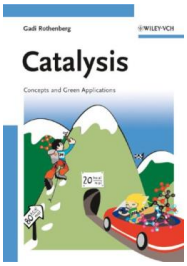
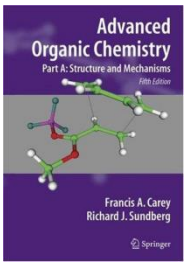
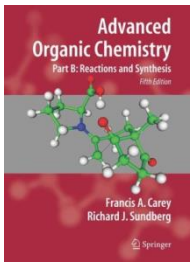
E-books Chemistry (MDSC)



Project Katalyse (435102)
G. Rothenberg, Catalysis: Concepts and Green Applications, Wiley-VCH, 2008.

Physical Organic Chemistry (435663)

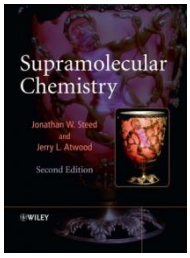


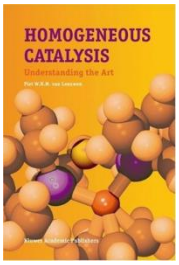


previous book:
F.A. Carey, R.J. Sundberg, Advanced Organic Chemistry, Part A: Structure and Mechanisms, Springer, 5th ed. 2007

Synthetic Organic Chemistry (435665)

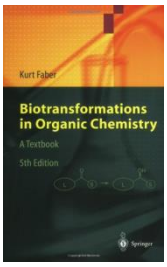
previous book:
F.A. Carey, R.J. Sundberg, Advanced Organic Chemistry, Part B: Reaction and Synthesis, Springer, 5th ed. 2007

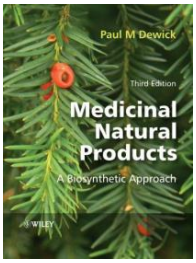




Supramolecular Chemistry and Nanomaterials (435653)
J. W. Steed, J. L. Atwood, Supramolecular Chemistry, 2nd edition
Wiley-VCH, 2009

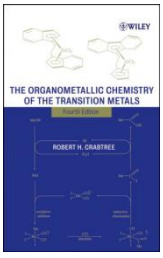
Homogeneous Catalysis (435668)
P.W.N.M. van Leeuwen, Homogeneous Catalysis: Understanding the Art, Springer, 2004

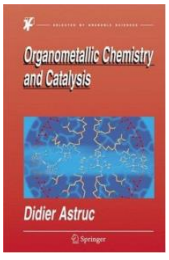


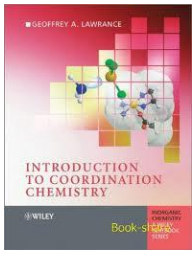


Bio-Organic Chemistry (435669)
K. Faber, Biotransformations in Organic Chemistry, Springer, 6th ed. 2011
&
Medicinal Natural Products: A Biosynthetic Approach, 3rd Edition
Paul M. Dewick, Wiley-VCH, 2009

Coordination and Organometallic Chemistry (435664)





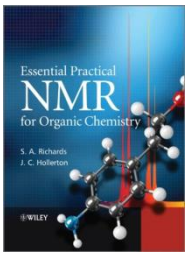


The Organometallic Chemistry of the Transition Metals, 4th Edition, Robert H. Crabtree, *Wiley-VCH*, 2009

Related book: Organometallic Chemistry and Catalysis
Didier Astruc, Springer, 2007

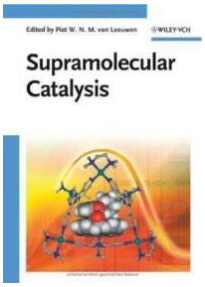
Related book: Introduction to Coordination Chemistry
L. A. Laurance, Wiley-VCH, 2009

Nuclear Magnetic Resonance (435667)

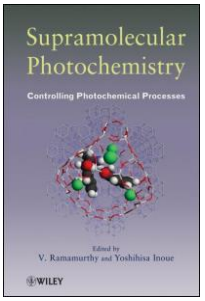


Related book: Essential Practical NMR for Organic Chemistry
S. A. Richards, J. C. Hollerton, Wiley-VCH, 2010

Some other interesting books…



Supramolecular Catalysis
Piet van Leeuwen, Wiley-VCH, 2008



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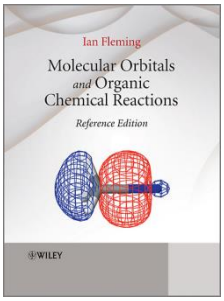
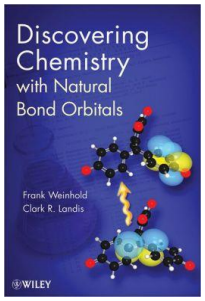
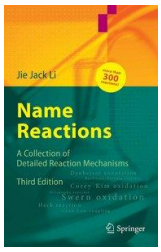
V. Ramamurthy, Yoshihisa Inoue, Wiley, 2011



Molecular Orbitals and Organic Chemical Reactions
Ian Fleming, Wiley, 2010

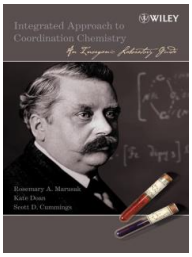


Discovering Chemistry with Natural Bond Orbitals
Frank Weinhold, Clark R. Landis, Wiley, 2010



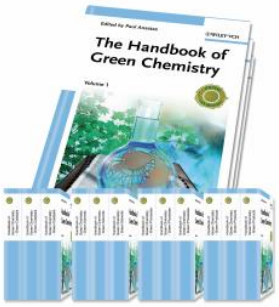
Name Reactions
A Collection of Detailed Mechanisms and Synthetic Applications
Jie Jack Li, Springer, 2009

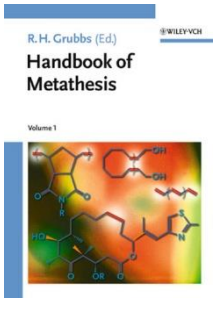
Integrated Approach to Coordination Chemistry: An Inorganic Laboratory Guide
Rosemary A. Marusak, Kate Doan, Scott D. Cummings, *Wiley-VCH*, 2007



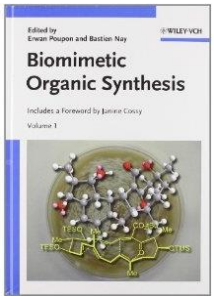
Handbook of Green Chemistry (9 volumes)

1. Homogeneous Catalysis
2. Heterogeneous Catalysis
3. Biocatalysis
4. Supercritical Solvents
5. Reactions in Water
6. Ionic Liquids in Synthesis
7. Green Synthesis
8. Green Nanoscience
9. Designing Safer Chemicals

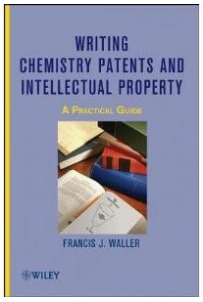




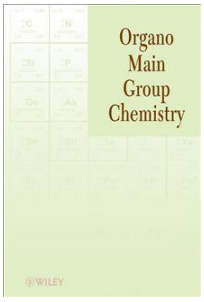
Handbook of Metathesis
Robert H. Grubbs, Wiley, 2008



Biomimetic Organic Synthesis
Erwan Poupon, Bastien Nay, Wiley, 2011



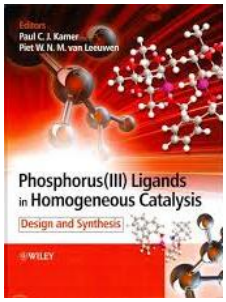
Writing Chemistry Patents and Intellectual Property: A Practical Guide
Francis J. Waller, Wiley, 2011



Organo Main Group Chemistry
Kin-Ya Akiba, Wiley, 2011

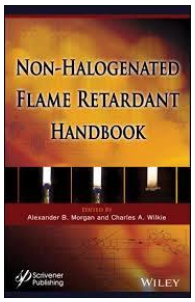
All Springer E-books, see: http://www.springerlink.com/chemistry-and-materials-science/books/

Phosphorus(III) Ligands in Homogeneous Catalysis: Design and Synthesis
Paul C. J. Kamer, Piet W. N. M. van Leeuwen, Wiley, 2012

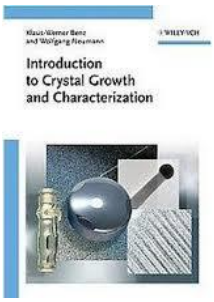


Ciba Foundation Symposium 57 - Phosphorus in the Environment: Its Chemistry and Biochemistry
Ruth Porter, David W. Fitzsimons, Wiley, 2008

Non-Halogenated Flame Retardant Handbook
Alexander B. Morgan, Charles A. Wilkie, Wiley, 2014

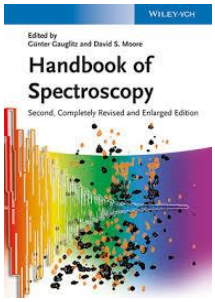


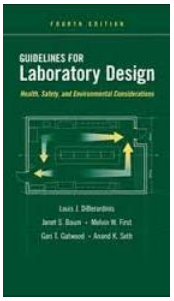
Introduction to Crystal Growth and Characterization
Klaus-Werner Benz, Wolfgang Neumann, Wiley, 2014

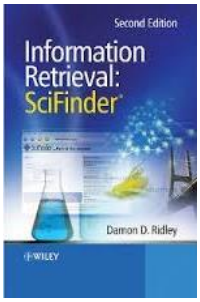


Handbook of Spectroscopy: Second, Enlarged Edition
Günter Gauglitz, David S. Moore, Wiley, 2014

Guidelines for Laboratory Design: Health, Safety, and Environmental Considerations, 4th Edition, Wiley, 2013



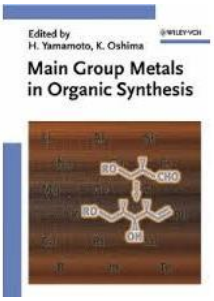


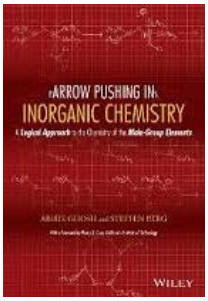


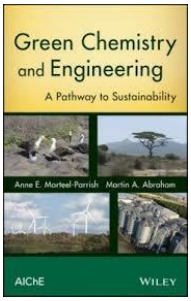
Information Retrieval: SciFinder®, Second Edition
Damon D. Ridley, Wiley, 2009

Main Group Metals in Organic Synthesis
Hisashi Yamamoto, Koichiro Oshima, Wiley, 2005

Arrow Pushing in Inorganic Chemistry: A Logical Approach to the Chemistry of the Main-Group Elements
Abhik Ghosh, Steffen Berg, Wiley, 2014





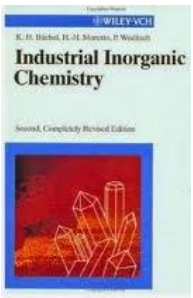


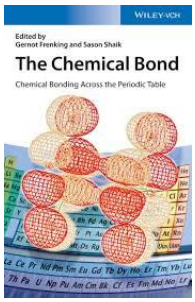
Green Chemistry and Engineering: A Pathway to Sustainability
Anne E. Marteel-Parrish, Martin A. Abraham, Wiley, 2014

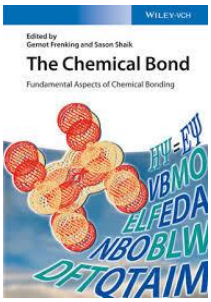
Industrial Inorganic Chemistry, 2nd Edition
K. H. Büchel, H.-H. Moretto, P. Woditsch, Wiley, 2007

The Chemical Bond: Chemical Bonding Across the Periodic Table
Gernot Frenking, Sason Shaik, Wiley, 2014

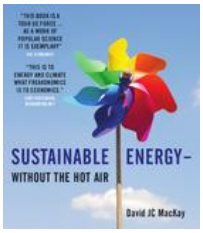
The Chemical Bond: Fundamental Aspects of Chemical Bonding
Gernot Frenking, Sason Shaik, Wiley, 2014

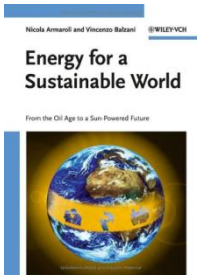






E-books (SES) *energy & sustainability*

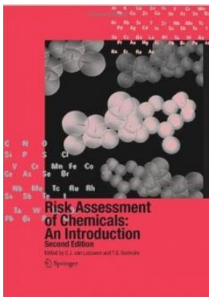


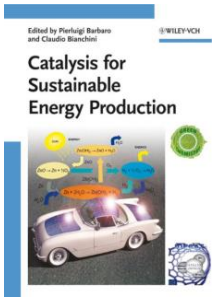


Current Sustainable Energy Technologies (422582)
Sustainable Energy – without the hot air
David JC MacKay, 2009

Encyclopedia of Sustainability Science and Technology 18 Volumes! Robert Meyers, Springer, 2012

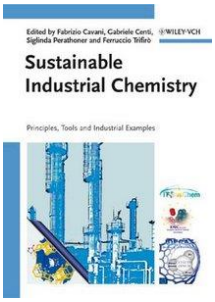
Energy for a Sustainable World: From the Oil Age to a Sun-Powered Future
Dr. Nicola Armaroli, Prof. Vincenzo Balzani, Wiley-VCH, 2010

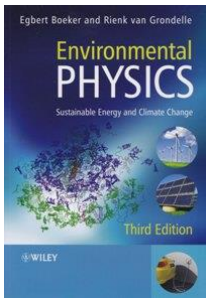




Environmental Chemistry (437004)
Risk assessment of chemicals: an introduction
Kees van Leeuwen, Theo Vermeire, Springer 2007, 2nd edn.

Catalysis for Sustainable Energy Production (##)
Pierluigi Barbaro, Claudio Bianchini, Wiley-VCH, 2009

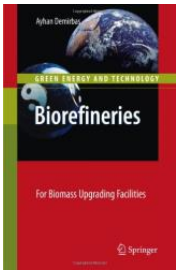


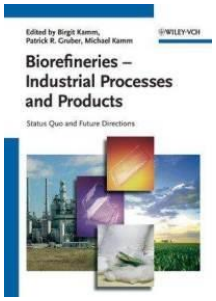


Sustainable Industrial Chemistry
Fabrizio Cavani, et al, Wiley, 2009

Environmental Physics: Sustainable Energy and Climate Change
Egbert Boeker, Rienk van Grondelle, Wiley, 2011

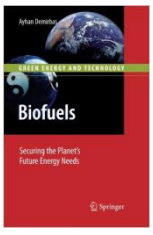
Bio-based Economy, some interesting books:

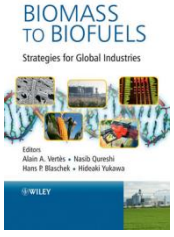




Biorefineries: for Biomass Upgrading Facilities
Ayhan Demirbas, Springer, 2010

Biorefineries-Industrial Processes and Products: Status Quo and Future Directions
Birgit Kamm, Patrick R. Gruber, Michael Kamm, Wiley, 2008

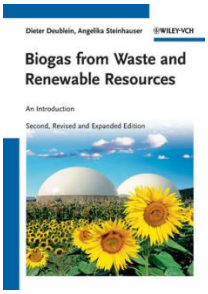




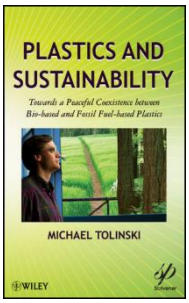
Biofuels: Securing the Planet's Future Energy Needs
Ayhan Demirbas, Springer, 2009

Biomass to Biofuels: Strategies for Global Industries
Alain A. Vertès, Nasib Qureshi, Hans P. Blaschek, Hideaki Yukawa, Wiley-VCH, 2010

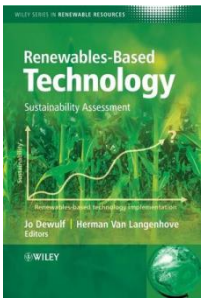
Biogas from Waste and Renewable Resources: An Introduction
Dieter Deublein, Angelika Steinhauser, Wiley, 2010, 2nd edition



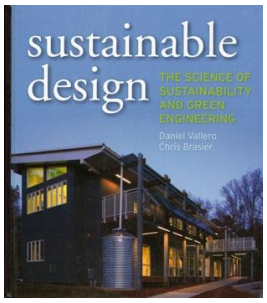
Plastics and Sustainability: Towards a Peaceful Coexistence between Bio-based and Fossil Fuel-based Plastics
Michael Tolinski, Wiley, 2011



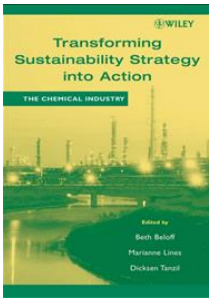
Renewables-Based Technology: Sustainability Assessment
Jo Dewulf, Herman Van Langenhove, Wiley, 2006



Sustainable Design: The Science of Sustainability and Green Engineering
Daniel Vallero, Chris Brasier, Wiley, 2008



Transforming Sustainability Strategy into Action: The Chemical Industry
Beth Beloff, Marianne Lines, Dicksen Tanzil, Wiley, 2005



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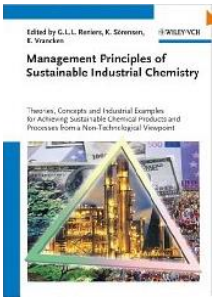

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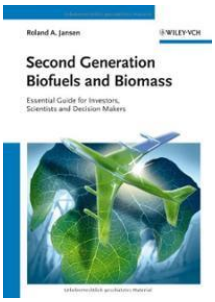

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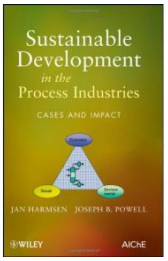

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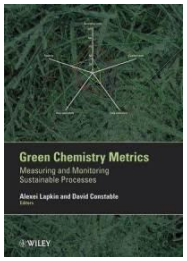

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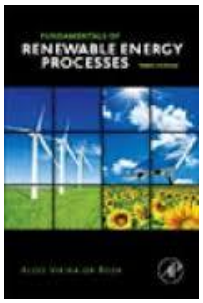

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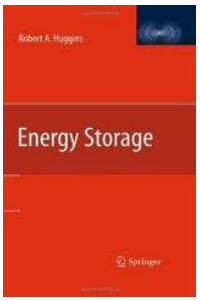

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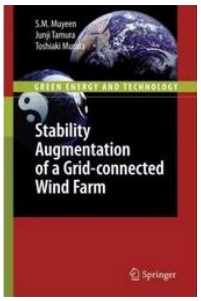

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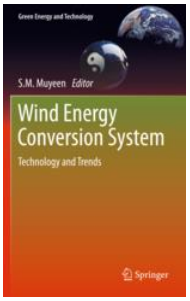

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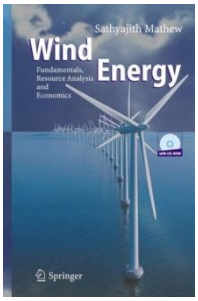

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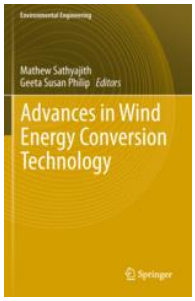

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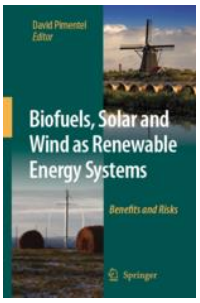

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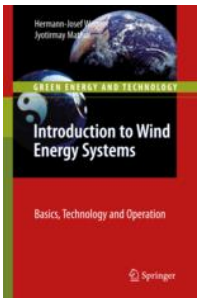

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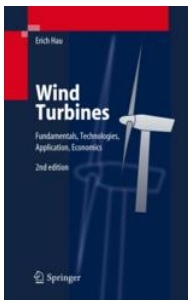

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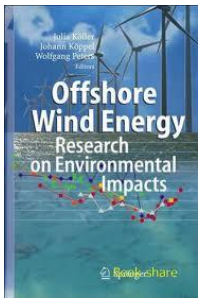

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