Jinlin Long

List of Publications by Year in Descending Order

135 papers	6,806 citations	49 h-index	79 g-index
143 ext. papers	8,091 ext. citations	9.3 avg, IF	5.98 L-index

#	Paper	IF	Citations
135	In-situ Formed Surface Complexes Promoting NIR-Light-Driven Carbonylation of Diamine with CO on Ultrathin Co2CO3(OH)2 Nanosheets. *Applied Catalysis B: Environmental*, **2022**, 306, 121103	21.8	0
134	Freestanding N-doped graphene membrane electrode with interconnected porous architecture for efficient capacitive deionization. *Carbon*, **2022**, 187, 86-96	10.4	4
133	Low-crystalline PdCu alloy on large-area ultrathin 2D carbon nitride nanosheets for efficient photocatalytic Suzuki coupling. *Applied Catalysis B: Environmental*, **2022**, 300, 120756	21.8	4
132	Plasma-assisted in-situ preparation of graphene-Ag nanofiltration membranes for efficient removal of heavy metal ions. *Journal of Hazardous Materials*, **2022**, 423, 127012	12.8	4
131	Solar Photocatalytic Oxidation of Methane to Methanol with Water over RuOx/ZnO/CeO2 Nanorods. *ACS Sustainable Chemistry and Engineering*, **2022**, 10, 16-22	8.3	5
130	Site-Sensitive Selective CO Photoreduction to CO over Gold Nanoparticles.. *Angewandte Chemie - International Edition*, **2022**, e202204563	16.4	1
129	Lamellar MXene Nanofiltration Membranes for Electrostatic Modulation of Molecular Permeation: Implications for Fine Separation. *ACS Applied Nano Materials*, **2022**, 5, 7373-7381	5.6	1
128	Highly Efficient Plasmon Induced Hot-Electron Transfer at Ag/TiO2 Interface. *ACS Photonics*, **2021**, 8, 1497-1504	6.3	12
127	Metallic Pt and PtO2 Dual-Cocatalyst-Loaded Binary Composite RGO-CNx for the Photocatalytic Production of Hydrogen and Hydrogen Peroxide. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 6380-6389	8.3	4
126	Activation of Carbonyl Oxygen Sites in β-Ketoenamine-Linked Covalent Organic Frameworks via Cyano Conjugation for Efficient Photocatalytic Hydrogen Evolution. *Small*, **2021**, 17, e2101017	11	8
125	The Hole-Tunneling Heterojunction of Hematite-Based Photoanodes Accelerates Photosynthetic Reaction. *Angewandte Chemie - International Edition*, **2021**, 60, 16009-16018	16.4	8
124	The Hole-Tunneling Heterojunction of Hematite-Based Photoanodes Accelerates Photosynthetic Reaction. *Angewandte Chemie*, **2021**, 133, 16145-16154	3.6	0
123	Intimately Contacted Ni2P on CdS Nanorods for Highly Efficient Photocatalytic H2 Evolution: New Phosphidation Route and the Interfacial Separation Mechanism of Charge Carriers. *Applied Catalysis B: Environmental*, **2021**, 281, 119443	21.8	32
122	Electric-Field-Mediated Electron Tunneling of Supramolecular Naphthalimide Nanostructures for Biomimetic H Production. *Angewandte Chemie - International Edition*, **2021**, 60, 1235-1243	16.4	10
121	Electric-Field-Mediated Electron Tunneling of Supramolecular Naphthalimide Nanostructures for Biomimetic H2 Production. *Angewandte Chemie*, **2021**, 133, 1255-1263	3.6	1
120	Tunable linear donor–acceptor conjugated polymers with a vinylene linkage for visible-light driven hydrogen evolution. *Catalysis Science and Technology*, **2021**, 11, 4021-4025	5.5	7
119	Enhanced bacterial disinfection by CuI-BiOI/rGO hydrogel under visible light irradiation.. *RSC Advances*, **2021**, 11, 20446-20456	3.7	4

118	Photoelectrochemical reduction of carbon dioxide **2021**, 197-210		
117	Crystalline Covalent Organic Frameworks with Tailored Linkages for Photocatalytic H Evolution. *ChemSusChem*, **2021**, 14, 4958-4972	8.3	6
116	Conversion of CO2 to formic acid by integrated all-solar-driven artificial photosynthetic system. *Journal of Power Sources*, **2021**, 512, 230532	8.9	7
115	All-solid-state direct Z-scheme NiTiO3/Cd0.5Zn0.5S heterostructures for photocatalytic hydrogen evolution with visible light. *Journal of Materials Chemistry A*, **2021**, 9, 10270-10276	13	43
114	Solar-to-Chemical Fuel Conversion via Metal Halide Perovskite Solar-Driven Electrocatalysis.. *Journal of Physical Chemistry Letters*, **2021**, 25-41	6.4	2
113	Direct Z-Scheme Heterojunction of Semicoherent FAPbBr/BiWO Interface for Photoredox Reaction with Large Driving Force. *ACS Nano*, **2020**,	16.7	70
112	Integrating single Ni sites into biomimetic networks of covalent organic frameworks for selective photoreduction of CO. *Chemical Science*, **2020**, 11, 6915-6922	9.4	34
111	Plasmonic Electrons-Driven Solar-to-Hydrocarbon Conversion over Au NR@ZnO Core-Shell Nanostructures. *ChemCatChem*, **2020**, 12, 2989-2994	5.2	5
110	Subsurface Defect Engineering in Single-Unit-Cell Bi2WO6 Monolayers Boosts Solar-Driven Photocatalytic Performance. *ACS Catalysis*, **2020**, 10, 1439-1443	13.1	71
109	Molecular Engineering of Fully Conjugated sp Carbon-Linked Polymers for High-Efficiency Photocatalytic Hydrogen Evolution. *ChemSusChem*, **2020**, 13, 672-676	8.3	16
108	Tuning Intermediate-Band Cu3VS4 Nanocrystals from Plasmonic-like to Excitonic via Shell-Coating. *Chemistry of Materials*, **2020**, 32, 224-233	9.6	7
107	Hot Electron Tunneling of Metal Insulator COF Nanostructures for Efficient Hydrogen Production. *Angewandte Chemie*, **2019**, 131, 18458-18462	3.6	17
106	One-step green conversion of benzyl bromide to aldehydes on NaOH-modified g-C3N4 with dioxygen under LED visible light. *Catalysis Science and Technology*, **2019**, 9, 3270-3278	5.5	9
105	In situ construction of layered graphene-based nanofiltration membranes with interlayer photocatalytic purification function and their application for water treatment. *Environmental Science: Nano*, **2019**, 6, 2195-2202	7.1	10
104	Synthesis of caged iodine-modified ZnO nanomaterials and study on their visible light photocatalytic antibacterial properties. *Applied Catalysis B: Environmental*, **2019**, 256, 117873	21.8	49
103	Plasmonic control of solar-driven CO2 conversion at the metal/ZnO interfaces. *Applied Catalysis B: Environmental*, **2019**, 256, 117823	21.8	60
102	Defect engineering of metal-oxide interface for proximity of photooxidation and photoreduction. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 10232-10237	11.5	47
101	High-Rate, Tunable Syngas Production with Artificial Photosynthetic Cells. *Angewandte Chemie*, **2019**, 131, 7800-7804	3.6	9

100	High-Rate, Tunable Syngas Production with Artificial Photosynthetic Cells. *Angewandte Chemie - International Edition*, **2019**, 58, 7718-7722	16.4	55
99	Reconstructing Dual-Induced {0 0 1} Facets Bismuth Oxychloride Nanosheets Heterostructures: An Effective Strategy to Promote Photocatalytic Oxygen Evolution. *Solar Rrl*, **2019**, 3, 1900059	7.1	28
98	3D flower-like heterostructured TiO2@Ni(OH)2 microspheres for solar photocatalytic hydrogen production. *Chinese Journal of Catalysis*, **2019**, 40, 320-325	11.3	44
97	Z-Schemed WO3/rGO/SnIn4S8 Sandwich Nanohybrids for Efficient Visible Light Photocatalytic Water Purification. *Catalysts*, **2019**, 9, 187	4	14
96	Understanding structure-function relationships in HZSM-5 zeolite catalysts for photocatalytic oxidation of isopropyl alcohol. *Journal of Catalysis*, **2019**, 377, 322-331	7.3	10
95	Efficient Photothermal CO2 Methanation over RuO2/SrTiO3. *Trends in Chemistry*, **2019**, 1, 459-460	14.8	9
94	Hot □Electron Tunneling of Metal-Insulator-COF Nanostructures for Efficient Hydrogen Production. *Angewandte Chemie - International Edition*, **2019**, 58, 18290-18294	16.4	55
93	Gold Plasmon-Enhanced Solar Hydrogen Production over SrTiO3/TiO2 Heterostructures. *ChemCatChem*, **2019**, 11, 6203-6207	5.2	18
92	C(sp3)□H Bond Activation by Perovskite Solar Photocatalyst Cell. *ACS Energy Letters*, **2019**, 4, 203-208	20.1	74
91	Heterogeneous Photocatalyzed C□□ Cross-coupling Reactions Under Visible-light and Near-infrared Light Irradiation. *ChemCatChem*, **2019**, 11, 669-683	5.2	29
90	Amorphous Ta2OxNy-enwrapped TiO2 rutile nanorods for enhanced solar photoelectrochemical water splitting. *Applied Catalysis B: Environmental*, **2019**, 243, 481-489	21.8	65
89	Pyrochlore Pr2Zr1.95In0.05O7+□oxygen conductors: Defect-induced electron transport and enhanced NO2 sensing performances. *Electrochimica Acta*, **2019**, 293, 338-347	6.7	11
88	Efficient and Selective Photocatalytic Oxidation of Benzylic Alcohols with Hybrid Organic□Inorganic Perovskite Materials. *ACS Energy Letters*, **2018**, 3, 755-759	20.1	147
87	Green synthesis of red-emission carbon based dots by microbial fermentation. *New Journal of Chemistry*, **2018**, 42, 8591-8595	3.6	6
86	Reducing the barrier effect of graphene sheets on a Ag cocatalyst to further improve the photocatalytic performance of TiO.. *RSC Advances*, **2018**, 8, 14056-14063	3.7	6
85	Gold plasmon-induced photocatalytic dehydrogenative coupling of methane to ethane on polar oxide surfaces. *Energy and Environmental Science*, **2018**, 11, 294-298	35.4	124
84	Reduced Graphene Oxide-Cadmium Sulfide Nanorods Decorated with Silver Nanoparticles for Efficient Photocatalytic Reduction Carbon Dioxide Under Visible Light. *ChemCatChem*, **2018**, 10, 1627-1634	5.2	55
83	Amorphous NiO as co-catalyst for enhanced visible-light-driven hydrogen generation over g-C3N4 photocatalyst. *Applied Catalysis B: Environmental*, **2018**, 222, 35-43	21.8	185

82	Optofluidic Tunable Lenses for In-Plane Light Manipulation. *Micromachines*, **2018**, 9,	3.3	16
81	CuI-BiOI/Cu film for enhanced photo-induced charge separation and visible-light antibacterial activity. *Applied Catalysis B: Environmental*, **2018**, 235, 238-245	21.8	61
80	Pyrochlore Pr2Zr2-xMxO7+□(M = Al, Ga, In) solid-state electrolytes: Defect-mediated oxygen hopping pathways and enhanced NO2 sensing properties. *Sensors and Actuators B: Chemical*, **2018**, 270, 130-139	8.5	15
79	A graphene-hidden structure with diminished light shielding effect: more efficient graphene-involved composite photocatalysts. *Catalysis Science and Technology*, **2018**, 8, 4734-4740	5.5	16
78	Small-Sized Bimetallic CuPd Nanoclusters Encapsulated Inside Cavity of NH2-UiO-66(Zr) with Superior Performance for Light-Induced Suzuki Coupling Reaction. *Small Methods*, **2018**, 2, 1800164	12.8	39
77	Visible-Light Driven Overall Conversion of CO and HO to CH and O on 3D-SiC@2D-MoS Heterostructure. *Journal of the American Chemical Society*, **2018**, 140, 14595-14598	16.4	246
76	Cd 3 (C 3 N 3 S 3) 2 coordination polymer/graphene nanoarchitectures for enhanced photocatalytic H 2 O 2 production under visible light. *Science Bulletin*, **2017**, 62, 610-618	10.6	37
75	Ce incorporated pyrochlore Pr2Zr2O7 solid electrolytes for enhanced mild-temperature NO2 sensing. *Ceramics International*, **2017**, 43, 11799-11806	5.1	13
74	Molecular p□ heterojunction-enhanced visible-light hydrogen evolution over a N-doped TiO2 photocatalyst. *Catalysis Science and Technology*, **2017**, 7, 2039-2049	5.5	21
73	Q-switching Yb: YAG lasers based on plasmon resonance nonlinearities of CuSe@CuS nanorods. *Optics Letters*, **2017**, 42, 2619-2622	3	1
72	Metal-Free Photocatalysts C3N3S3 and its Polymers: Solubility in Water and Application in Benzylic Alcohols Oxidation Under Visible Light. *Nano*, **2017**, 12, 1750101	1.1	2
71	Graphitic carbon/carbon nitride hybrid as metal-free photocatalyst for enhancing hydrogen evolution. *Applied Catalysis A: General*, **2017**, 546, 30-35	5.1	19
70	Compact carbon nitride based copolymer films with controllable thickness for photoelectrochemical water splitting. *Journal of Materials Chemistry A*, **2017**, 5, 19062-19071	13	34
69	Alkaline-Earth Metals-Doped Pyrochlore GdZrO as Oxygen Conductors for Improved NO Sensing Performance. *Scientific Reports*, **2017**, 7, 4684	4.9	25
68	Dual couples Bi metal depositing and Ag@AgI islanding on BiOI 3D architectures for synergistic bactericidal mechanism of E. coli under visible light. *Applied Catalysis B: Environmental*, **2017**, 204, 1-10	21.8	124
67	Post-synthetic regulation of the structure, morphology and photoactivity of graphitic carbon nitride by heat-vacuum treatment. *Materials and Design*, **2017**, 114, 208-213	8.1	5
66	Large-scale preparation of heterometallic chalcogenide MnSbS monolayer nanosheets with a high visible-light photocatalytic activity for H evolution. *Chemical Communications*, **2016**, 52, 13381-13384	5.8	15
65	One-pot fabrication of Bi3O4Cl/BiOCl plate-on-plate heterojunction with enhanced visible-light photocatalytic activity. *Applied Catalysis B: Environmental*, **2016**, 185, 203-212	21.8	113

64	A Long-Lived Mononuclear Cyclopentadienyl Ruthenium Complex Grafted onto Anatase TiO2 for Efficient CO2 Photoreduction. *Angewandte Chemie*, **2016**, 128, 8454-8458	3.6	16
63	A Long-Lived Mononuclear Cyclopentadienyl Ruthenium Complex Grafted onto Anatase TiO2 for Efficient CO2 Photoreduction. *Angewandte Chemie - International Edition*, **2016**, 55, 8314-8	16.4	78
62	Synergy of metal and nonmetal dopants for visible-light photocatalysis: a case-study of Sn and N co-doped TiO2. *Physical Chemistry Chemical Physics*, **2016**, 18, 9636-44	3.6	59
61	I-TiO2/PVC film with highly photocatalytic antibacterial activity under visible light. *Colloids and Surfaces B: Biointerfaces*, **2016**, 144, 196-202	6	18
60	Structural evolution of alkaline earth metal stannates MSnO3 (M = Ca, Sr, and Ba) photocatalysts for hydrogen production. *RSC Advances*, **2016**, 6, 42474-42481	3.7	57
59	One-step synthesis of mesoporous Pt□Nb2O5 nanocomposites with enhanced photocatalytic hydrogen production activity. *RSC Advances*, **2016**, 6, 96809-96815	3.7	16
58	Heteroatomic Ni, Sn Clusters-Grafted Anatase TiO2 Photocatalysts: Structure, Electron Delocalization, and Synergy for Solar Hydrogen Production. *Journal of Physical Chemistry C*, **2015**, 119, 10478-10492	3.8	30
57	Iodine-modified nanocrystalline titania for photo-catalytic antibacterial application under visible light illumination. *Applied Catalysis B: Environmental*, **2015**, 176-177, 36-43	21.8	53
56	Towards a comprehensive insight into efficient hydrogen production by self-assembled Ru(bpy)3(2+)-polymer-Pt artificial photosystems. *Physical Chemistry Chemical Physics*, **2015**, 17, 10726-36	3.6	12
55	Layered metal□organic framework/graphene nanoarchitectures for organic photosynthesis under visible light. *Journal of Materials Chemistry A*, **2015**, 3, 24261-24271	13	103
54	Monolayered Bi2WO6 nanosheets mimicking heterojunction interface with open surfaces for photocatalysis. *Nature Communications*, **2015**, 6, 8340	17.4	430
53	Template-free synthesis of porous graphitic carbon nitride microspheres for enhanced photocatalytic hydrogen generation with high stability. *Applied Catalysis B: Environmental*, **2015**, 165, 503-510	21.8	161
52	Robust Photocatalytic H2O2 Production by Octahedral Cd3(C3N3S3)2 Coordination Polymer under Visible Light. *Scientific Reports*, **2015**, 5, 16947	4.9	58
51	Interim anatase coating layer stabilizes rutile@Crx Oy photoanode for visible-light-driven water oxidation. *ChemPhysChem*, **2015**, 16, 1352-5	3.2	8
50	Hydrothermal synthesis of MSn(OH)6 (M=Co, Cu, Fe, Mg, Mn, Zn) and their photocatalytic activity for the destruction of gaseous benzene. *Chemical Engineering Journal*, **2015**, 269, 168-179	14.7	32
49	Photocatalytic reduction of CO2 with H2O to CH4 on Cu(I) supported TiO2 nanosheets with defective {001} facets. *Physical Chemistry Chemical Physics*, **2015**, 17, 9761-70	3.6	89
48	Gold-plasmon enhanced solar-to-hydrogen conversion on the {001} facets of anatase TiO2 nanosheets. *Energy and Environmental Science*, **2014**, 7, 973	35.4	146
47	Single-site nickel-grafted anatase TiO2 for hydrogen production: Toward understanding the nature of visible-light photocatalysis. *Journal of Catalysis*, **2014**, 320, 147-159	7.3	59

46	Vacuum heat-treatment of carbon nitride for enhancing photocatalytic hydrogen evolution. *Journal of Materials Chemistry A*, **2014**, 2, 17797-17807	13	74
45	Visible light-driven decomposition of gaseous benzene on robust Sn2+-doped anatase TiO2 nanoparticles. *RSC Advances*, **2014**, 4, 34315-34324	3.7	35
44	Fabrication of robust M/Ag3PO4 (M = Pt, Pd, Au) Schottky-type heterostructures for improved visible-light photocatalysis. *RSC Advances*, **2014**, 4, 37220	3.7	53
43	Layered C3N3S3 Polymer/Graphene Hybrids as Metal-Free Catalysts for Selective Photocatalytic Oxidation of Benzylic Alcohols under Visible Light. *ACS Catalysis*, **2014**, 4, 3302-3306	13.1	81
42	Bi2MoO6 nanobelts for crystal facet-enhanced photocatalysis. *Small*, **2014**, 10, 2791-5, 2741	11	123
41	Ternary Pt/SnO(x)/TiO2 photocatalysts for hydrogen production: consequence of Pt sites for synergy of dual co-catalysts. *Physical Chemistry Chemical Physics*, **2014**, 16, 12521-34	3.6	63
40	Visible-light photocatalytic denitrogenation of nitrogen-containing compound in petroleum by metastable Bi20TiO32. *International Journal of Hydrogen Energy*, **2014**, 39, 13401-13407	6.7	20
39	Au deposited BiOCl with different facets: On determination of the facet-induced transfer preference of charge carriers and the different plasmonic activity. *Applied Catalysis B: Environmental*, **2014**, 160-161, 98-105	21.8	73
38	Self-assembled micro/nano-structured Zn2GeO4 hollow spheres: direct synthesis and enhanced photocatalytic activity. *Journal of Materials Chemistry A*, **2013**, 1, 10622	13	21
37	Single-site Sn-grafted Ru/TiO2 photocatalysts for biomass reforming: Synergistic effect of dual co-catalysts and molecular mechanism. *Journal of Catalysis*, **2013**, 303, 141-155	7.3	75
36	Single-site tin-grafted anatase TiO2 for photocatalytic hydrogen production: Toward understanding the nature of interfacial molecular junctions formed in semiconducting composite photocatalysts. *Journal of Catalysis*, **2012**, 289, 88-99	7.3	43
35	Amine-functionalized zirconium metal-organic framework as efficient visible-light photocatalyst for aerobic organic transformations. *Chemical Communications*, **2012**, 48, 11656-8	5.8	328
34	Nitrogen-doped graphene stabilized gold nanoparticles for aerobic selective oxidation of benzylic alcohols. *RSC Advances*, **2012**, 2, 12438	3.7	70
33	Visible light-induced highly efficient organic pollutant degradation and concomitant CO2 fixation using red lead. *RSC Advances*, **2012**, 2, 12624	3.7	8
32	Photoinduced reactions between Pb3O4 and organic dyes in aqueous solution under visible light. *Inorganic Chemistry*, **2012**, 51, 12594-6	5.1	12
31	Nitrogen-Doped Graphene Nanosheets as Metal-Free Catalysts for Aerobic Selective Oxidation of Benzylic Alcohols. *ACS Catalysis*, **2012**, 2, 622-631	13.1	327
30	In situ IR study of surface hydroxyl species of dehydrated TiO2: towards understanding pivotal surface processes of TiO2 photocatalytic oxidation of toluene. *Physical Chemistry Chemical Physics*, **2012**, 14, 9468-74	3.6	97
29	Probing the electronic structure and photoactivation process of nitrogen-doped TiO2 using DRS, PL, and EPR. *ChemPhysChem*, **2012**, 13, 1542-50	3.2	25

28	Controlling the synergistic effect of oxygen vacancies and N dopants to enhance photocatalytic activity of N-doped TiO2 by H2 reduction. *Applied Catalysis A: General*, **2012**, 425-426, 117-124	5.1	69
27	Enhanced Hydrogen Production over C-Doped CdO Photocatalyst in NaS/NaSO Solution under Visible Light Irradiation. *International Journal of Photoenergy*, **2012**, 2012, 1-7	2.1	11
26	Organic semiconductor for artificial photosynthesis: water splitting into hydrogen by a bioinspired C3N3S3polymer under visible light irradiation. *Chemical Science*, **2011**, 2, 1826-1830	9.4	146
25	Surface Chlorination of TiO2-Based Photocatalysts: A Way to Remarkably Improve Photocatalytic Activity in Both UV and Visible Region. *ACS Catalysis*, **2011**, 1, 200-206	13.1	62
24	Sn2+ dopant induced visible-light activity of SnO2 nanoparticles for H2 production. *Catalysis Communications*, **2011**, 16, 215-219	3.2	54
23	Trinuclear iron cluster intercalated montmorillonite catalyst: Microstructure and photo-Fenton performance. *Catalysis Today*, **2011**, 175, 362-369	5.3	12
22	Efficient photocatalytic degradation of volatile organic compounds by porous indium hydroxide nanocrystals. *Environmental Science & Technology*, **2010**, 44, 1380-5	10.3	87
21	Catalytic role of Cu sites of Cu/MCM-41 in phenol hydroxylation. *Langmuir*, **2010**, 26, 1362-71	4	75
20	Infrared Study of the NO Reduction by Hydrocarbons over Iron Sites with Low Nuclearity: Some New Insight into the Reaction Pathway. *Journal of Physical Chemistry C*, **2010**, 114, 15713-15727	3.8	26
19	Nitrogen-doped titanium dioxide visible light photocatalyst: Spectroscopic identification of photoactive centers. *Journal of Catalysis*, **2010**, 276, 201-214	7.3	170
18	H2O2 promoting effect on photocatalytic degradation of organic pollutants in an aqueous solution without an external H2 supply. *Applied Catalysis A: General*, **2010**, 380, 178-184	5.1	8
17	Binuclear hydroxo-bridged iron clusters derived from surface organometallic chemistry of ferrocene in cavities of HY zeolite: Local structure, bound sites, and catalytic reactivity. *Journal of Catalysis*, **2009**, 264, 163-174	7.3	22
16	Photochemical synthesis of submicron- and nano-scale Cu2O particles. *Journal of Colloid and Interface Science*, **2009**, 333, 791-9	9.3	36
15	Hydrothermal synthesis, characterization, and photocatalytic properties of Zn2SnO4. *Journal of Solid State Chemistry*, **2009**, 182, 517-524	3.3	92
14	Hydroxide ZnSn(OH)6: A promising new photocatalyst for benzene degradation. *Applied Catalysis B: Environmental*, **2009**, 91, 67-72	21.8	105
13	Controlled synthesis of pure and highly dispersive Cu(II), Cu(I), and Cu(0)/MCM-41 with Cu[OCHMeCH2NMe2]2/MCM-41 as precursor. *New Journal of Chemistry*, **2009**, 33, 2044	3.6	27
12	Cyclopentadiene transformation over H-form zeolites: TPD and IR studies of the formation of a monomeric cyclopentenyl carbenium ion intermediate and its role in acid-catalyzed conversions. *Journal of Catalysis*, **2008**, 255, 48-58	7.3	16
11	Controlled preparation of In2O3, InOOH and In(OH)3via a one-pot aqueous solvothermal route. *New Journal of Chemistry*, **2008**, 32, 1843	3.6	32

10	Deposition Chemistry of Cu[OCH(Me)CH2NMe2]2 over Mesoporous Silica. *Chemistry of Materials*, **2008**, 20, 4565-4575	9.6	15
9	Photocatalytic and antibacterial properties of medical-grade PVC material coated with TiO2 film. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2008**, 87, 425-31	3.5	44
8	Urea-based hydrothermal growth, optical and photocatalytic properties of single-crystalline In(OH)3 nanocubes. *Journal of Colloid and Interface Science*, **2008**, 325, 425-31	9.3	67
7	Indium hydroxide: A highly active and low deactivated catalyst for photoinduced oxidation of benzene. *Comptes Rendus Chimie*, **2008**, 11, 101-106	2.7	54
6	Photoactive sites in commercial HZSM-5 zeolite with iron impurities: An UV Raman study. *Comptes Rendus Chimie*, **2008**, 11, 114-119	2.7	7
5	Photocatalytic reforming of biomass: A systematic study of hydrogen evolution from glucose solution. *International Journal of Hydrogen Energy*, **2008**, 33, 6484-6491	6.7	264
4	Construction of highly dispersed mononuclear iron-oxo species in the supercages of Y zeolite by use of surface organometallic chemistry. *Microporous and Mesoporous Materials*, **2008**, 108, 258-265	5.3	13
3	Insight into Photoactive Sites for the Ethylene Oxidation on Commercial HZSM-5 Zeolites with Iron Impurities by UV Raman, X-ray Absorption Fine Structure, and Electron Paramagnetic Resonance Spectroscopies. *Journal of Physical Chemistry C*, **2007**, 111, 5195-5202	3.8	9
2	A mononuclear cyclopentadiene-iron complex grafted in the supercages of HY zeolite: synthesis, structure, and reactivity. *Chemistry - A European Journal*, **2007**, 13, 7890-9	4.8	21
1	AuPd Nanoparticles Decorated Ultrathin Bi2TiO4F2 Sheets for Photocatalytic Methane Oxidation. *New Journal of Chemistry*,	3.6	