

Liste des dernières acquisitions du CRD

Acquisitions 2021

Localisation bibliothèque

- [Computational methods in organometallic catalysis - From elementary reactions to mechanisms](#)
LAN Y.
Wiley, 2021
B-H080
- [Organic redox chemistry](#)
YOSHIDA J.-I., PATUREAU F. W.
Wiley, 2022
B-C131
- [Nitroalkanes : Synthesis, reactivity, and applications](#)
BALLINI R., PALMIERI A.
Wiley, 2021
B-C130
- [Modern aryne chemistry](#)
BIJU, A. T.
Wiley, 2021
B-C129
- [Axially chiral compounds - Assymetric synthesis and applications](#)
TAN B.
Wiley, 2021
B-C128
- [CO2 as a building block in organic synthesis](#)
DAS S.
Wiley, 2020
B-C127
- [Manganese catalysis in organic synthesis](#)
SORTAIS J.-B.
Wiley, 2022
B-E114
- [Metal oxide nanoparticles - vol 1](#)
DIWALD O., BERGER T.
Wiley, 2022
B-G079-1

- [Metal oxide nanoparticles - vol 2](#)
DIWALD O., BERGER T.
Wiley, 2022
B-G079-2
- [Graphdiyne](#)
LI Y.
Wiley, 2022
B-G078
- [Nanogap electrodes](#)
LI T.
Wiley, 2021
B-G077
- [Introduction to solid state physics for materials engineers](#)
ZOLOTOYABKO E.
Wiley, 2021
B-G076
- [Electrocatalysis in balancing the natural carbon cycle](#)
WANG Y.
Wiley, 2021
B-E113
- [Solid State NMR : principles, methods and applications](#)
MÜLLER K., Geppi M.
Wiley, 2021
B-B231
- [Dendrimer chemistry : synthetic approaches towards complex architectures](#)
MALKOCH M., GALLEGO S. G.
RSC, 2020
B-A126
- [Carbon monoxide in organic synthesis : carbonylation chemistry](#)
GABRIELE B.
Wiley, 2022
B-E112
- [Asymmetric hydrogenation and transfer hydrogenation](#)
RATOVELOMANANA-VIDAL V., PHANSAVATH P.
Wiley, 2021
B-E111
- [Chiral ligands : evolution of ligand libraries for asymmetric catalysis](#)
DIEGUEZ M.

Wiley, 2021
B-E110

- [Solar-to-chemical conversion](#)
SUN H.
Wiley, 2021
B-A125
- [Asymmetric organo-metal catalysis : concepts, principles, and applications](#)
GONG L.-Z.
Wiley, 2022
B-E109
- [Therapeutic nanomaterials](#)
GULER M. O., TEKINAY B.
Wiley, 2016
B-F063
- [Copper catalysis in organic synthesis](#)
ANILKUMAR G., SARANYA, S.
Wiley, 2020
B-C126
- [Reducing agents in colloidal nanoparticles synthesis](#)
MOURDIKOU DIS S.
RSC, 2021
B-B230
- [Nanoparticles in catalysis : Advances in synthesis and applications](#)
PHILIPPOT K., ROUCOUX A.
Wiley, 2021
B-E108
- [Etonnante chimie](#)
PRADIER C.-M.
CNRS EDITIONS, 2021
B-I024

Localisation salle de lecture

☐ Molecular catalysis

- [Frustrated Lewis pairs](#)
SLOOTWEG J. C.

Molecular catalysis, vol. 2
Springer, 2021

- [Recent advances in nanoparticle catalysis](#)
LEEUVEN P. W. N. M., CARMEN C.
Molecular catalysis, vol. 1
Springer, 2020

☐ Advances in Inorganic Chemistry

- [Recent highlights](#)
van ELDIK R., C. HUBBARD
Advances in Inorganic Chemistry, Vol. 78
Academic Press, 2021
- [Catalysis in Biomass Conversion](#)
FORD P. C., van ELDIK R.
Advances in Inorganic Chemistry, vol. 77
Academic Press, 2021

☐ Advances in Organometallic Chemistry

- [Advances in Organometallic Chemistry vol.75](#)
PEREZ P. J. (Ed.)
Academic Press, 2021
- [Advances in Organometallic Chemistry vol.76](#)
PEREZ P. J. (Ed.)
Academic Press, 2021

☐ Chimie et...

- [Chimie et lumière](#)
DINH-AUDOUIN M.-T., OLIVIER D., RIGNY P.
EDP Sciences, 2020
- [Chimie et nouvelles thérapies](#)
DINH-AUDOUIN M.-T., OLIVIER D., RIGNY P.
EDP Sciences, 2020

☐ Topics in Organometallic Chemistry

- [Nanoparticles in catalysis](#)
ORO, L. A.
Topics in Organometallic Chemistry, vol. 69
Springer, 2021

- [Metal-ligand co-operativity - Catalysis and the pincer-metal platform](#)
van KOTEN, G. ; KIRCHNER, K. ; MORET, M.-E.
Topics in Organometallic Chemistry, vol. 68
Springer, 2021
- [New directions in the modelling of organometallic reactions](#)
LLEDOS, A. ; UJAQUE, G.
Topics in Organometallic Chemistry, vol. 67
Springer, 2020
- [Nanoparticles in catalysis](#)
KOBAYASHI, S.
Topics in Organometallic Chemistry, vol. 66
Springer, 2020

□ Structure and Bonding

- [21st century challenges in chemical crystallography - part II - Structural correlations and data interpretation](#)
MINGOS, D. M. P. ; RAITHBY P. R.
Structure and Bonding, Vol. 186
Springer, 2020
- [21st century challenges in chemical crystallography - part I - History and technical developments](#)
MINGOS, D. M. P. ; RAITHBY P. R.
Structure and Bonding, Vol. 185
Springer, 2020
- [New developments in adsorption/separation of small molecules by zeolites](#)
MINGOS, D. M. P. ; VALENCIA S. ; REY F.
Structure and Bonding, Vol. 184
Springer, 2020
- [Dyes and photoactive molecules in microporous systems](#)
MINGOS, D. M. P. ; MARTINEZ-MARTINEZ V. ; ARBELOA F. L.
Structure and Bonding, Vol. 183
Springer, 2020
- [The periodic table II](#)
MINGOS, D. M. P.
Structure and Bonding, Vol. 182
Springer, 2019

Acquisitions 2020

Localisation bibliothèque

- [Artificially intelligent nanomaterials for environmental engineering](#)
WANG, P. ; CHANG, J. ; ZHANG L.
Wiley, 2019
B-G074
- [Deep eutectic solvents - Synthesis, properties, and applications](#)
RAMON D. J., GUILLENA G.
Wiley, 2020
B-B229
- [Organometallic chemistry in industry : a practical approach](#)
COLACOT T. J., JOHANSSON SEECHURN C. C. C., GRUBBS R. H.
Wiley, 2020
B-A124
- [Nanomaterials in advanced medicine](#)
HOSSEINKHANI H.
Wiley, 2019
B-G073
- [Nanosponges - synthesis and applications](#)
TROTTA F., MELE A.
Wiley, 2019
B-G072
- [Sustainable polymers from biomass](#)
TANG C., RYU C.
RSC, 2017
B-C123
- [Macromolecules incorporating transition metals : tackling global challenges](#)
AABD-EL-AZIZ A. S., AGATEMOR C., WONG W.-Y.
RSC, 2018
B-D212
- [Biomolecular and bioanalytical techniques : theory, methodology and applications](#)
RAMESH V.
Wiley, 2019
B-G071
- [Introduction to porous materials](#)
van der VOORT P., LEUS K., de CANK E.

Wiley, 2019
B-B228

- [History of nanotechnology : from prehistoric to modern times](#)
SHARON M.
Wiley, 2019
B-I023
- [Application of nanotechnology in water research](#)
KUMAR MISHRA A.
Wiley, 2014
B-D211
- [Early main group metal catalysis : concepts and reactions](#)
HARDER S.
Wiley, 2020
B-E107
- [Nickel catalysis in organic synthesis - Methods and reactions](#)
OGOSHI S.
Wiley, 2020
B-C124
- [Cobalt catalysis in organic synthesis - Methods and reactions](#)
HAPKE M. ; HILT G.
Wiley, 2020
B-C123
- [Supramolecular chemistry in water](#)
KUBIK S.
Wiley, 2019
B-A123
- [Green oxidation in organic synthesis](#)
JIAO N., STAHL S.
Wiley, 2019
B-C122
- [Vibrational spectra of organometallics](#)
MASLOWSKY E.
Wiley, 2020
B-B227
- [Catalyst immobilization - Methods and applications](#)
BENAGLIA M., PUGLISI A.
Wiley, 2020
B-E106

- [Neglected tropical diseases](#)
SWINNEY D. C., POLLASTRI M. P.
Wiley, 2019
B-F062
- [Metal based anticancer agents](#)
CASINI A., VESSIERES A., MEIER-MENCHES S. M.
RSC, 2019
B-F061
- [Click polymerization](#)
QIN A. ; TANG B. Z.
RSC, 2018
B-C121
- [Flow chemistry - Integrated approach for practical applications](#)
LUIS S. V. ; GARCIA-VERDUGO E.
RSC, 2019
B-B226
- [Electrochromic smart materials : fabrication and applications](#)
XU J. W., CHUA M. H., SHAH K. W.
RSC, 2019
B-G070
- [NMR methods for characterization of synthetic and natural polymers](#)
ZHANG R. ; MIYOSHI, Y. ; SUN, P.
RSC, 2019
B-B225
- [Handbook of chemistry and physics : 100th edition 2019-2020]
RUMBLE J. R.
CRC Press, 2019
Salle de lecture
- [Antimicrobial materials for biomedical applications](#)
DOMB A. J. ; KUNDURU K. R. ; FARAH S.
Wiley, 2019
B-G069
- [Asymmetric metal catalysis in enantioselective domino reactions](#)
PELLISSIER H.
Wiley, 2019
B-E104
- [Homogeneous hydrogenation with non precious catalysts](#)
TEICHERT J. F.
Wiley, 2020
B-E103

- [Rhodium catalysis in organic synthesis](#)
TANAKA K.
Wiley, 2019
B-C120
- [Ruthenium complexes - Photochemical and biomedical applications](#)
HOLDER A. A. ; LILGE L. ; BROWNE W. R. ; LAWRENCE M. A. W. ;
BULLOCK Jr. J. L.
Wiley, 2018
B-D210
- [Chemical biology of neurodegeneration - A molecular approach](#)
MERINO P.
Wiley, 2019
B-F060
- [C-H activation for asymmetric synthesis](#)
COLOBERT F., WENCEL-DELORD J.
Wiley, 2019
B-E103
- [Catalysis from A to Z - A concise encyclopedia \[5 volumes\]](#)
CORNILS B., HERMANN W. A., XU J.-H., ZANTHOFF H.-W.
Wiley, 2020
Salle de lecture (exclu du prêt)

Localisation salle de lecture

Topics in Organometallic Chemistry

- [Organometallics in process chemistry](#)
COLACOT T. J. ; SIVAKUMAR V.
Topics in Organometallic Chemistry, vol. 65
Springer, 2019

Structure and Bonding

- [The periodic table I - Historical development and essential features](#)
MINGOS D. M. P.
Structure and Bonding, Vol. 181
Springer, 2019

☐ Advances in Organometallic Chemistry

- [Advances in Organometallic Chemistry vol.74](#)
PEREZ P. J. (Ed.)
Academic Press, 2020
- [Advances in Organometallic Chemistry vol.73](#)
PEREZ P. J. (Ed.)
Academic Press, 2020

☐ Advances in Inorganic Chemistry

- [Nanoscale coordination chemistry](#)
RUIZ-MOLINA D., van ELDIK R.
Advances in Inorganic Chemistry, Vol. 76
Academic Press, 2020
- [Medicinal chemistry](#)
SADLER P. J. ; van ELDIK R.
Advances in Inorganic Chemistry, Vol. 75
Academic Press, 2020

☐ Inorganic syntheses

- [Inorganic syntheses, vol 37](#)
POWER P. P.
Wiley, 2018

☐ Chimie et...

- [Chimie et Alexandrie dans l'Antiquité](#)
DINH-AUDOIN M.-T., OLIVIER D., RIGNY P.
EDP Sciences, 2020

Acquisitions 2019

Localisation bibliothèque

- [Introduction to reticular chemistry : metal-organic framework and covalent organic framework](#)
YAGHI O.M., KALMUTZKI M. J., DIERCKX C. S.
Wiley, 2019
B-E100
- [Artificial metalloenzymes and metalloDNAzymes in catalysis : from design to applications](#)
DIEGUEZ M., BACKVALL J. E., PAMIES, O.
Wiley, 2018
B-C112
- [Single particle nanocatalysis : Fundamentals and applications](#)
XU W., ZHANG Y., CHEN T.
Wiley, 2019
B-E099
- [Conjugated polymers : perspective, theory, and new materials](#)
REYNOLDS J. R., THOMPSON B. C., SKOTHEIM T. A.
CRC Press, 2019
B-G066
- [Conjugated polymers : properties, processing, and applications](#)
REYNOLDS J. R., THOMPSON B. C., SKOTHEIM T. A.
CRC Press, 2019
B-G065
- [Transition metal-dinitrogen complexes](#)
YOSHIKI N.
Wiley, 2019
B-D204
- [N-heterocyclic carbenes in organocatalysis](#)
BIJU A. T., BRESLOW R.
Wiley, 2019
B-D203

- [Silver Catalysis in Organic Synthesis vol 1 et 2](#)
LI C. J., BI X.
Wiley, 2019
B-C111-1 et -2
- [Nanotechnology in Catalysis vol 1, 2 et 3](#)
SELS B., VAN de VOORDE M.
Wiley, 2017
B-E098-1, -2 et -3
- [Non-Noble Metal Catalysis : Molecular Approaches and Reactions](#)
KLEIN GEBBINK R. J. M., MORET M. E.
Wiley, 2019
B-E097
- [Glycochemical synthesis : Strategies and applications](#)
COSTA GUEDES da SILVA M. de F.
Wiley, 2018
B-D202
- [Alkane Functionalization](#)
POMBEIRO A. J. L., COSTA GUEDES da SILVA M. de F.
Wiley, 2018
B-D202
- [The Nature of the Mechanical Bond : From Molecules to Machines](#)
BRUNS C. J., STODDART J. F.
Wiley, 2016
B-D201
- [Noncovalent Interactions in Catalysis](#)
MAHMUDOV K. ; KOPYLOVICH M. N., GUEDES da SILVA M. F. C. ;
POMBEIRO A. J. L.
RSC, 2019
B-E096
- [Nanostructured Carbon Materials for Catalysis](#)
SERP P., MACHADO B.
RSC, 2015
B-G064

- [Paul Sabatier - Un chimiste visionnaire](#)
LATTES A.
Nouveau monde, 2019
B-A122
- [Smart inorganic polymers : Synthesis, properties and emerging applications in material and life sciences](#)
HEY-HAWKINS E., HISLLER M.
Wiley, 2019
B-D200

Localisation salle de lecture

☐ Advances in Organometallic Chemistry

- [Advances in Organometallic Chemistry vol.72](#)
PEREZ P. J.(Ed.)
Academic Press, 2019
- [Advances in Organometallic Chemistry vol.71](#)
PEREZ P. J. (Ed.)
Academic Press, 2019
- [Advances in Organometallic Chemistry vol.70](#)
PEREZ P. J. (Ed.)
Academic Press, 2018

☐ Structure and Bonding

- [Ligated transition metal clusters in solid-state chemistry](#)
HALET J. F.
Structure and Bonding, Vol. 180
Springer, 2019
- [Metallocofactors that Activate Small Molecules](#)
RIBBE M. W.
Structure and Bonding, Vol. 179
Springer, 2019
- [Structure and reactivity of metals in zeolite materials](#)
PEREZ-PARIENTE J., SANCHEZ-SANCHEZ M.
Structure and Bonding, Vol. 178
Springer, 2018

☐ Topics in Organometallic Chemistry

- [Organometallic magnets](#)
CHANDRASEKHAR V., POINTILLART F.
Topics in Organometallic Chemistry, vol. 64
Springer, 2019
- [Organometallics for green catalysis](#)
DIXNEUF P. H., SOULE J. F.
Topics in Organometallic Chemistry, vol. 63
Springer, 2019
- [Chiral Lewis acids](#)
MIKAMI K.
Topics in Organometallic Chemistry, vol. 62
Springer, 2018

☐ Chimie et...

- [Chimie, nanomatériaux, nanotechnologies](#)
DINH-AUDOUIN M.-T., OLIVIER D., RIGNY P.
EDP Sciences, 2019

☐ Advances in Inorganic Chemistry

- [Water Oxidation Catalysts](#)
van ELDIK R., HUBBARD C.
Advances in Inorganic Chemistry, Vol. 74
Academic Press, 2019
- [Computational chemistry](#)
van ELDIK R., PUCHTA R.
Advances in Inorganic Chemistry, Vol. 73
Academic Press, 2019
- [Materials for Sustainable Energy](#)
van ELDIK R., MACYK W.
Advances in Inorganic Chemistry, Vol. 72
Academic Press, 2018