

Pascal Van Der Voort

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363
papers

13,032
citations

59
h-index

92
g-index

410
ext. papers

14,962
ext. citations

6.3
avg, IF

6.69
L-index

#	Paper	IF	Citations
363	Periodic Mesoporous Organosilicas: from simple to complex bridges; a comprehensive overview of functions, morphologies and applications. <i>Chemical Society Reviews</i> , 2013 , 42, 3913-55	58.5	385
362	A Detailed Study of Thermal, Hydrothermal, and Mechanical Stabilities of a Wide Range of Surfactant Assembled Mesoporous Silicas. <i>Chemistry of Materials</i> , 2002 , 14, 2317-2324	9.6	311
361	Mixed-metal metal-organic frameworks. <i>Chemical Society Reviews</i> , 2019 , 48, 2535-2565	58.5	292
360	A New Templated Ordered Structure with Combined Micro- and Mesopores and Internal Silica Nanocapsules. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 5873-5877	3.4	267
359	Technologies for Arsenic Removal from Water: Current Status and Future Perspectives. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 13, ijerph13010062	4.6	219
358	Systematic study of the chemical and hydrothermal stability of selected Metal Organic Frameworks. <i>Microporous and Mesoporous Materials</i> , 2016 , 226, 110-116	5.3	197
357	Review of catalytic systems and thermodynamics for the Guerbet condensation reaction and challenges for biomass valorization. <i>Catalysis Science and Technology</i> , 2015 , 5, 3876-3902	5.5	175
356	Latent olefin metathesis catalysts. <i>Chemical Society Reviews</i> , 2009 , 38, 3360-72	58.5	165
355	A General Strategy for the Synthesis of Functionalised UiO-66 Frameworks: Characterisation, Stability and CO ₂ Adsorption Properties. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2154-2160	2.3	161
354	Synthesis, crystal structures, and luminescence properties of carboxylate based rare-earth coordination polymers. <i>Inorganic Chemistry</i> , 2012 , 51, 11623-34	5.1	160
353	Plugged hexagonal templated silica: a unique micro- and mesoporous composite material with internal silica nanocapsules. <i>Chemical Communications</i> , 2002 , 1010-1	5.8	159
352	Silylation of micro-, meso- and non-porous oxides: a review. <i>Microporous and Mesoporous Materials</i> , 1999 , 28, 217-232	5.3	157
351	MCM-48-Supported Vanadium Oxide Catalysts, Prepared by the Molecular Designed Dispersion of VO(acac) ₂ : A Detailed Study of the Highly Reactive MCM-48 Surface and the Structure and Activity of the Deposited VO _x . <i>Journal of Catalysis</i> , 2001 , 197, 160-171	7.3	153
350	Rationalization of the Synthesis of SBA-16: Controlling the Micro- and Mesoporosity. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 9027-9032	3.4	147
349	Surface modification of silica gels with aminoorganosilanes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1995 , 98, 235-241	5.1	146
348	Silylation of the Silica Surface A Review. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1996 , 19, 2723-2752	1.3	144
347	Enhanced selectivity of CO ₂ over CH ₄ in sulphonate-, carboxylate- and iodo-functionalized UiO-66 frameworks. <i>Dalton Transactions</i> , 2013 , 42, 4730-7	4.3	143

346	The Influence of the Alcohol Concentration on the Structural Ordering of Mesoporous Silica: Cosurfactant versus Cosolvent. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 10405-10411	3.4	137
345	Missing Linkers: An Alternative Pathway to UiO-66 Electronic Structure Engineering. <i>Chemistry of Materials</i> , 2017 , 29, 3006-3019	9.6	120
344	Understanding Intrinsic Light Absorption Properties of UiO-66 Frameworks: A Combined Theoretical and Experimental Study. <i>Inorganic Chemistry</i> , 2015 , 54, 10701-10	5.1	117
343	Synthesis of High-Quality MCM-48 and MCM-41 by Means of the GEMINI Surfactant Method. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 8847-8851	3.4	115
342	A photoluminescent covalent triazine framework: CO ₂ adsorption, light-driven hydrogen evolution and sensing of nitroaromatics. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 13450-13457	13	105
341	The remarkable catalytic activity of the saturated metal organic framework V-MIL-47 in the cyclohexene oxidation. <i>Chemical Communications</i> , 2010 , 46, 5085-7	5.8	103
340	Ordered mesoporous materials at the beginning of the third millennium: new strategies to create hybrid and non-siliceous variants. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 347-60	3.6	101
339	Ordered mesoporous phenolic resins: highly versatile and ultra stable support materials. <i>Advances in Colloid and Interface Science</i> , 2012 , 175, 39-51	14.3	99
338	A Ruthenium-Catalyzed Approach to the Friedländer Quinoline Synthesis. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 1625-1631	3.2	95
337	Influence of water in the reaction of γ -aminopropyltriethoxysilane with silica gel. A Fourier-transform infrared and cross-polarisation magic-angle-spinning nuclear magnetic resonance study. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1992 , 88, 3197-3200		94
336	Soft templated mesoporous carbons: Tuning the porosity for the adsorption of large organic pollutants. <i>Carbon</i> , 2017 , 116, 528-546	10.4	92
335	Supported Vanadium Oxide Catalysts: Quantitative Spectroscopy, Preferential Adsorption of V ⁴⁺ /V ⁵⁺ , and Al ₂ O ₃ Coating of Zeolite Y. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 8005-8012	3.4	91
334	The Role of Silanols in the Modification of Silica Gel with Aminosilanes. <i>Journal of Colloid and Interface Science</i> , 1995 , 170, 71-77	9.3	91
333	The coordinatively saturated vanadium MIL-47 as a low leaching heterogeneous catalyst in the oxidation of cyclohexene. <i>Journal of Catalysis</i> , 2012 , 285, 196-207	7.3	87
332	Luminescent Lanthanide MOFs: A Unique Platform for Chemical Sensing. <i>Materials</i> , 2018 , 11,	3.5	85
331	Synthesis, spectroscopy and catalysis of. <i>Chemistry - A European Journal</i> , 2000 , 6, 2960-70	4.8	80
330	Effect of porosity on the distribution and reactivity of hydroxyl groups on the surface of silica gel. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1991 , 87, 3899		80
329	Bipyridine-Based Nanosized Metal-Organic Framework with Tunable Luminescence by a Postmodification with Eu(III): An Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 11302-11310	3.8	79

328	Quantification of silanol sites for the most common mesoporous ordered silicas and organosilicas: total versus accessible silanols. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 642-50	3.6	79
327	Communication: DMRG-SCF study of the singlet, triplet, and quintet states of oxo-Mn(Salen). <i>Journal of Chemical Physics</i> , 2014 , 140, 241103	3.9	76
326	Covalent triazine frameworks in a sustainable perspective. <i>Green Chemistry</i> , 2020 , 22, 1038-1071	10	75
325	A fluorine-containing hydrophobic covalent triazine framework with excellent selective CO ₂ capture performance. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 6370-6375	13	74
324	Engineering a Highly Defective Stable UiO-66 with Tunable Lewis- Brønsted Acidity: The Role of the Hemilabile Linker. <i>Journal of the American Chemical Society</i> , 2020 , 142, 3174-3183	16.4	73
323	Metal-Organic Frameworks as Selective or Chiral Oxidation Catalysts. <i>Catalysis Reviews - Science and Engineering</i> , 2014 , 56, 1-56	12.6	73
322	Ship-in-a-bottle CMPO in MIL-101(Cr) for selective uranium recovery from aqueous streams through adsorption. <i>Journal of Hazardous Materials</i> , 2017 , 335, 1-9	12.8	72
321	Biocompatible Zr-based nanoscale MOFs coated with modified poly(ϵ -caprolactone) as anticancer drug carriers. <i>International Journal of Pharmaceutics</i> , 2016 , 509, 208-218	6.5	72
320	A homochiral vanadium-salen based cadmium bpdc MOF with permanent porosity as an asymmetric catalyst in solvent-free cyanosilylation. <i>Chemical Communications</i> , 2016 , 52, 1401-4	5.8	72
319	New Functionalized Metal-Organic Frameworks MIL-47-X (X = Cl, Br, CH ₃ , F ₃ , OH, DCH ₃): Synthesis, Characterization, and CO ₂ Adsorption Properties. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 22784-22796	3.8	72
318	Creation of VO _x Surface Species on Pure Silica MCM-48 Using Gas-Phase Modification with VO(acac) ₂ . <i>Journal of Physical Chemistry B</i> , 1998 , 102, 585-590	3.4	70
317	Synthesis of Supported Transition Metal Oxide Catalysts by the Designed Deposition of Acetylacetonate Complexes. <i>Langmuir</i> , 1999 , 15, 5841-5845	4	67
316	Surface and Structural Properties of Silica Gel in the Modification with γ -Aminopropyltriethoxysilane. <i>Journal of Colloid and Interface Science</i> , 1995 , 174, 86-91	9.3	67
315	Developing Luminescent Ratiometric Thermometers Based on a Covalent Organic Framework (COF). <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1932-1940	16.4	67
314	Estimation of the distribution of surface hydroxyl groups on silica gel, using chemical modification with trichlorosilane. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990 , 86, 3751		66
313	Supported vanadium oxide in heterogeneous catalysis: elucidating the structure-activity relationship with spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 2826-32	3.6	64
312	Acetylacetone Covalent Triazine Framework: An Efficient Carbon Capture and Storage Material and a Highly Stable Heterogeneous Catalyst. <i>Chemistry of Materials</i> , 2018 , 30, 4102-4111	9.6	63
311	Mn-salen@MIL101(Al): a heterogeneous, enantioselective catalyst synthesized using a 'bottle around the ship' approach. <i>Chemical Communications</i> , 2013 , 49, 8021-3	5.8	63

310	New V(IV)-based metal-organic framework having framework flexibility and high CO ₂ adsorption capacity. <i>Inorganic Chemistry</i> , 2013 , 52, 113-20	5.1	63
309	Lanthanide Chameleon Multistage Anti-Counterfeit Materials. <i>Advanced Functional Materials</i> , 2017 , 27, 1700258	15.6	62
308	Vanadium-Incorporated MCM-48 Materials: Optimization of the Synthesis Procedure and an in Situ Spectroscopic Study of the Vanadium Species. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 3393-3399	3.4	62
307	Recent advances on the utilization of layered double hydroxides (LDHs) and related heterogeneous catalysts in a lignocellulosic-feedstock biorefinery scheme. <i>Green Chemistry</i> , 2017 , 19, 5269-5302	10	60
306	Removal of arsenic and mercury species from water by covalent triazine framework encapsulated FeO nanoparticles. <i>Journal of Hazardous Materials</i> , 2018 , 353, 312-319	12.8	60
305	Periodic mesoporous organosilicas functionalized with a wide variety of amines for CO ₂ adsorption. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 9792-9	3.6	59
304	Newly Designed Covalent Triazine Framework Based on Novel N-Heteroaromatic Building Blocks for Efficient CO and H ₂ Capture and Storage. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 1244-1249	9.5	59
303	Synthesis and activity for ROMP of bidentate Schiff base substituted second generation Grubbs catalysts. <i>Journal of Molecular Catalysis A</i> , 2006 , 260, 221-226		58
302	A 3D-TEM study of the shape of mesopores in SBA-15 and modified SBA-15 materials. <i>Chemical Communications</i> , 2002 , 1632-3	5.8	58
301	Fe ₃ O ₄ @MIL-101 A Selective and Regenerable Adsorbent for the Removal of As Species from Water. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4395-4401	2.3	56
300	Partially fluorinated MIL-47 and Al-MIL-53 frameworks: influence of functionalization on sorption and breathing properties. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 3552-61	3.6	56
299	Strongly Reducing (Diarylamino)benzene-Based Covalent Organic Framework for Metal-Free Visible Light Photocatalytic HO ₂ Generation. <i>Journal of the American Chemical Society</i> , 2020 , 142, 20107-20116	16.4	56
298	The role of CO ₂ in the dehydrogenation of propane over WO ₃ /SiO ₂ . <i>Journal of Catalysis</i> , 2016 , 335, 1-10	7.3	55
297	Exploring new synthetic strategies in the development of a chemically activated Ru-based olefin metathesis catalyst. <i>Dalton Transactions</i> , 2007 , 5201-10	4.3	55
296	Triggering White-Light Emission in a 2D Imine Covalent Organic Framework Through Lanthanide Augmentation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 27343-27352	9.5	54
295	The effect of water on the structure of supported vanadium oxide structures. An FT-RAMAN, in situ DRIFT and in situ UV-VIS diffuse reflectance study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1997 , 53, 2181-2187	4.4	54
294	A High-Yield Reproducible Synthesis of MCM-48 Starting from Fumed Silica. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 12771-12777	3.4	54
293	Supported Tantalum Oxide and Supported Vanadia-tantala Mixed Oxides: Structural Characterization and Surface Properties. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 6211-6220	3.4	54

292	Ink-jet printing of YBa ₂ Cu ₃ O ₇ superconducting coatings and patterns from aqueous solutions. <i>Journal of Materials Chemistry</i> , 2012 , 22, 3717-3726		53
291	Effect of composition and preparation of supported MoO ₃ catalysts for anisole hydrodeoxygenation. <i>Chemical Engineering Journal</i> , 2018 , 335, 120-132	14.7	51
290	Tuning the Pore Size of Ink-Bottle Mesopores by Atomic Layer Deposition. <i>Chemistry of Materials</i> , 2012 , 24, 1992-1994	9.6	51
289	Spatial arrangement and acid strength effects on acid/base cooperatively catalyzed aldol condensation on aminosilica materials. <i>Journal of Catalysis</i> , 2015 , 325, 19-25	7.3	50
288	New ultrastable mesoporous adsorbent for the removal of mercury ions. <i>Langmuir</i> , 2010 , 26, 10076-83	4	50
287	Base-mediated synthesis of quinolines: an unexpected cyclization reaction between 2-aminobenzylalcohol and ketones. <i>Tetrahedron Letters</i> , 2008 , 49, 6893-6895	2	50
286	Functionalized chitosan adsorbents allow recovery of palladium and platinum from acidic aqueous solutions. <i>Green Chemistry</i> , 2019 , 21, 2295-2306	10	49
285	Au@UiO-66: a base free oxidation catalyst. <i>RSC Advances</i> , 2015 , 5, 22334-22342	3.7	49
284	A new strategy towards ultra stable mesoporous titania with nanosized anatase walls. <i>Chemical Communications</i> , 2003 , 1178-9	5.8	49
283	UiO-66-(SH) as stable, selective and regenerable adsorbent for the removal of mercury from water under environmentally-relevant conditions. <i>Faraday Discussions</i> , 2017 , 201, 145-161	3.6	48
282	Vanadium metal-organic frameworks: structures and applications. <i>New Journal of Chemistry</i> , 2014 , 38, 1853-1867	3.6	48
281	Progress in hydrometallurgical technologies to recover critical raw materials and precious metals from low-concentrated streams. <i>Resources, Conservation and Recycling</i> , 2019 , 142, 177-188	11.9	48
280	Antibacterial activity of a porous silver doped TiO ₂ coating on titanium substrates synthesized by plasma electrolytic oxidation. <i>Applied Surface Science</i> , 2020 , 500, 144235	6.7	48
279	Improved ruthenium catalysts for the modified Friedlaender quinoline synthesis. <i>New Journal of Chemistry</i> , 2007 , 31, 1572	3.6	47
278	Thermal Decomposition of VO(acac) ₂ Deposited on the Surfaces of Silica and Alumina. <i>Langmuir</i> , 1998 , 14, 106-112	4	47
277	Synthesis of Stable, Hydrophobic MCM-48/VO _x Catalysts Using Alkylchlorosilanes as Coupling Agents for the Molecular Designed Dispersion of VO(acac) ₂ . <i>Journal of Physical Chemistry B</i> , 1999 , 103, 10102-10108	3.4	47
276	Elucidating the Vibrational Fingerprint of the Flexible Metal-Organic Framework MIL-53(Al) Using a Combined Experimental/Computational Approach. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 2734-2746	3.8	46
275	The Uses of Polynuclear Metal Complexes to Develop Designed Dispersions of Supported Metal Oxides: Part I. Synthesis and Characterization. <i>Journal of Materials Science</i> , 1997 , 5, 169-197		46

274	Synthesis and characterization of alumina-supported vanadium oxide catalysts prepared by the molecular designed dispersion of VO(acac) ₂ complexes. <i>Physical Chemistry Chemical Physics</i> , 2000 , 2, 2673-2680	3.6	46
273	A MoVI grafted Metal Organic Framework: Synthesis, characterization and catalytic investigations. <i>Journal of Catalysis</i> , 2014 , 316, 201-209	7.3	45
272	Synthesis and characterization of supported vanadium oxides by adsorption of the acetylacetonate complex. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996 , 92, 3635		45
271	Synthesis, Structural Characterization, and Catalytic Performance of a Vanadium-Based Metal Organic Framework (COMOC-3). <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2819-2827	2.3	44
270	Preparation of supported vanadium oxide catalysts. Adsorption and thermolysis of vanadyl acetylacetonate on a silica support. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996 , 92, 843		44
269	Metal Organic Frameworks Based Materials for Heterogeneous Photocatalysis. <i>Molecules</i> , 2018 , 23,	4.8	44
268	Carbamoylmethylphosphine Oxide-Functionalized MIL-101(Cr) as Highly Selective Uranium Adsorbent. <i>Analytical Chemistry</i> , 2017 , 89, 5678-5682	7.8	43
267	Tuning the Pore Geometry of Ordered Mesoporous Carbons for Enhanced Adsorption of Bisphenol-A. <i>Materials</i> , 2015 , 8, 1652-1665	3.5	43
266	Bis-coordination of N-(Alkyl)-N(2,6-diisopropylphenyl) Heterocyclic Carbenes to Grubbs Catalysts. <i>Organometallics</i> , 2007 , 26, 1052-1056	3.8	43
265	Growth of Iron Oxide on Yttria-Stabilized Zirconia by Atomic Layer Deposition. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 13146-13153	3.4	43
264	l-proline modulated zirconium metal organic frameworks: Simple chiral catalysts for the aldol addition reaction. <i>Journal of Catalysis</i> , 2018 , 365, 36-42	7.3	43
263	POM@IL-MOFs Inclusion of POMs in ionic liquid modified MOFs to produce recyclable oxidation catalysts. <i>Catalysis Science and Technology</i> , 2017 , 7, 1478-1487	5.5	42
262	Generation of composites for bone tissue-engineering applications consisting of gellan gum hydrogels mineralized with calcium and magnesium phosphate phases by enzymatic means. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016 , 10, 938-954	4.4	42
261	Spectroscopic characterization of an MoO _x layer on the surface of silica. An evaluation of the molecular designed dispersion method. <i>Physical Chemistry Chemical Physics</i> , 1999 , 1, 4099-4104	3.6	42
260	Vanadium Analogues of Nonfunctionalized and Amino-Functionalized MOFs with MIL-101 Topology Synthesis, Characterization, and Gas Sorption Properties. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2481-2486	2.3	41
259	Atomic layer deposition-based tuning of the pore size in mesoporous thin films studied by in situ grazing incidence small angle X-ray scattering. <i>Nanoscale</i> , 2014 , 6, 14991-8	7.7	40
258	Thermal Transformations of Chromium Acetylacetonate on Silica Surface. <i>Journal of Colloid and Interface Science</i> , 1997 , 189, 144-150	9.3	40
257	Ultra-fast hydrothermal synthesis of diastereoselective pure ethenylene-bridged periodic mesoporous organosilicas. <i>Chemical Communications</i> , 2007 , 2261-3	5.8	39

256	Silanol-Assisted Aldol Condensation on Aminated Silica: Understanding the Arrangement of Functional Groups. <i>ChemCatChem</i> , 2014 , 6, 255-264	5.2	38
255	Ultra-low-k cyclic carbon-bridged PMO films with a high chemical resistance. <i>Journal of Materials Chemistry</i> , 2012 , 22, 8281		38
254	Reproducible synthesis of high quality MCM-48 by extraction and recuperation of the gemini surfactant. <i>Physical Chemistry Chemical Physics</i> , 2001 , 3, 127-131	3.6	38
253	100% thiol-functionalized ethylene PMOs prepared by "thiol acid-ene" chemistry. <i>Chemical Communications</i> , 2013 , 49, 2344-6	5.8	37
252	Synthesized mercaptopropyl nanoporous resins in DGT probes for determining dissolved mercury concentrations. <i>Talanta</i> , 2011 , 87, 262-7	6.2	37
251	Stabilized MCM-48/VOx catalysts: synthesis, characterization and catalytic activity. <i>Catalysis Today</i> , 2001 , 68, 119-128	5.3	37
250	Visible and NIR Upconverting Er ³⁺ /Yb ³⁺ Luminescent Nanorattles and Other Hybrid PMO-Inorganic Structures for In Vivo Nanothermometry. <i>Advanced Functional Materials</i> , 2020 , 30, 2003101	15.6	36
249	Effects of amine structure and base strength on acid-base cooperative aldol condensation. <i>Catalysis Today</i> , 2015 , 246, 35-45	5.3	36
248	Fast and tunable synthesis of ZrO ₂ nanocrystals: mechanistic insights into precursor dependence. <i>Inorganic Chemistry</i> , 2015 , 54, 3469-76	5.1	35
247	Indenylidene Complexes of Ruthenium Bearing NHC Ligands: Structure Elucidation and Performance as Catalysts for Olefin Metathesis. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 655-665	3.2	35
246	Controlled Deposition of Iron Oxide on the Surface of Zirconia by the Molecular Designed Dispersion of Fe(acac) ₃ : A Spectroscopic Study. <i>Langmuir</i> , 2002 , 18, 4420-4425	4	35
245	Optimization of soft templated mesoporous carbon synthesis using Definitive Screening Design. <i>Chemical Engineering Journal</i> , 2015 , 259, 126-134	14.7	34
244	Exploring Lanthanide Doping in UiO-66: A Combined Experimental and Computational Study of the Electronic Structure. <i>Inorganic Chemistry</i> , 2018 , 57, 5463-5474	5.1	34
243	Mechanistic insight into the cyclohexene epoxidation with VO(acac) ₂ and tert-butyl hydroperoxide. <i>Journal of Catalysis</i> , 2012 , 294, 1-18	7.3	34
242	Formation and functionalization of surface Diels-Alder adducts on ethylene-bridged periodic mesoporous organosilica. <i>Journal of Materials Chemistry</i> , 2011 , 21, 10990		33
241	In situ generation of highly active olefin metathesis initiators. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 5482-5486	2.3	33
240	Metal-free activation of molecular oxygen by covalent triazine frameworks for selective aerobic oxidation. <i>Science Advances</i> , 2020 , 6, eaaz2310	14.3	32
239	Mesoporous phenolic resin and mesoporous carbon for the removal of S-Metolachlor and Bentazon herbicides. <i>Chemical Engineering Journal</i> , 2014 , 251, 92-101	14.7	32

238	Bimetallic Organic Framework as a Zero-Leaching Catalyst in the Aerobic Oxidation of Cyclohexene. <i>ChemCatChem</i> , 2013 , 5, 3657-3664	5.2	32
237	Periodic Mesoporous Organosilicas Consisting of 3D Hexagonally Ordered Interconnected Globular Pores. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 5556-5562	3.8	32
236	Ethenylene-bridged periodic mesoporous organosilicas with ultra-large mesopores. <i>Chemical Communications</i> , 2009 , 4052-4	5.8	32
235	Magnetism of iron-containing MCM-41 spheres. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 280, 31-36	2.8	32
234	Atomic Layer Deposition of Pt Nanoparticles within the Cages of MIL-101: A Mild and Recyclable Hydrogenation Catalyst. <i>Nanomaterials</i> , 2016 , 6,	5.4	32
233	A One-step Sulfonic acid PMO as a recyclable acid catalyst. <i>Journal of Catalysis</i> , 2015 , 326, 139-148	7.3	31
232	Lanthanide-Grafted Bipyridine Periodic Mesoporous Organosilicas (BPy-PMOs) for Physiological Range and Wide Temperature Range Luminescence Thermometry. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 13540-13550	9.5	31
231	Aqueous CSD approach for the growth of novel, lattice-tuned $\text{La}_x\text{Ce}_{1-x}\text{O}_3$ epitaxial layers. <i>Journal of Materials Chemistry</i> , 2012 , 22, 8476		31
230	TiO _x -VO _x Mixed Oxides on SBA-15 Support Prepared by the Designed Dispersion of Acetylacetonate Complexes: Spectroscopic Study of the Reaction Mechanisms. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 3794-3800	3.4	31
229	Template extraction from porous clay heterostructures: Influence on the porosity and the hydrothermal stability of the materials. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 2818-2823	3.6	31
228	Grafting of a Eu-tfac complex on to a Tb-metal organic framework for use as a ratiometric thermometer. <i>Dalton Transactions</i> , 2017 , 46, 12717-12723	4.3	30
227	Stabilization of Colloidal Ti, Zr, and Hf Oxide Nanocrystals by Protonated Tri-n-octylphosphine Oxide (TOPO) and Its Decomposition Products. <i>Chemistry of Materials</i> , 2017 , 29, 10233-10242	9.6	30
226	Comparison of different solid adsorbents for the removal of mobile pesticides from aqueous solutions. <i>Adsorption</i> , 2015 , 21, 243-254	2.6	30
225	Ti-functionalized NH ₂ -MIL-47: An effective and stable epoxidation catalyst. <i>Catalysis Today</i> , 2013 , 208, 97-105	5.3	30
224	The Adsorption of VO(acac) ₂ on a Mesoporous Silica Support by Liquid Phase and Gas Phase Modification to Prepare Supported Vanadium Oxide Catalysts. <i>Journal of Porous Materials</i> , 1998 , 5, 317-324	3.4	30
223	Global and regional parameters of dyssynchrony in ischemic and nonischemic cardiomyopathy. <i>American Journal of Cardiology</i> , 2005 , 95, 421-3	3	30
222	Ethenylene-Bridged Periodic Mesoporous Organosilicas: From E to Z. <i>Chemistry of Materials</i> , 2009 , 21, 5792-5800	9.6	29
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