspheres as Templates for Fabricating Metal Oxide Hollow Spheres	Y. Li et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 2039
A Versatile and Efficient Ligand for Copper-Catalyzed Formation of C–N, C–O, and P–C Bonds: Pyrrolidine-2-Phosphonic Acid Phenyl Monoester	H. Fu et al.	<i>Chem. Eur. J.</i> 2006 , <i>12</i> , 3636

[a] Data taken for period up to October 31, 2007. [b] See also corrigendum to this paper: *Chem. Eur. J.* **2006**, *12*, 5175.

Fully Loaded: The numbers of full-text downloads for articles published in *Chemistry—A European Journal* have again risen sharply, at a rate outstripping the rise in the number of published articles. The top 10 downloaded Concept articles and Full Papers published in 2006 are given in Tables 2 and 3, respectively. The newer data for papers published in 2007 are given in Tables 4 and 5, respectively. The data in these tables show the diversity of topics that are interesting most of our readers.

Global Appeal: The submissions to *Chemistry—A European Journal* grew again by more than 10% overall. The increasing global appeal of the journal is clearly illustrated by the major increases in the numbers of submissions from the USA (+49%), Canada (+40%), and China (+31%). Overall the journal received submissions from 46 countries. Among the countries from the Owner Societies, notable in-

creases were seen last year for the Czech Republic and Austria.



Layout Changes:

This issue also marks a few minor changes to the layout of the journal. To improve the citability of Concept articles and the articles with a front-

ispiece at the beginning of the Full Paper section, the full-page graphical material is now better integrated into the articles (see, for example, the Concept articles in this issue on p. 26 and p. 40).

Table 4. Top 10 downloaded Concept articles published in 2007 in *Chemistry—A European Journal*.^[a]

Title	Authors	Citation
Phosphorescent Dyes for Organic Light-Emitting Diodes	P.-T. Chou, Y. Chi	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 380
Catalytic Applications of Metal Nanoparticles in Imidazolium Ionic Liquids	P. Migowski, J. Dupont	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 32
Ionic Liquids for Soft Functional Materials with Carbon Nanotubes	T. Fukushima, T. Aida	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 5048
The Combined Use of Microwaves and Ultrasound: Improved Tools in Process Chemistry and Organic Synthesis	G. Cravotto, P. Cintas	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 1902
Selective Catalysis and Nanoscience: An Inseparable Pair	A. Zecchina et al.	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 2440
“Chiral Amnesia” as a Driving Force for Solid-Phase Homochirality	D. G. Blackmond	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 3290
Carbohydrates as Synthetic Tools in Organic Chemistry	M. M. K. Boysen	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 8648
Overcoming the Demons of Protecting Groups with Amphoteric Molecules	A. K. Yudin, Ryan Hili	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 6538
Enantioselective Radical Cyclizations: A New Approach to Stereocontrol of Cascade Reactions	H. Miyabe, Y. Takemoto	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 7280
Fluorescent Sensors for the Detection of Chemical Warfare Agents	M. Burnworth, S. J. Rowan, C. Weder	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 7828

[a] Data taken for period up to October 31, 2007.

Table 5. Top 10 downloaded Full Papers published in 2007 in *Chemistry—A European Journal*.^[a]

Title	Authors	Citation
Photoluminescence and Conductivity of Self-Assembled π - π Stacks of Perylene Bisimide Dyes	F. Würthner et al.	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 436
Organocatalyzed Highly Enantioselective Direct Aldol Reactions of Aldehydes with Hydroxyacetone and Fluoroacetone in Aqueous Media: The Use of Water To Control Regioselectivity	L.-Z. Gong et al.	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 689
Total Synthesis of Five Thapsigargin: Guaianolide Natural Products Exhibiting Sub-Nanomolar SERCA Inhibition	S. V. Ley et al.	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 5688
Total Syntheses of the Actin-Binding Macrolides Latrunculin A, B, C, M, S and 16- <i>epi</i> -Latrunculin B	A. Fürstner et al.	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 115
Nickel(II) Complexes of Bidentate N-Heterocyclic Carbene/Phosphine Ligands: Efficient Catalysts for Suzuki Coupling of Aryl Chlorides	H. M. Lee et al.	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 582
Enantioselective Michael Addition of α -Substituted Cyanoacetates to Vinyl Ketones Catalyzed by Bifunctional Organocatalysts	Y.-C. Chen et al.	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 319
Intra- and Intermolecular Reactions of Indoles with Alkynes Catalyzed by Gold	A. M. Echavarren et al.	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 1358
Biaryls Made Easy: PEPPSI and the Kumada–Tamao–Corriu Reaction	M. G. Organ et al.	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 150
Ionic Self-Assembly of Ammonium-Based Amphiphiles and Negatively Charged Bodipy and Porphyrin Luminophores	F. Camerel, R. Ziessel et al.	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 2189
Catalytic Enantioselective Domino Oxa-Michael/Aldol Condensations: Asymmetric Synthesis of Benzopyran Derivatives	A. Córdova et al.	<i>Chem. Eur. J.</i> 2007 , <i>13</i> , 574

[a] Data taken for period up to October 31, 2007.

Anniversaries and Celebrations Past: In 2007, Wiley celebrated its 200th anniversary, and the year also saw the completion of the successful acquisition of Blackwell Publishing (Holdings) Ltd. The combined program will publish approximately 1250 peer-reviewed journals as well as an extensive book program. One of our major Society partners, the Société Française de Chimie (SFC), marked their 150th anniversary. The *European Journal of Organic Chemistry* and the *European Journal of Inorganic Chemistry* both celebrated their 10th anniversaries in style with memorable special issues.

Last year was also a notable one for two of the most respected members of our Editorial Board, Professor J. Fraser Stoddart was knighted by the Queen, and Professor Gerhard Ertl was awarded the Nobel Prize for Chemistry.



J. F. Stoddart



G. Ertl

We would also like to use this opportunity to congratulate the Chairman of our Editorial Board, Professor Jan-Erling Bäckvall, who celebrated his 60th birthday in December last year.

In the Editorial Office, Anne Deveson celebrated 10 years of service with *Chemistry—A European Journal*, and Peter Göllitz notched up 25 years service as Editor-in-Chief of *Angewandte Chemie*.



J.-E. Bäckvall



P. Göllitz



A. Deveson

The Year Ahead: Not only will this year see the launch of Communications in *Chemistry—A European Journal*, but it will also be another significant year for profiling top chemistry on a European stage. Following on from the highly successful 1st European Chemistry Congress in Budapest in 2006, the 2nd European Chemistry Congress will take place in Turin in September 2008. Details of the event can be found on the Conference Website (www.euchemst torino2008.it). This year will



also see the publication of the 300th issue of *Chemistry—A European Journal*, and the new journals *ChemMedChem* and *Chemistry—An Asian Journal* will be eagerly awaiting their first Impact Factors in the summer.

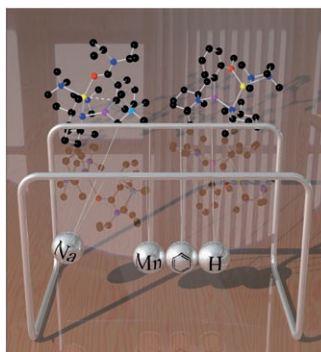
Family Developments: Following on from the successful increase in the publication frequency of the *European Journal of Organic Chemistry*, the *European Journal of Inorganic Chemistry*, *ChemBioChem*, and *ChemPhysChem* last year, the first issue of the newest member of the European

family of Journals, *ChemSusChem*, which is dedicated to sustainable chemistry, including green chemistry, sustainable chemicals and materials, environment, and renewable alternative energies, will appear shortly. Several fascinating articles in this new and exciting field are already available on Early View on the journal homepage (www.ChemSusChem.org).

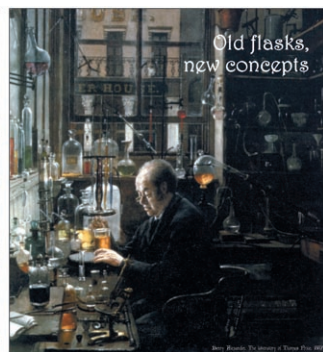
Closer Ties: The 14 Chemical Societies (Editorial Union of Chemical Societies, EU ChemSoc) associated with *Chemistry—A European Journal* and the other members of the European family of journals and the 8 Chemical Societies (Asian Chemical Editorial Society, ACES) associated with *Chemistry—An Asian Journal* have strengthened their ties and are now supporting each others' ventures. These associations are prime examples of the commitment of Wiley-VCH as an excellent publishing partner for Chemical Societies.

Bright Future: A new web platform is currently being developed to provide an even better service for our authors and readers. It will encompass the best points from Wiley InterScience and Blackwell Synergy, together with a host of new features and functionality that will have benefits to scientists of all disciplines.

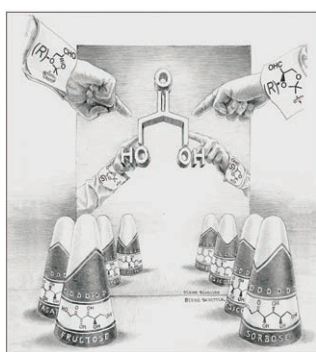




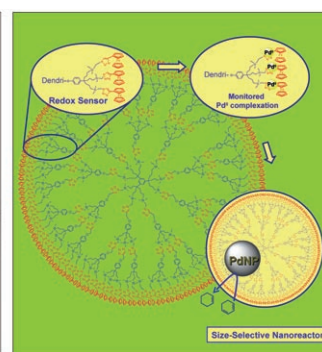
Cover: R. Mulvey et al.



Concept: V. Balzani, A. Credi, M. Venturi



Concept: R. Mahrwald and M. Markert



Frontispiece: D. Astruc et al.

We are determined to continue improving the journal over the coming year. The desire of top authors to publish in *Chemistry—A European Journal*, and the quality of the papers published to date led to a rise in the Impact Factor for the journal for the 5th successive year to 5.015, well above that of its main European counterpart the *New Journal of Chemistry* (IF: 2.647). We published over 10000 pages of top chemistry in 2007, which represents an increase of approximately 10% compared with 2006 in terms of articles published, and we aim to provide our readers with even more of the best chemistry on offer in 2008.

Off to a Flyer: This issue contains Concept articles by M. Markert and R. Mahrwald on organocatalyzed Aldol additions (see p. 26) and by V. Balzani, A. Credi, and M. Venturi on processing energy and signals by molecular and supramolecular systems (see p. 40). The cover of this issue features work by R. Mulvey and co-workers on alkali-metal-mediated manganation of functionalized arenes (see p. 65) and the frontispiece at the beginning of the Full Paper section describes fascinating work on “click” dendrimers by D. Astruc and co-workers (see p. 50). The 34 Full Papers in this issue illustrate the full coverage of chemistry provided by *Chemistry—A European Journal*.

To close, I would like to thank all the referees and Editorial Board members for their support and advice, and all the authors for their excellent chemistry that we have published to date. I would also like to remind you that you can now send us your best chemistry either as a Communication, Full Paper, Concept, or Review. We are looking forward to the new challenges associated with the development of the journal and the opportunity to publish even more of most interesting chemistry in the world.

Neville Compton

Neville Compton, Editor

