

Shaeel Ahmed Al-Thabaiti

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134
papers

4,330
citations

38
h-index

59
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139
ext. papers

4,893
ext. citations

6.5
avg, IF

5.54
L-index

#	Paper	IF	Citations
134	Ultra-selective high-flux membranes from directly synthesized zeolite nanosheets. <i>Nature</i> , 2017 , 543, 690-694	50.4	310
133	Preparation and characterization of silver nanoparticles by chemical reduction method. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 82, 513-7	6	188
132	Graphene Oxide as Support for Layered Double Hydroxides: Enhancing the CO ₂ Adsorption Capacity. <i>Chemistry of Materials</i> , 2012 , 24, 4531-4539	9.6	176
131	Oriented MFI Membranes by Gel-Less Secondary Growth of Sub-100 nm MFI-Nanosheet Seed Layers. <i>Advanced Materials</i> , 2015 , 27, 3243-9	24	141
130	Two polymeric 36-metal pure lanthanide nanosize clusters. <i>Chemical Science</i> , 2013 , 4, 3104	9.4	140
129	Formation and characterization of surfactant stabilized silver nanoparticles: a kinetic study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008 , 67, 230-7	6	98
128	Joule Heating Characteristics of Emulsion-Templated Graphene Aerogels. <i>Advanced Functional Materials</i> , 2015 , 25, 28-35	15.6	86
127	Influence of the Reaction Temperature on the Nature of the Active and Deactivating Species during Methanol to Olefins Conversion over H-SSZ-13. <i>ACS Catalysis</i> , 2015 , 5, 992-1003	13.1	86
126	Solution Processing Route to Multifunctional Titania Thin Films: Highly Conductive and Photocatalytically Active Nb:TiO ₂ . <i>Advanced Functional Materials</i> , 2014 , 24, 5075-5085	15.6	81
125	Layered double hydroxides supported on multi-walled carbon nanotubes: preparation and CO ₂ adsorption characteristics. <i>Journal of Materials Chemistry</i> , 2012 , 22, 13932		81
124	Open-Pore Two-Dimensional MFI Zeolite Nanosheets for the Fabrication of Hydrocarbon-Isomer-Selective Membranes on Porous Polymer Supports. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 7184-7	16.4	77
123	Tetrazoles as carboxylic acid isosteres: chemistry and biology. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 78, 15-37	1.7	74
122	Photophysical studies of europium coordination polymers based on a tetracarboxylate ligand. <i>Inorganic Chemistry</i> , 2013 , 52, 7658-65	5.1	68
121	Chitosan as a Novel Edible Coating for Fresh Fruits. <i>Food Science and Technology Research</i> , 2013 , 19, 139-185		68
120	Starch-directed green synthesis, characterization and morphology of silver nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 102, 578-84	6	65
119	Influence of the Reaction Temperature on the Nature of the Active and Deactivating Species During Methanol-to-Olefins Conversion over H-SAPO-34. <i>ACS Catalysis</i> , 2017 , 7, 5268-5281	13.1	63
118	Synthesis, structure optimization and antifungal screening of novel tetrazole ring bearing acyl-hydrazones. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 10880-98	6.3	62

117	Effect of transition metal (M: Fe, Co or Mn) for the oxygen reduction reaction with non-precious metal catalysts in acid medium. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 5309-5318	6.7	61
116	2D Zeolite Coatings: Langmuir-Schaefer Deposition of 3 nm Thick MFI Zeolite Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6571-5	16.4	57
115	Biofabrication of Fe nanoparticles in aqueous extract of Hibiscus sabdariffa with enhanced photocatalytic activities. <i>RSC Advances</i> , 2017 , 7, 25149-25159	3.7	54
114	Shape-directing role of cetyltrimethylammonium bromide in the preparation of silver nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2012 , 367, 101-8	9.3	54
113	Studies on the kinetics of growth of silver nanoparticles in different surfactant solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009 , 73, 284-8	6	54
112	Graphene oxide/mixed metal oxide hybrid materials for enhanced adsorption desulfurization of liquid hydrocarbon fuels. <i>Fuel</i> , 2016 , 181, 531-536	7.1	54
111	Repercussion of the carbon matrix for the activity and stability of Fe/N/C electrocatalysts for the oxygen reduction reaction. <i>Applied Catalysis B: Environmental</i> , 2016 , 183, 185-196	21.8	53
110	Aerosol assisted chemical vapour deposition of hydrophobic TiO ₂ /SnO ₂ composite film with novel microstructure and enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 6271	13	50
109	Effect of N and S co-doping of multiwalled carbon nanotubes for the oxygen reduction. <i>Electrochimica Acta</i> , 2015 , 157, 158-165	6.7	46
108	Stepwise construction of extra-large heterometallic calixarene-based cages. <i>Inorganic Chemistry</i> , 2015 , 54, 3183-8	5.1	46
107	Ethanol/water mixture pervaporation performance of b-oriented silicalite-1 membranes made by gel-free secondary growth. <i>AIChE Journal</i> , 2016 , 62, 556-563	3.6	46
106	Removal of chlorophenol from aqueous solutions by multi-walled carbon nanotubes: Kinetic and thermodynamic studies. <i>Journal of Alloys and Compounds</i> , 2010 , 500, 87-92	5.7	46
105	Single-particle spectroscopy on large SAPO-34 crystals at work: methanol-to-olefin versus ethanol-to-olefin processes. <i>Chemistry - A European Journal</i> , 2013 , 19, 11204-15	4.8	45
104	Combined Operando UV/Vis/IR Spectroscopy Reveals the Role of Methoxy and Aromatic Species during the Methanol-to-Olefins Reaction over H-SAPO-34. <i>ChemCatChem</i> , 2014 , 6, 3396-3408	5.2	43
103	Nanoscale Control of Homoepitaxial Growth on a Two-Dimensional Zeolite. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 535-539	16.4	42
102	On the relationship between N content, textural properties and catalytic performance for the oxygen reduction reaction of N/CNT. <i>Applied Catalysis B: Environmental</i> , 2015 , 162, 420-429	21.8	41
101	Removal of nitrate ions from aqueous solution using zero-valent iron nanoparticles supported on high surface area nanographenes. <i>Journal of Molecular Liquids</i> , 2015 , 212, 708-715	6	39
100	Generalized Synthesis of Calixarene-Based High-Nuclearity M _{4n} Nanocages (M = Ni or Co; n = 2-8). <i>Crystal Growth and Design</i> , 2014 , 14, 3116-3123	3.5	39

- 99 Facile biofabrication of silver nanoparticles using *Salvia officinalis* leaf extract and its catalytic activity towards Congo red dye degradation. *Journal of Materials Research and Technology*, **2020**, 9, 10037-10044
- 98 Photocatalytic H₂ Generation Using Dewetted Pt-Decorated TiO₂ Nanotubes: Optimized Dewetting and Oxide Crystallization by a Multiple Annealing Process. *Journal of Physical Chemistry C*, **2016**, 120, 15884-15892
- 97 Single-catalyst particle spectroscopy of alcohol-to-olefins conversions: Comparison between SAPO-34 and SSZ-13. *Catalysis Today*, **2014**, 226, 14-24
- 96 An eco-friendly N-sulfonylation of amines using stable and reusable Zn-Al-hydrotaalcite solid base catalyst under ultrasound irradiation. *Ultrasonics Sonochemistry*, **2011**, 18, 172-6
- 95 Effect of the N content of Fe/N/graphene catalysts for the oxygen reduction reaction in alkaline media. *Journal of Materials Chemistry A*, **2015**, 3, 24487-24494
- 94 Effect of carbon nanotube diameter for the synthesis of Fe/N/multiwall carbon nanotubes and repercussions for the oxygen reduction reaction. *Journal of Power Sources*, **2013**, 240, 494-502
- 93 Pillared HMCM-36 zeolite catalyst for biodiesel production by esterification of palmitic acid. *Journal of Molecular Catalysis A*, **2015**, 406, 159-167
- 92 Aggregation of Congo red with surfactants and Ag-nanoparticles in an aqueous solution. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2016**, 156, 28-35
- 91 Aerosol assisted chemical vapor deposition of conductive and photocatalytically active tantalum doped titanium dioxide films. *Journal of Materials Chemistry A*, **2014**, 2, 12849
- 90 Influence of the electrolyte for the oxygen reduction reaction with Fe/N/C and Fe/N/CNT electrocatalysts. *Journal of Power Sources*, **2014**, 271, 87-96
- 89 Biosynthesis of silver nanoparticles and its antibacterial and antifungal activities towards Gram-positive, Gram-negative bacterial strains and different species of *Candida* fungus. *Bioprocess and Biosystems Engineering*, **2015**, 38, 1773-81
- 88 Preparation of ultra long MnO₂ and Ag@MnO₂ nanoparticles by seedless approach and their photocatalytic performance. *Journal of Molecular Structure*, **2017**, 1137, 495-505
- 87 Use of Anodic TiO₂ Nanotube Layers as Mesoporous Scaffolds for Fabricating CH₃NH₃PbI₃ Perovskite-Based Solid-State Solar Cells. *ChemElectroChem*, **2015**, 2, 824-828
- 86 A Series of d¹⁰ Metal Clusters Constructed by 2,6-Bis[3-(pyrazin-2-yl)-1,2,4-triazolyl]pyridine: Crystal Structures and Unusual Luminescences. *Crystal Growth and Design*, **2014**, 14, 5011-5018
- 85 Comparison study for passivation of stainless steel by coating with polyaniline from two different acids. *Progress in Organic Coatings*, **2011**, 72, 480-485
- 84 Porous AgBe₂O₃ nanocomposite catalysts for the oxidation of carbon monoxide. *Applied Catalysis A: General*, **2015**, 505, 431-440
- 83 Structural, magnetic and electrical properties of Ga-substituted NiCuZn nanocrystalline ferrite. *Ceramics International*, **2010**, 36, 1339-1346
- 82 CTAB capped synthesis of bio-conjugated silver nanoparticles and their enhanced catalytic activities. *Journal of Molecular Liquids*, **2018**, 258, 133-141

81	Combinatorial aerosol assisted chemical vapour deposition of a photocatalytic mixed SnO ₂ /TiO ₂ thin film. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 5108-5116	13	27
80	Cross-linked single-walled carbon nanotube aerogel electrodes via reductive coupling chemistry. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 5385-5389	13	26
79	Single-Particle Spectroscopy of Alcohol-to-Olefins over SAPO-34 at Different Reaction Stages: Crystal Accessibility and Hydrocarbons Reactivity. <i>ChemCatChem</i> , 2014 , 6, 772-783	5.2	26
78	Encapsulation of silver nanocomposites and effects of stabilizers. <i>Carbohydrate Polymers</i> , 2014 , 107, 167-73	10.3	26
77	Effect of pretreatment temperature on the photocatalytic activity of microwave irradiated porous nanocrystalline ZnO. <i>New Journal of Chemistry</i> , 2015 , 39, 321-332	3.6	25
76	Nanostructured Mg-Al hydrotalcite as catalyst for fine chemical synthesis. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 1931-46	1.3	25
75	Evidences of the presence of different types of active sites for the oxygen reduction reaction with Fe/N/C based catalysts. <i>Journal of Power Sources</i> , 2016 , 327, 204-211	8.9	24
74	Solvent-Free Biginelli Reactions Catalyzed by Hierarchical Zeolite Utilizing a Ball Mill Technique: A Green Sustainable Process. <i>Catalysts</i> , 2017 , 7, 84	4	24
73	Bridging different Co ₄ Salix[4]arene building blocks into grids, cages and 2D polymers with chiral camphoric acid. <i>CrystEngComm</i> , 2015 , 17, 1750-1753	3.3	24
72	Green synthesis of biogenic silver nanomaterials using Raphanus sativus extract, effects of stabilizers on the morphology, and their antimicrobial activities. <i>Bioprocess and Biosystems Engineering</i> , 2015 , 38, 2397-416	3.7	23
71	MgAl hydrotalcite as an efficient catalyst for microwave assisted regioselective 1,3-dipolar cycloaddition of nitrilimines with the enamionone derivatives: A green protocol. <i>Journal of Molecular Catalysis A</i> , 2013 , 367, 12-22		23
70	Nanoscale water soluble self-assembled zero-valent iron: role of stabilizers in their morphology. <i>RSC Advances</i> , 2016 , 6, 7267-7278	3.7	22
69	Microwave assisted efficient protocol for the classic Ullmann homocoupling reaction using CuMgAl hydrotalcite catalysts. <i>Journal of Molecular Catalysis A</i> , 2013 , 379, 152-162		22
68	Synthesis, optical properties, stability, and encapsulation of Cu-nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 140, 265-73	4.4	22
67	Effects of solvents on the stability and morphology of CTAB-stabilized silver nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 390, 120-125	5.1	22
66	Shape-directing role of cetyltrimethylammonium bromide on the morphology of extracellular synthesis of silver nanoparticles. <i>Arabian Journal of Chemistry</i> , 2015 , 8, 538-544	5.9	21
65	Copper substituted heteropolyacid catalysts for the selective dehydration of ethanol. <i>Journal of Alloys and Compounds</i> , 2010 , 496, 553-559	5.7	21
64	MnO ₂ nanostructures of different morphologies from amino acids-MnO ₄ ⁻ reactions in aqueous solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 81, 381-4	6	21

63	Surfactant-assisted bio-conjugated synthesis of silver nanoparticles (AgNPs). <i>Bioprocess and Biosystems Engineering</i> , 2014 , 37, 1727-35	3.7	20
62	Simulation of One-Stage Dimethyl Ether Synthesis over a Core-Shell Catalyst. <i>Chemie-Ingenieur-Technik</i> , 2015 , 87, 702-712	0.8	20
61	Single-Walled TiO ₂ Nanotubes: Enhanced Carrier-Transport Properties by TiCl ₄ Treatment. <i>Chemistry - A European Journal</i> , 2015 , 21, 9204-8	4.8	19
60	In situ electropolymerization of conducting polypyrrole/carbon nanotubes composites on stainless steel: Role of carbon nanotubes types. <i>Progress in Organic Coatings</i> , 2012 , 75, 404-410	4.8	19
59	Time dependence of nucleation and growth of silver nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 381, 23-30	5.1	19
58	Cu nanoparticles: synthesis, crystallographic characterization, and stability. <i>Colloid and Polymer Science</i> , 2015 , 293, 2543-2554	2.4	18
57	Kinetics of oxidation of d-glucose by permanganate in aqueous solution of cetyltrimethylammonium bromide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 337, 9-14	5.1	18
56	Nanosized iron and nickel oxide zirconia supported catalysts for benzylation of benzene: Role of metal oxide support interaction. <i>Applied Catalysis A: General</i> , 2014 , 486, 19-31	5.1	17
55	Preparation and characterization of silver nanoparticles using aniline. <i>Arabian Journal of Chemistry</i> , 2017 , 10, S1506-S1511	5.9	17
54	ESTIMATION OF EXCESS MOLAR VOLUMES, THEORETICAL VISCOSITIES, AND ULTRASONIC SPEEDS OF BINARY LIQUID MIXTURES AT DIFFERENT TEMPERATURES. <i>Chemical Engineering Communications</i> , 2013 , 200, 77-92	2.2	16
53	Effect of CTAB on the surface resonance plasmon intensity of silver nanoparticles: Stability and oxidative dissolution. <i>Journal of Molecular Liquids</i> , 2020 , 302, 112565	6	16
52	Cobalt@silver bimetallic nanoparticles: Solution based seedless surfactant assisted synthesis, optical properties, and morphology. <i>Journal of Molecular Liquids</i> , 2016 , 222, 272-278	6	16
51	Catalytic Activity of Cobalt Nanoparticles for Dye and 4-Nitro Phenol Degradation: A Kinetic and Mechanistic Study. <i>International Journal of Chemical Kinetics</i> , 2017 , 49, 438-454	1.4	15
50	Nanoscale Control of Homoepitaxial Growth on a Two-Dimensional Zeolite. <i>Angewandte Chemie</i> , 2017 , 129, 550-554	3.6	15
49	Seedless synthesis and efficient recyclable catalytic activity of Ag@Fe nanocomposites towards methyl orange. <i>Applied Nanoscience (Switzerland)</i> , 2018 , 8, 255-271	3.3	15
48	2D Zeolite Coatings: Langmuir-Schaefer Deposition of 3 nm Thick MFI Zeolite Nanosheets. <i>Angewandte Chemie</i> , 2015 , 127, 6671-6675	3.6	15
47	Nano Cu metal doped on TiO ₂ -SiO ₂ nanoparticle catalysts in photocatalytic degradation of direct blue dye. <i>Journal of Nanoscience and Nanotechnology</i> , 2013 , 13, 4975-80	1.3	15
46	Natural sugar surfactant capped gold nano-disks: Aggregation, green synthesis and morphology. <i>Dyes and Pigments</i> , 2016 , 124, 210-221	4.6	13

45	A review of molecular interactions in organic binary mixtures. <i>Korean Journal of Chemical Engineering</i> , 2014 , 31, 1505-1517	2.8	13
44	In Situ Infrared Study of the Electrooxidation of Ethanol and Acetaldehyde in Acid Electrolyte. <i>ChemElectroChem</i> , 2016 , 3, 1072-1083	4.3	13
43	Kinetics of silver nanoparticle growth in aqueous polymer solutions: 1st Nano Update. <i>Arabian Journal of Chemistry</i> , 2012 , 5, 453-459	5.9	12
42	Formation, characterization and stabilization of water-soluble colloidal MnO ₂ in the oxidation of methionine, thiourea and thioacetamide by permanganate. <i>Colloid and Polymer Science</i> , 2007 , 285, 1479-1485	2.4	12
41	Extracellular bio-synthesis of silver nanoparticles. <i>Arabian Journal of Chemistry</i> , 2017 , 10, 226-231	5.9	11
40	Combinatorial Atmospheric Pressure CVD of a Composite TiO ₂ /SnO ₂ Thin Film. <i>Chemical Vapor Deposition</i> , 2014 , 20, 69-79		11
39	Kinetics and mechanism of the reduction of colloidal MnO ₂ by glycyl-leucine in the absence and presence of surfactants. <i>Journal of Saudi Chemical Society</i> , 2012 , 16, 217-225	4.3	10
38	Natural dye bolaform sugar-based surfactant: Self aggregation and mixed micellization with ionic surfactants. <i>Dyes and Pigments</i> , 2016 , 131, 168-176	4.6	10
37	Design and synthesis of Co(II) and Cu(II) complexes of a dendrimeric chelate: promising anticandidal potential of chelotherapeutic agents. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 2096-2106	1.6	9
36	Open-Pore Two-Dimensional MFI Zeolite Nanosheets for the Fabrication of Hydrocarbon-Isomer-Selective Membranes on Porous Polymer Supports. <i>Angewandte Chemie</i> , 2016 , 128, 7300-7303	3.6	9
35	Photocatalytic hydrogenation of acetylene by dimolybdenum and trimolybdenum oxo species in colloidal titania solutions. <i>Langmuir</i> , 1990 , 6, 782-786	4	9
34	Highly Photocatalytically Active Iron(III) Titanium Oxide Thin films via Aerosol-Assisted CVD. <i>Chemical Vapor Deposition</i> , 2015 , 21, 21-25		7
33	Spectrophotometric evidence to the formation of AuCl ₄ -CTA complex and synthesis of gold nano-flowers with tailored surface textures. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 149, 889-97	4.4	7
32	Biogenic silver nanosols: Flavonol based green synthesis, and effects of stabilizers on their morphology. <i>Journal of Molecular Liquids</i> , 2015 , 212, 316-324	6	7
31	Densities, Refractive Indices and Ultrasonic Speeds of N,N-dimethylformamide + Acetone Binary Mixtures at Different Temperatures. <i>Chemical Engineering Communications</i> , 2015 , 202, 885-891	2.2	6
30	Steroid saponin based extracellular biosynthesis of AgNPs. <i>Journal of Molecular Liquids</i> , 2014 , 199, 489-494	6	6
29	Micellar and salt kinetic effects upon the reaction. <i>Journal of Saudi Chemical Society</i> , 2011 , 15, 221-228	4.3	6
28	The photocatalytic production of H ₂ from molybdenum-sulfur compounds loaded on TiO ₂ . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1992 , 64, 93-101	4.7	6

27	Biogenic synthesis of silver nanoparticles, sensing and photo catalytic activities for bromothymol blue. <i>Journal of Photochemistry and Photobiology</i> , 2020 , 3-4, 100010	0.8	6
26	Effect of cetyltrimethylammonium bromide on the morphology of self assembled water soluble MnO ₂ nano-composites. <i>Journal of Molecular Liquids</i> , 2015 , 207, 200-205	6	5
25	Unusual transient stabilization with stabilizers and morphology of Co-nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 488, 58-69	5.1	5
24	Influence of stabilizing agents on the microstructure of Co-nanoparticles for removal of Congo red. <i>Environmental Technology and Innovation</i> , 2017 , 8, 327-342	7	5
23	Effect of Cetyltrimethylammonium Bromide on the Oxidation of Phthalic Acid by in Aqueous Medium. <i>Journal of Dispersion Science and Technology</i> , 2010 , 32, 35-40	1.5	5
22	Micelles-Assisted Oxidation of Isoleucine: A Kinetic Study. <i>Journal of Dispersion Science and Technology</i> , 2011 , 32, 1173-1178	1.5	5
21	Anticorrosion Efficiency of Cetyltrimethylammonium bromide, Sodium Dodecyl Sulfate and Tx-100 on Carbon Steel in Acidic Medium. <i>Science of Advanced Materials</i> , 2011 , 3, 912-918	2.3	5
20	Transition-Metal-Catalyzed Selective Alkynylation of C≡C Bonds. <i>Advanced Synthesis and Catalysis</i> ,	5.6	5
19	Role of cationic gemini surfactants (m-s-m type) on the oxidation of d-glucose by permanganate. <i>Journal of Molecular Liquids</i> , 2016 , 216, 538-544	6	4
18	Recent advances in the incorporation of CO ₂ for C≡C and C=C bond functionalization. <i>Green Chemistry</i> ,	10	4
17	Bioactive Macrocyclic Ni(II) Metal Complex: Synthesis, Spectroscopic Elucidation, and Antimicrobial Studies. <i>Polycyclic Aromatic Compounds</i> , 2019 , 1-16	1.3	4
16	Few-Unit-Cell MFI Zeolite Synthesized using a Simple Di-quaternary Ammonium Structure-Directing Agent. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19214-19221	16.4	4
15	Supported Metal Nanoparticles Assisted Catalysis: A Broad Concept in Functionalization of Ubiquitous C≡C Bonds. <i>ChemCatChem</i> ,	5.2	4
14	Transition metal catalyzed C-H bond activation by η^5 -metallacycle intermediates. <i>Chemical Communications</i> , 2021 , 57, 11885-11903	5.8	4
13	Supported Zeolite Beta Layers via an Organic Template-Free Preparation Route. <i>Molecules</i> , 2018 , 23,	4.8	3
12	Energetics of anionic surfactant-additive systems at the cloud point. <i>Colloid Journal</i> , 2012 , 74, 125-131	1.1	3
11	Effects of electrolytes and surfactants on the morphology and stability of advanced silver nano-materials. <i>Materials Research Bulletin</i> , 2013 , 48, 1137-1142	5.1	3
10	Excess Molar Volumes, Theoretical Viscosities and Ultrasonic Speeds of Binary Mixtures at 298.15 K and 303.15 K. <i>Asian Journal of Chemistry</i> , 2015 , 27, 1815-1822	0.4	2

9	Microwave assisted synthesis, spectral and antifungal studies of 2-phenyl-N,NPbis(pyridin-4-ylcarbonyl)butanediamide ligand and its metal complexes. <i>Scientific World Journal, The</i> , 2014 , 2014, 404617	2.2	2
8	High-performance ammonia-selective MFI nanosheet membranes. <i>Chemical Communications</i> , 2021 , 57, 580-582	5.8	2
7	Twin-free, directly synthesized MFI nanosheets with improved thickness uniformity and their use in membrane fabrication.. <i>Science Advances</i> , 2022 , 8, eabm8162	14.3	2
6	Few-Unit-Cell MFI Zeolite Synthesized using a Simple Di-quaternary Ammonium Structure-Directing Agent. <i>Angewandte Chemie</i> , 2021 , 133, 19363-19370	3.6	1
5	C ₆₀ Methylation Using Sustainable Approaches. <i>Catalysts</i> , 2022 , 12, 510	4	1
4	Titelbild: Nanoscale Control of Homoepitaxial Growth on a Two-Dimensional Zeolite (Angew. Chem. 2/2017). <i>Angewandte Chemie</i> , 2017 , 129, 431-431	3.6	
3	Zeolite Membranes: Oriented MFI Membranes by Gel-Less Secondary Growth of Sub-100 nm MFI-Nanosheet Seed Layers (Adv. Mater. 21/2015). <i>Advanced Materials</i> , 2015 , 27, 3339-3339	24	
2	Titelbild: Open-Pore Two-Dimensional MFI Zeolite Nanosheets for the Fabrication of Hydrocarbon-Isomer-Selective Membranes on Porous Polymer Supports (Angew. Chem. 25/2016). <i>Angewandte Chemie</i> , 2016 , 128, 7123-7123	3.6	
1	Carbohydrates as Biocolloids in Nanoscience 2016 , 260-268		