

Qingfa Wang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2713502/qingfa-wang-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118
papers

5,394
citations

32
h-index

72
g-index

122
ext. papers

6,400
ext. citations

7.3
avg, IF

6.08
L-index

#	Paper	IF	Citations
118	Catalytic synthesis of high-energy-density jet-fuel-range polycyclic fuel by dimerization reaction. <i>Fuel</i> , 2022 , 308, 122077	7.1	4
117	Interfacial engineering of transition-metal sulfides heterostructures with built-in electric-field effects for enhanced oxygen evolution reaction. <i>Chinese Journal of Chemical Engineering</i> , 2021 , 41, 320-320	3.2	1
116	Core-Shell ZnO@Cu ₂ O as Catalyst to Enhance the Electrochemical Reduction of Carbon Dioxide to C ₂ Products. <i>Catalysts</i> , 2021 , 11, 535	4	4
115	Selective Electrochemical Decarboxylation of n-Octanoic Acid to Hydrocarbons on Pt Nanocrystals. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 5288-5297	8.3	0
114	Donor-Acceptor Couples of Metal and Metal Oxides with Enriched Ni Active Sites for Oxygen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 17501-17510	9.5	6
113	Pt-Carbon interaction-determined reaction pathway and selectivity for hydrogenation of 5-hydroxymethylfurfural over carbon supported Pt catalysts. <i>Catalysis Science and Technology</i> , 2021 , 11, 1298-1310	5.5	9
112	Highly Selective Hydrodeoxygenation of Dibenzofuran into Bicyclohexane over Hierarchical Pt/ZSM-5 Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 2838-2848	3.9	3
111	Understanding Structure-activity Relationship on Metal-Organic-Framework-Derived Catalyst for CO ₂ Electroreduction to C ₂ Products. <i>ChemElectroChem</i> , 2021 , 8, 3174-3180	4.3	2
110	Multi-scale study on bifunctional Co/Fe-Ni cathode catalyst layers with high active site density for the oxygen reduction reaction. <i>Applied Catalysis B: Environmental</i> , 2021 , 299, 120656	21.8	16
109	Influence of the MnO ₂ Phase on Oxygen Evolution Reaction Performance for Low-Loading Iridium Electrocatalysts. <i>ChemElectroChem</i> , 2021 , 8, 418-424	4.3	2
108	Synergetic electrochemical HNO ₃ reduction on the activated-CFP supported nano-Pt electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 869, 114182	4.1	2
107	Direct synthesis of hydrogen peroxide over Pd nanoparticles embedded between HZSM-5 nanosheets layers. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 2577-2586	3.2	2
106	Selective steam reforming of n-dodecane over stable subnanometric NiPt clusters encapsulated in Silicalite-1 zeolite. <i>AIChE Journal</i> , 2020 , 66, e16917	3.6	10
105	Efficient electrochemical reduction of carbon dioxide into ethylene boosted by copper vacancies on stepped cuprous oxide. <i>Journal of CO₂ Utilization</i> , 2020 , 38, 125-131	7.6	9
104	Electrocatalytic methyl esterification of fatty acid using boron-doped-diamond electrodes. <i>Algal Research</i> , 2020 , 46, 101816	5	2
103	Kolbe Electrolysis of Biomass-Derived Fatty Acids Over Pt Nanocrystals in an Electrochemical Cell. <i>ChemCatChem</i> , 2020 , 12, 642-648	5.2	5
102	N-dodecane hydroisomerization over Pt/ZSM-22: Controllable microporous Brønsted acidity distribution and shape-selectivity. <i>Applied Catalysis A: General</i> , 2020 , 590, 117335	5.1	12

101	Facile synthesis of self-supported amorphous phosphorus-doped Ni(OH) ₂ composite anodes for efficient water oxidation. <i>Catalysis Science and Technology</i> , 2020 , 10, 263-267	5.5	2
100	Selective electroreduction of CO ₂ to CO over co-electrodeposited dendritic core-shell indium-doped Cu@Cu ₂ O catalyst. <i>Journal of CO₂ Utilization</i> , 2020 , 37, 204-212	7.6	20
99	Electrodeposition of NiS/Ni ₂ P nanoparticles embedded in amorphous Ni(OH) ₂ nanosheets as an efficient and durable dual-functional electrocatalyst for overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 2546-2556	6.7	20
98	Influence of Impurities and Oxidation on Hydroconversion of Waste Cooking Oil into Bio-jet Fuel. <i>Chemical Engineering and Technology</i> , 2020 , 43, 273-281	2	5
97	Electrochemical valorization of carboxylates in aqueous solution for the production of biofuels, fine chemicals, and hydrogen. <i>Green Chemistry</i> , 2020 , 22, 525-531	10	7
96	Activation of persulfate by EDTA-2K-derived nitrogen-doped porous carbons for organic contaminant removal: Radical and non-radical pathways. <i>Chemical Engineering Journal</i> , 2020 , 386, 124005	14.7	28
95	Mn/Cu nanoclusters-grafted N-doped carbon nanotubes: Robust oxygen electrode catalysts for Zn-air batteries. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 27230-27243	6.7	5
94	Tailoring the hetero-structure of iron oxides in the framework of nitrogen doped carbon for the oxygen reduction reaction and zinc-air batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 25791-25804	13	6
93	Structure-sensitive hydro-conversion of oleic acid to aviation-fuel-range-alkanes over alumina-supported nickel catalyst. <i>Catalysis Communications</i> , 2020 , 134, 105842	3.2	9
92	TEOS-modified Ni/ZSM-5 nanosheet catalysts for hydroconversion of oleic acid to high-performance aviation fuel: Effect of acid spatial distribution. <i>Microporous and Mesoporous Materials</i> , 2020 , 291, 109705	5.3	5
91	Hollow Hierarchical Silicalite-1 Zeolite Encapsulated PtNi Bimetals for Selective Hydroconversion of Methyl Stearate into Aviation Fuel Range Alkanes. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 8601-8611	3.9	7
90	Tuning the morphological and electronic structure of amorphous nickel-based electrocatalysts by anion regulation for water oxidation in neutral media. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 3093-3096	6.8	2
89	Trace sulfur promoted Fe, N-codoped carbon black as electrocatalyst for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 3625-3635	6.7	10
88	Hydroconversion of Waste Cooking Oil into Bio-Jet Fuel over NiMo/SBUY-MCM-41. <i>Catalysts</i> , 2019 , 9, 466	4	8
87	Aqueous substitution synthesis of platinum modified amorphous nickel hydroxide on nickel foam composite electrode for efficient and stable hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 14258-14265	6.7	11
86	n-Dodecane Hydroisomerization over Hierarchical ZSM-22 Prepared by a Dual-Protected Alkali Treatment. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 8495-8505	3.9	11
85	Selective Hydroconversion of Oleic Acid into Aviation-Fuel-Range Alkanes over Ultrathin Ni/ZSM-5 Nanosheets. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 5432-5444	3.9	19
84	Hollow MFI Zeolite Supported Pt Catalysts for Highly Selective and Stable Hydrodeoxygenation of Guaiacol to Cycloalkanes. <i>Nanomaterials</i> , 2019 , 9,	5.4	12

83	Electroactive Edge-Site-Enriched $\text{Co}_0.9\text{Fe}_{0.1}(\text{OH})_x$ Nanoplates for Efficient Overall Water Splitting. <i>ChemElectroChem</i> , 2019 , 6, 2415-2422	4.3	4
82	A Pt@IrO ₂ core-shell catalyst for effective electrocatalytic reduction of concentrated nitric acid. <i>Applied Surface Science</i> , 2019 , 481, 1299-1304	6.7	4
81	Edge/Defect Sites in $\text{Co/Fe}(\text{OH})$ Nanoplates Responsible for Water Oxidation Activity. <i>ChemSusChem</i> , 2019 , 12, 2755-2762	8.3	3
80	Fabrication of hierarchical ZSM-22 hollow sphere. <i>Materials Letters</i> , 2019 , 244, 96-99	3.3	4
79	Hierarchically Porous Co-N-C Cathode Catalyst Layers for Anion Exchange Membrane Fuel Cells. <i>ChemSusChem</i> , 2019 , 12, 4165-4169	8.3	17
78	Highly dispersed Fe_2O_3 embedded in nitrogen doped carbon for the efficient oxygen reduction reaction. <i>Catalysis Science and Technology</i> , 2019 , 9, 4581-4587	5.5	9
77	Self-Pillared ZSM-5-Supported Ni Nanoparticles as an Efficient Catalyst for Upgrading Oleic Acid to Aviation-Fuel-Range-Alkanes. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 13112-13121	3.9	7
76	Confinement of Fe_2O_3 nanoparticles in the shell of N-doped carbon hollow microsphere for efficient oxygen reduction reaction. <i>Chemical Engineering Science</i> , 2019 , 207, 235-246	4.4	22
75	Core-shell Nanothorns on Carbon Fiber Paper Electrodes for Carboxylic Acid Valorization via Kolbe Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 18061-18066	8.3	6
74	Synthesis and performance of pillared HZSM-5 nanosheet zeolites for n-decane catalytic cracking to produce light olefins. <i>Applied Catalysis A: General</i> , 2019 , 572, 24-33	5.1	32
73	Homogeneous cobalt and iron oxide hollow nanocages derived from ZIF-67 etched by Fe species for enhanced water oxidation. <i>Electrochimica Acta</i> , 2019 , 296, 418-426	6.7	17
72	Coordination-assisted synthesis of iron-incorporated cobalt oxide nanoplates for enhanced oxygen evolution. <i>Materials Today Chemistry</i> , 2019 , 11, 112-118	6.2	28
71	Noble-Metal-Free Electrocatalysts for Oxygen Evolution. <i>Small</i> , 2019 , 15, e1804201	11	262
70	Catalytic combustion of VOC on sandwich-structured Pt@ZSM-5 nanosheets prepared by controllable intercalation. <i>Journal of Hazardous Materials</i> , 2019 , 367, 568-576	12.8	54
69	Self-supported Pt nanoflakes-doped amorphous Ni(OH) ₂ on Ni foam composite electrode for efficient and stable methanol oxidation. <i>Journal of Colloid and Interface Science</i> , 2019 , 536, 189-195	9.3	31
68	Review on selective hydrogenation of nitroarene by catalytic, photocatalytic and electrocatalytic reactions. <i>Applied Catalysis B: Environmental</i> , 2018 , 227, 386-408	21.8	226
67	Self-Templated Synthesis of Co_{1-x}S Porous Hexagonal Microplates for Efficient Electrocatalytic Oxygen Evolution. <i>ChemElectroChem</i> , 2018 , 5, 1167-1172	4.3	10
66	Highly (110)-Oriented Co_{1-x}S Nanosheet Arrays on Carbon Fiber Paper as High-Performance and Binder-Free Electrodes for Oxygen Production. <i>ChemistrySelect</i> , 2018 , 3, 3970-3974	1.8	3

65	Nano-engineered nickel catalysts supported on 4-channel γ -Al ₂ O ₃ hollow fibers for dry reforming of methane. <i>AIChE Journal</i> , 2018 , 64, 2625-2631	3.6	7
64	Hydroconversion of Waste Cooking Oil into Bio-Jet Fuel over a Hierarchical NiMo/USY@Al-SBA-15 Zeolite. <i>Chemical Engineering and Technology</i> , 2018 , 41, 590-597	2	19
63	Tuning the decarboxylation selectivity for deoxygenation of vegetable oil over PtNi bimetal catalysts via surface engineering. <i>Catalysis Science and Technology</i> , 2018 , 8, 1126-1133	5.5	27
62	Electrodeposition of Cobalt Phosphosulfide Nanosheets on Carbon Fiber Paper as Efficient Electrocatalyst for Oxygen Evolution. <i>ChemElectroChem</i> , 2018 , 5, 1677-1682	4.3	9
61	Taming transition metals on N-doped CNTs by a one-pot method for efficient oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 7893-7902	6.7	36
60	Role of oxygen vacancies in photocatalytic water oxidation on ceria oxide: Experiment and DFT studies. <i>Applied Catalysis B: Environmental</i> , 2018 , 224, 101-108	21.8	124
59	Self-Supported Hierarchical Shell@Core Ni ₃ S ₂ @Ni Foam Composite Electrocatalyst with High Efficiency and Long-Term Stability for Methanol Oxidation. <i>ChemElectroChem</i> , 2018 , 5, 2376-2382	4.3	9
58	Review on synthesis and properties of high-energy-density liquid fuels: Hydrocarbons, nanofluids and energetic ionic liquids. <i>Chemical Engineering Science</i> , 2018 , 180, 95-125	4.4	158
57	Porous CoO-CeO ₂ heterostructures as highly active and stable electrocatalysts for water oxidation. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 22529-22537	6.7	22
56	In-situ electrochemical activation of carbon fiber paper for the highly efficient electroreduction of concentrated nitric acid. <i>Electrochimica Acta</i> , 2018 , 291, 328-334	6.7	14
55	Pt nanocrystals selectively shaped by tuning the reductant concentration. <i>Materials Chemistry and Physics</i> , 2017 , 189, 80-83	4.4	5
54	A comparison of the catalytic hydrogenation of 2-amylanthraquinone and 2-ethylanthraquinone over a Pd/Al ₂ O ₃ catalyst. <i>Frontiers of Chemical Science and Engineering</i> , 2017 , 11, 177-184	4.5	9
53	A host-guest approach to fabricate metallic cobalt nanoparticles embedded in silk-derived N-doped carbon fibers for efficient hydrogen evolution. <i>Green Energy and Environment</i> , 2017 , 2, 151-159	5.7	14
52	Hydroconversion of C18 fatty acids using PtNi/Al ₂ O ₃ : Insight in the role of hydroxyl groups in Al ₂ O ₃ . <i>Catalysis Communications</i> , 2017 , 97, 14-17	3.2	5
51	Phase-controllable synthesis of cobalt hydroxide for electrocatalytic oxygen evolution. <i>Dalton Transactions</i> , 2017 , 46, 10545-10548	4.3	45
50	Doping carbon nanotubes with N, S, and B for electrocatalytic oxygen reduction: a systematic investigation on single, double, and triple doped modes. <i>Catalysis Science and Technology</i> , 2017 , 7, 4007-4016	5.5	31
49	TPABr-grafted MWCNT as bifunctional template to synthesize hierarchical ZSM-5 zeolite. <i>Materials Letters</i> , 2017 , 197, 111-114	3.3	14
48	Carbon fiber paper supported nano-Pt electrode with high electrocatalytic activity for concentrated nitric acid reduction. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 794, 43-48	4.1	7

47	Controllable synthesis of hierarchical ZSM-5 for hydroconversion of vegetable oil to aviation fuel-like hydrocarbons. <i>RSC Advances</i> , 2017 , 7, 46109-46117	3.7	17
46	Self-Templated Fabrication of CoO/MoO ₂ Nanocages for Enhanced Oxygen Evolution. <i>Advanced Functional Materials</i> , 2017 , 27, 1702324	15.6	167
45	Hydroconversion of Waste Cooking Oil into Green Biofuel over Hierarchical USY-Supported NiMo Catalyst: A Comparative Study of Desilication and Dealumination. <i>Catalysts</i> , 2017 , 7, 281	4	19
44	Two-dimensional molybdenum disulfide and tungsten disulfide interleaved nanowalls constructed on silk cocoon-derived N-doped carbon fibers for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 21870-21882	6.7	33
43	Hollow Cobalt-Based Bimetallic Sulfide Polyhedra for Efficient All-pH-Value Electrochemical and Photocatalytic Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1359-65	16.4	540
42	Silk-derived graphene-like carbon with high electrocatalytic activity for oxygen reduction reaction. <i>RSC Advances</i> , 2016 , 6, 34219-34224	3.7	21
41	Direct Z-scheme composite of CdS and oxygen-defected CdWO ₄ : An efficient visible-light-driven photocatalyst for hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2016 , 198, 154-161	21.8	154
40	Investigation of nitrate reduction on polycrystalline Pt nanoparticles with controlled crystal plane. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 755, 210-214	4.1	26
39	Effect of support on the NiMo phase and its catalytic hydrodeoxygenation of triglycerides. <i>Fuel</i> , 2015 , 159, 430-435	7.1	44
38	Al(CH ₃) ₃ -promoted Pt/MCM-41 catalysts for tetralin hydrogenation in the presence of benzothiophene and promotion mechanism of Al-promoted Pt/MCM-41 catalysts. <i>RSC Advances</i> , 2015 , 5, 42468-42476	3.7	3
37	A 3D dendritic WSe ₂ catalyst grown on carbon nanofiber mats for efficient hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 12149-12153	13	67
36	Oxygen-Deficient Tungsten Oxide as Versatile and Efficient Hydrogenation Catalyst. <i>ACS Catalysis</i> , 2015 , 5, 6594-6599	13.1	189
35	Quantitative conversion of triglycerides to hydrocarbons over hierarchical ZSM-5 catalyst. <i>Applied Catalysis B: Environmental</i> , 2015 , 166-167, 327-334	21.8	79
34	High activity electrocatalysts from metal-organic framework-carbon nanotube templates for the oxygen reduction reaction. <i>Carbon</i> , 2015 , 82, 417-424	10.4	121
33	Tungsten Oxides for Photocatalysis, Electrochemistry, and Phototherapy. <i>Advanced Materials</i> , 2015 , 27, 5309-27	24	381
32	When cubic cobalt sulfide meets layered molybdenum disulfide: a core-shell system toward synergistic electrocatalytic water splitting. <i>Advanced Materials</i> , 2015 , 27, 4752-9	24	575
31	Carbon nitride with simultaneous porous network and O-doping for efficient solar-energy-driven hydrogen evolution. <i>Nano Energy</i> , 2015 , 12, 646-656	17.1	420
30	W18O ₄₉ nanowire alignments with a BiOCl shell as an efficient photocatalyst. <i>Nanoscale</i> , 2014 , 6, 8865-72	6.7	67

29	Ti(3+)-defected and V-doped TiO ₂ quantum dots loaded on MCM-41. <i>Chemical Communications</i> , 2014 , 50, 988-90	5.8	52
28	Enhancing tetralin hydrogenation activity and sulphur-tolerance of Pt/MCM-41 catalyst with Al(NO ₃) ₃ , AlCl ₃ and Al(CH ₃) ₃ . <i>Catalysis Science and Technology</i> , 2014 , 4, 2081-2090	5.5	11
27	Mesoporous WO ₃ hollow spheres as highly active photocatalysts. <i>Chemical Communications</i> , 2014 , 50, 10959-62	5.8	67
26	Synergetic promotion on photoactivity and stability of W ₁₈ O ₄₉ /TiO ₂ hybrid. <i>Applied Catalysis B: Environmental</i> , 2014 , 147, 167-174	21.8	85
25	Enhancing selective hydroconversion of C ₁₈ fatty acids into hydrocarbons by hydrogen-donors. <i>Fuel</i> , 2014 , 133, 241-244	7.1	11
24	The Reactants Phase State: A Nonnegligible Factor in Tetralin Hydrogenation Catalysts Evaluation. <i>International Journal of Chemical Engineering</i> , 2014 , 2014, 1-8	2.2	1
23	Hydroconversion of Jatropha Oil to Alternative Fuel over Hierarchical ZSM-5. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 19916-19924	3.9	51
22	Design of two-dimensional, ultrathin MoS ₂ nanoplates fabricated within one-dimensional carbon nanofibers with thermosensitive morphology: high-performance electrocatalysts for the hydrogen evolution reaction. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 22126-37	9.5	93
21	Hydrotreating of C ₁₈ fatty acids to hydrocarbons on sulphided NiW/SiO ₂ -Al ₂ O ₃ . <i>Fuel Processing Technology</i> , 2013 , 116, 165-174	7.2	81
20	Quantum dot self-decorated TiO ₂ nanosheets. <i>Chemical Communications</i> , 2013 , 49, 6593-5	5.8	69
19	AlCl ₃ -promoted MCM-41-supported platinum catalysts with high activity and sulfur-tolerance for tetralin hydrogenation: Effect of Pt/Al interaction. <i>Catalysis Communications</i> , 2013 , 35, 6-10	3.2	7
18	AlCl ₃ -Promoted MCM-41-Supported Platinum Catalysts with High Activity and Sulfur-Tolerance for Tetralin Hydrogenation: Effect of Al/Pt Ratio. <i>Catalysis Letters</i> , 2013 , 143, 454-462	2.8	8
17	Morphology and Microstructure of Ir _x Si _{1-x} O ₂ Oxides as Anodic Electrocatalyst for Electrosynthesis of Dinitrogen Pentoxide. <i>Applied Mechanics and Materials</i> , 2013 , 316-317, 1024-1028	0.3	
16	Electrochemical behavior of Ir _x Ru _{1-x} O ₂ oxides as anodic electrocatalyst for electrosynthesis of dinitrogen pentoxide. <i>Electrochimica Acta</i> , 2012 , 74, 227-234	6.7	10
15	Morphology evolution of TiO ₂ facets and vital influences on photocatalytic activity. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 1650-5	9.5	94
14	Densities and Excess Molar Volumes of the Ternary System N ₂ O ₄ + H ₂ O + HNO ₃ at 278.15 K, 283.15 K, 288.15 K, and 293.15 K. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 2416-2419	2.8	
13	Photocatalytic isomerization of norbornadiene to quadricyclane over metal (V, Fe and Cr)-incorporated TiO ₂ /MCM-41. <i>Applied Catalysis B: Environmental</i> , 2010 , 95, 439-445	21.8	55
12	Thermal stability and kinetic of decomposition of nitrated HTPB. <i>Journal of Hazardous Materials</i> , 2009 , 172, 1659-64	12.8	46

11	Epoxidation of hydroxyl-terminated polybutadiene with hydrogen peroxide under phase-transfer catalysis. <i>Journal of Molecular Catalysis A</i> , 2009 , 309, 89-94		23
10	Equilibrium Data for the N ₂ O ₅ + HNO ₃ + N ₂ O ₄ System at 258.2 K, 265.2 K, 273.2 K, and 281.2 K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 2077-2080	2.8	
9	Kinetics of Epoxidation of Hydroxyl-Terminated Polybutadiene with Hydrogen Peroxide under Phase Transfer Catalysis. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 1364-1371	3.9	16
8	Epoxidation of allyl chloride and hydrogen peroxide over titanium silicalite-1 film on SiO ₂ pellet support. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 82, 414-420	3.5	20
7	Electrochemical synthesis of N ₂ O ₅ by oxidation of N ₂ O ₄ in nitric acid with PTFE membrane. <i>Electrochimica Acta</i> , 2007 , 52, 3667-3672	6.7	5
6	Deactivation and regeneration of titanium silicalite catalyst for epoxidation of propylene. <i>Journal of Molecular Catalysis A</i> , 2007 , 273, 73-80		45
5	High pressure and temperature sensing for the downhole applications 2007 ,		3
4	Molecular dimensions of tetrahydrodicyclopentadiene isomers and shape selectivity of zeolitic catalysts. <i>Catalysis Communications</i> , 2005 , 6, 737-741	3.2	19
3	Epoxidation of allyl chloride with molecular oxygen and 2-ethyl-anthrahydroquinone catalyzed by TS-1. <i>Journal of Molecular Catalysis A</i> , 2005 , 229, 71-75		11
2	Influence of PtPd/TS-1 Catalyst Preparation on Epoxidation of Olefins with Hydrogen Peroxide. <i>Catalysis Letters</i> , 2005 , 103, 161-164	2.8	13
1	Study on deactivation and regeneration of Pd/Al ₂ O ₃ catalyst in hydrogen peroxide production by the anthraquinone process. <i>Reaction Kinetics and Catalysis Letters</i> , 2004 , 81, 297-304		4