

# Sun Hee Choi

## List of Publications by Year in descending order

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113  
papers

6,220  
citations

76196

40  
h-index

71532

76  
g-index

114  
all docs

114  
docs citations

114  
times ranked

9016  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave-assisted metal-ion attachment for ex-situ zirconium doping into hematite for enhanced photoelectrochemical water splitting. <i>Renewable Energy</i> , 2022, 189, 694-703.	4.3	17
2	Synchronized effect of in-situ Ti doping and microwave-assisted SiO <sub>x</sub> hole transport channel on ZnFe <sub>2</sub> O <sub>4</sub> nanocoral arrays for efficient photoelectrochemical water splitting. <i>Applied Surface Science</i> , 2022, 592, 153212.	3.1	13
3	Influence of ZnO Magnetron Sputtering on Controlled Buildout of Zirconium-Doped ZnFe <sub>2</sub> O <sub>4</sub> /Fe <sub>2</sub> O <sub>3</sub> Heterojunction Photoanodes for Photoelectrochemical Water Splitting. <i>ACS Applied Energy Materials</i> , 2022, 5, 915-929.	2.5	9
4	Efficient charge transfers in hematite photoanode integrated by fluorine and zirconia co-doping for photoelectrochemical water splitting. <i>Chemical Engineering Journal</i> , 2022, 446, 136957.	6.6	11
5	Detonated growth and functionalization of iron (III) oxyhydroxide nanorod array templates via microwave-assisted synthesis for photoelectrochemical water splitting. <i>Applied Surface Science</i> , 2022, 596, 153609.	3.1	7
6	Enhanced charge transfer with tuning surface state in hematite photoanode integrated by niobium and zirconium co-doping for efficient photoelectrochemical water splitting. <i>Applied Catalysis B: Environmental</i> , 2022, 315, 121538.	10.8	30
7	Microwave-assisted surface attachment of aluminium ions on <i>in situ</i> diluted titanium-doped hematite photoanodes for efficient photoelectrochemical water-splitting. <i>Sustainable Energy and Fuels</i> , 2022, 6, 3056-3067.	2.5	7
8	Lowering the onset potential of Zr-doped hematite nanocoral photoanodes by Al co-doping and surface modification with electrodeposited Co-Pi. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 751-763.	5.0	23
9	Self-templated fabrication of 2-D dual nanoarchitecture Zn <sub>1-x</sub> Cd <sub>x</sub> S porous nanosheet and ZnO nanorod for photoelectrochemical hydrogen production. <i>Applied Surface Science</i> , 2021, 539, 148267.	3.1	14
10	Rational design of interface refining through Ti <sup>4+</sup> /Zr <sup>4+</sup> diffusion/doping and TiO <sub>2</sub> /ZrO <sub>2</sub> surface crowning of ZnFe <sub>2</sub> O <sub>4</sub> nanocorals for photoelectrochemical water splitting. <i>Catalysis Science and Technology</i> , 2021, 11, 3141-3152.	2.1	13
11	A systematic study of post-activation temperature dependence on photoelectrochemical water splitting of one-step synthesized FeOOH CF photoanodes with erratically loaded ZrO <sub>2</sub> . <i>Sustainable Energy and Fuels</i> , 2021, 5, 3414-3427.	2.5	18
12	Magnetron sputtering strategy for Zr-Fe <sub>2</sub> O <sub>3</sub> nanorod photoanode fabricated from ZrO <sub>x</sub> /FeOOH nanorods for photoelectrochemical water splitting. <i>Applied Surface Science</i> , 2021, 549, 149233.	3.1	27
13	Topotactic and Self-Templated Fabrication of Zn <sub>1-x</sub> Cd <sub>x</sub> Se Porous Nanobelt-ZnO Nanorod for Photoelectrochemical Hydrogen Production. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 29450-29460.	4.0	10
14	Effect of low-temperature solvothermal route on controlled growth mechanism of Se rich-ZnSe(en) <sub>0.5</sub> templates for ZnO NR-Zn <sub>1-x</sub> Cd <sub>x</sub> Se photoelectrodes. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120621.	10.8	9
15	Solid-phase arsenic speciation using XANES: preservation of arsenic species for reliable and accurate environmental risk assessment. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-18.	1.8	3
16	Effect of Sn-self diffusion via H <sub>2</sub> treatment on low temperature activation of hematite photoanodes. <i>Catalysis Science and Technology</i> , 2020, 10, 4245-4255.	2.1	3
17	Response to Comment on "Dry reforming of methane by stable Ni-Mo nanocatalysts on single-crystalline MgO". <i>Science</i> , 2020, 368, .	6.0	1
18	Porous Zn <sub>1-x</sub> Cd <sub>x</sub> S nanosheets/ZnO nanorod heterojunction photoanode via self-templated and cadmium ions exchanged conversion of ZnS(HDA) <sub>0.5</sub> nanosheets/ZnO nanorod. <i>Chemical Engineering Journal</i> , 2020, 402, 126153.	6.6	27

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19	Transparent Zirconium-doped Hematite Nanocoral Photoanode via In-Situ Diluted Hydrothermal Approach for Efficient Solar Water Splitting. <i>Chemical Engineering Journal</i> , 2020, 390, 124504.	6.6	27
20	Dry reforming of methane by stable Ni <sup>2+</sup> /Mo nanocatalysts on single-crystalline MgO. <i>Science</i> , 2020, 367, 777-781.	6.0	372
21	Synthesis of transparent Zr-doped ZnFe <sub>2</sub> O <sub>4</sub> nanocorals photoanode and its surface modification via Al <sub>2</sub> O <sub>3</sub> /Co <sup>2+</sup> /P <sup>3+</sup> for efficient solar water splitting. <i>Applied Surface Science</i> , 2020, 513, 145528.	3.1	29
22	An effective strategy to promote hematite photoanode at low voltage bias via Zr <sup>4+</sup> /Al <sup>3+</sup> codoping and CoO <sub>x</sub> OER co-catalyst. <i>Electrochimica Acta</i> , 2019, 319, 444-455.	2.6	17
23	Mixed Transition Metal Oxide with Vacancy-Induced Lattice Distortion for Enhanced Catalytic Activity of Oxygen Evolution Reaction. <i>ACS Catalysis</i> , 2019, 9, 7099-7108.	5.5	85
24	Improved Interfacial Charge Transfer Dynamics and Onset Shift in Nanostructured Hematite Photoanodes via Efficient Ti <sup>4+</sup> /Sn <sup>4+</sup> Heterogeneous Self-Doping Through Controlled TiO <sub>2</sub> Underlayers. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6947-6958.	3.2	25
25	Facile synthesis of Bi <sub>2</sub> S <sub>3</sub> nanosheet/Zr:Fe <sub>2</sub> O <sub>3</sub> nanorod heterojunction: Effect of Ag interlayer on the charge transport and photoelectrochemical stability. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 70, 311-321.	2.9	12
26	Hybrid Microwave Annealing for Fabrication of More Efficient Semiconductor Photoanodes for Solar Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 944-949.	3.2	15
27	Superlattice Formation of Crystal Water in Layered Double Hydroxides for Long-Term and Fast Operation of Aqueous Rechargeable Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1703572.	10.2	17
28	Metal-Free Artificial Photosynthesis of Carbon Monoxide Using N-Doped ZnTe Nanorod Photocathode Decorated with N-Doped Carbon Electrocatalyst Layer. <i>Advanced Energy Materials</i> , 2018, 8, 1702636.	10.2	42
29	Enhanced Photocatalytic Degradation of Organic Pollutants and Inactivation of <i>Listeria monocytogenes</i> by Visible Light Active Rh <sup>3+</sup> /Sb Codoped TiO <sub>2</sub> Nanorods. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4302-4315.	3.2	44
30	Insights into the enhanced photoelectrochemical performance of hydrothermally controlled hematite nanostructures for proficient solar water oxidation. <i>Dalton Transactions</i> , 2018, 47, 4076-4086.	1.6	9
31	Effect of tetravalent dopants on hematite nanostructure for enhanced photoelectrochemical water splitting. <i>Applied Surface Science</i> , 2018, 427, 1203-1212.	3.1	51
32	Highly self-diffused Sn doping in $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanorod photoanodes initiated from $\beta$ -FeOOH nanorod/FTO by hydrogen treatment for solar water oxidation. <i>Nanoscale</i> , 2018, 10, 22560-22571.	2.8	47
33	Activation of a highly oriented columnar structure of ZnFe <sub>2</sub> O <sub>4</sub> for photoelectrochemical water splitting: Orchestrated effects of two-step quenching and Sn <sup>4+</sup> diffusion. <i>Solar Energy Materials and Solar Cells</i> , 2018, 187, 207-218.	3.0	29
34	A multitude of modifications strategy of ZnFe <sub>2</sub> O <sub>4</sub> nanorod photoanodes for enhanced photoelectrochemical water splitting activity. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12693-12700.	5.2	52
35	Enhanced photoelectrochemical performance of internally porous Au-embedded $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> photoanodes for water oxidation. <i>Chemical Communications</i> , 2017, 53, 4278-4281.	2.2	10
36	Surfactant and TiO <sub>2</sub> underlayer derived porous hematite nanoball array photoanode for enhanced photoelectrochemical water oxidation. <i>Chemical Engineering Journal</i> , 2017, 320, 81-92.	6.6	21

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37	Sodium-Containing Spinel Zinc Ferrite as a Catalyst Precursor for the Selective Synthesis of Liquid Hydrocarbon Fuels. <i>ChemSusChem</i> , 2017, 10, 4764-4770.	3.6	89
38	Tunable Photoluminescence across the Visible Spectrum and Photocatalytic Activity of Mixed-Valence Rhenium Oxide Nanoparticles. <i>Journal of the American Chemical Society</i> , 2017, 139, 15088-15093.	6.6	33
39	Fabrication of A/R-TiO <sub>2</sub> composite for enhanced photoelectrochemical performance: Solar hydrogen generation and dye degradation. <i>Applied Surface Science</i> , 2017, 426, 833-843.	3.1	49
40	Carbon dioxide Fischer-Tropsch synthesis: A new path to carbon-neutral fuels. <i>Applied Catalysis B: Environmental</i> , 2017, 202, 605-610.	10.8	230
41	Photocatalytic activity of electron-deficient and porous WO <sub>3</sub> nanoparticles derived from thermal oxidation of bulk WC particles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 330, 37-43.	2.0	3
42	Oxygen-Intercalated CuFeO <sub>2</sub> Photocathode Fabricated by Hybrid Microwave Annealing for Efficient Solar Hydrogen Production. <i>Chemistry of Materials</i> , 2016, 28, 6054-6061.	3.2	113
43	Trade-off between Zr Passivation and Sn Doping on Hematite Nanorod Photoanodes for Efficient Solar Water Oxidation: Effects of a ZrO <sub>2</sub> Underlayer and FTO Deformation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 19428-19437.	4.0	51
44	Sn/Be Sequentially co-doped Hematite Photoanodes for Enhanced Photoelectrochemical Water Oxidation: Effect of Be <sup>2+</sup> as co-dopant. <i>Scientific Reports</i> , 2016, 6, 23183.	1.6	75
45	Subnanometer Cobalt-Hydroxide-Anchored N-Doped Carbon Nanotube Forest for Bifunctional Oxygen Catalyst. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 1571-1577.	4.0	67
46	Onset potential behavior in $\pm$ -Fe <sub>2</sub> O <sub>3</sub> photoanodes: the influence of surface and diffusion Sn doping on the surface states. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 2495-2509.	1.3	96
47	A Synergistic Effect of Surfactant and ZrO <sub>2</sub> Underlayer on Photocurrent Enhancement and Cathodic Shift of Nanoporous Fe <sub>2</sub> O <sub>3</sub> Photoanode. <i>Scientific Reports</i> , 2016, 6, 32436.	1.6	17
48	Photoelectrochemical, impedance and optical data for self Sn-diffusion doped Fe <sub>2</sub> O <sub>3</sub> photoanodes fabricated at high temperature by one and two-step annealing methods. <i>Data in Brief</i> , 2015, 5, 796-804.	0.5	16
49	Selective Formation of $\gamma$ -Iron Carbide with $\text{g-C}_3\text{N}_4$ as a Sacrificial Support for Highly Active Fischer-Tropsch Synthesis. <i>ChemCatChem</i> , 2015, 7, 3488-3494.	1.8	46
50	Tree branch-shaped cupric oxide for highly effective photoelectrochemical water reduction. <i>Nanoscale</i> , 2015, 7, 7624-7631.	2.8	90
51	Exploiting the dynamic Sn diffusion from deformation of FTO to boost the photocurrent performance of hematite photoanodes. <i>Solar Energy Materials and Solar Cells</i> , 2015, 141, 71-79.	3.0	48
52	Activation of Hematite Photoanodes for Solar Water Splitting: Effect of FTO Deformation. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3810-3817.	1.5	108
53	Bifunctional TiO <sub>2</sub> underlayer for $\pm$ -Fe <sub>2</sub> O <sub>3</sub> nanorod based photoelectrochemical cells: enhanced interface and Ti <sup>4+</sup> doping. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5007-5013.	5.2	90
54	Fine-Tuning Pulse Reverse Electrodeposition for Enhanced Photoelectrochemical Water Oxidation Performance of $\pm$ -Fe <sub>2</sub> O <sub>3</sub> Photoanodes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 5281-5292.	1.5	30

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55	Electrochemically Induced Structural Transformation in a $\lambda$ - $\text{MnO}_2$ Cathode of a High Capacity Zinc-Ion Battery System. <i>Chemistry of Materials</i> , 2015, 27, 3609-3620.	3.2	788
56	Defective $\text{ZnFe}_2\text{O}_4$ nanorods with oxygen vacancy for photoelectrochemical water splitting. <i>Nanoscale</i> , 2015, 7, 19144-19151.	2.8	183
57	Role of Graphene Oxide as a Sacrificial Interlayer for Enhanced Photoelectrochemical Water Oxidation of Hematite Nanorods. <i>Journal of Physical Chemistry C</i> , 2015, 119, 19996-20002.	1.5	29
58	Awakening Solar Water-Splitting Activity of $\text{ZnFe}_2\text{O}_4$ Nanorods by Hybrid Microwave Annealing. <i>Advanced Energy Materials</i> , 2015, 5, 1401933.	10.2	95
59	New Insight into Copper Sulfide Electrocatalysts for Quantum Dot-Sensitized Solar Cells: Composition-Dependent Electrocatalytic Activity and Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 22078-22087.	4.0	109
60	Highly Active and Stable Hydrogen Evolution Electrocatalysts Based on Molybdenum Compounds on Carbon Nanotube-Graphene Hybrid Support. <i>ACS Nano</i> , 2014, 8, 5164-5173.	7.3	531
61	Equilibria, kinetics, and spectroscopic analyses on the uptake of aqueous arsenite by two-line ferrihydrite. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 251-261.	1.2	17
62	Sequestration of arsenate from aqueous solution using 2-line ferrihydrite: equilibria, kinetics, and X-ray absorption spectroscopic analysis. <i>Environmental Earth Sciences</i> , 2014, 71, 3307-3318.	1.3	9
63	Mechanisms of enhanced sulfur tolerance on samarium (Sm)-doped cerium oxide ( $\text{CeO}_2$ ) from first principles. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 10727-10733.	1.3	16
64	Thickness dependent magnetic properties of (111)-oriented $\text{Co}_{0.8}\text{Fe}_{2.2}\text{O}_4$ thin film grown by pulsed laser deposition. <i>Thin Solid Films</i> , 2014, 571, 62-68.	0.8	10
65	Fabrication of graphene-based electrode in less than a minute through hybrid microwave annealing. <i>Scientific Reports</i> , 2014, 4, 5492.	1.6	76
66	(111)-Oriented $\text{Co}_{0.8}\text{Fe}_{2.2}\text{O}_4$ thin film grown by pulsed laser deposition: structural and magnetic properties. <i>Journal of Materials Science</i> , 2013, 48, 6960-6969.	1.7	10
67	Enhancing the catalytic activity of Pt nanoparticles using poly sodium styrene sulfonate stabilized graphene supports for methanol oxidation. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3489.	5.2	73
68	A highly efficient transition metal nitride-based electrocatalyst for oxygen reduction reaction: TiN on a CNT-graphene hybrid support. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8007.	5.2	126
69	Photocatalytic selective oxidation of the terminal methyl group of dodecane with molecular oxygen over atomically dispersed Ti in a mesoporous $\text{SiO}_2$ matrix. <i>Green Chemistry</i> , 2013, 15, 3387.	4.6	10
70	Photocatalytic synthesis of oxygenated hydrocarbons from diesel fuel for mobile deNO <sub>x</sub> application. <i>Journal of Catalysis</i> , 2013, 302, 58-66.	3.1	2
71	Selective deposition of Pt onto supported metal clusters for fuel cell electrocatalysts. <i>Nanoscale</i> , 2012, 4, 6461.	2.8	16
72	In-situ synthesis, local structure, photoelectrochemical property of Fe-intercalated titanate nanotube. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 11081-11089.	3.8	12

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73	Active size-controlled Ru catalysts for selective CO oxidation in H <sub>2</sub> . Applied Catalysis B: Environmental, 2012, 127, 129-136.	10.8	17
74	Light-Induced Cleaning of CdS and ZnS Nanoparticles: Superiority to Annealing as a Postsynthetic Treatment of Functional Nanoparticles. Journal of Physical Chemistry C, 2012, 116, 15427-15431.	1.5	3
75	Synthesis, electronic property and photocatalytic applications of mesoporous cobalt-doped ZnS and ZnO nanoplates. Applied Catalysis A: General, 2012, 427-428, 106-113.	2.2	26
76	Palladium-nickel alloys loaded on tungsten carbide as platinum-free anode electrocatalysts for polymer electrolyte membrane fuel cells. Chemical Communications, 2011, 47, 5792.	2.2	62
77	Interactions Between Tetrahydrothiophene (THT) and Silver Species in AgNa-Y. Journal of Nanoscience and Nanotechnology, 2010, 10, 203-210.	0.9	1
78	Structural characterization and effect of dehydration on the Ni-doped titanate nanotubes. Catalysis Today, 2009, 146, 230-233.	2.2	8
79	Luminescence and local structure of Mn-doped ZnS hybrid crystal with two-dimensional platelet morphology. Chemical Physics Letters, 2009, 468, 253-256.	1.2	5
80	Observation of slowly decreasing molecular oscillations in ultrathin liquid films using X-ray reflectivity. European Physical Journal: Special Topics, 2009, 167, 163-169.	1.2	0
81	High Electrochemical Li Intercalation in Titanate Nanotubes. Journal of Physical Chemistry C, 2009, 113, 14034-14039.	1.5	15
82	Band Gap Tailored Zn(Nb <sub>1-x</sub> V <sub>x</sub> ) <sub>2</sub> O <sub>6</sub> Solid Solutions as Visible Light Photocatalysts. Journal of Physical Chemistry C, 2009, 113, 17824-17830.	1.5	23
83	N-Doped ZnS Nanoparticles Prepared through an Inorganic-Organic Hybrid Complex ZnS-(piperazine) <sub>0.5</sub> . Journal of Physical Chemistry C, 2009, 113, 20445-20451.	1.5	27
84	Enhanced Photocatalytic Hydrogen Production from Water-Methanol Solution by Nickel Intercalated into Titanate Nanotube. Journal of Physical Chemistry C, 2009, 113, 8990-8996.	1.5	72
85	Transesterification of Dimethylcarbonate and Phenol Over Silica Supported TiO <sub>2</sub> and Ti-MCM 41 Catalysts: Structure Insensitivity. Catalysis Letters, 2008, 123, 115-122.	1.4	9
86	Influence of Sn content on PtSn/C catalysts for electrooxidation of C <sub>1</sub> -C <sub>3</sub> alcohols: Synthesis, characterization, and electrocatalytic activity. Applied Catalysis B: Environmental, 2008, 82, 89-102.	10.8	261
87	Topotactic synthesis of mesoporous ZnS and ZnO nanoplates and their photocatalytic activity. Journal of Catalysis, 2008, 254, 144-155.	3.1	144
88	Indium induced band gap tailoring in AgGa <sub>1-x</sub> In <sub>x</sub> S <sub>2</sub> chalcopyrite structure for visible light photocatalysis. Journal of Chemical Physics, 2008, 128, 154717.	1.2	51
89	Location and State of Pt in Platinized CdS/TiO <sub>2</sub> Photocatalysts for Hydrogen Production from Water under Visible Light. Journal of Physical Chemistry C, 2008, 112, 17200-17205.	1.5	188
90	Phase and photoelectrochemical behavior of solution-processed Fe <sub>2</sub> O <sub>3</sub> nanocrystals for oxidation of water under solar light. Applied Physics Letters, 2008, 93, .	1.5	56

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91	Implementation of Enhanced Quick-scan Technique for Time-Resolved XAFS Experiment at PLS. AIP Conference Proceedings, 2007, , .	0.3	0
92	Structural Characterization of AgGaS <sub>2</sub> -type Photocatalysts for Hydrogen Production from Water Under Visible Light. AIP Conference Proceedings, 2007, , .	0.3	4
93	AgGaS <sub>2</sub> -type photocatalysts for hydrogen production under visible light: Effects of post-synthetic H <sub>2</sub> S treatment. Journal of Solid State Chemistry, 2007, 180, 1110-1118.	1.4	36
94	Metal-insulator transition induced by electronic and structural modulations in oxygen-deficient perovskite-type TbBaCo <sub>2</sub> O <sub>5.5</sub> . Physica Status Solidi (B): Basic Research, 2006, 243, 1813-1822.	0.7	14
95	Electronic states and local structures of Cu ions in electrodeposited thin films of Cu and Cu <sub>2</sub> O from X-ray absorption spectra. Physica Status Solidi (B): Basic Research, 2006, 243, 1791-1801.	0.7	3
96	Correlation between displacive-type ferroelectricity and electronic density of states near the Fermi level in SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> . Physica Status Solidi (B): Basic Research, 2005, 242, 899-908.	0.7	3
97	Correlation between the metal-insulator transition and the electronic density of states near the Fermi level in oxygen-deficient perovskite-type NdBaCo <sub>2</sub> O <sub>5.5</sub> . Physica Status Solidi (B): Basic Research, 2005, 242, 1422-1430.	0.7	4
98	The formation of precipitates in the ZnCoO system. Europhysics Letters, 2005, 72, 76-82.	0.7	30
99	X-ray Absorption Fine Structure Analysis of the Local Environment of Fe in Fe/Al-MFI. Journal of Physical Chemistry B, 2004, 108, 8970-8975.	1.2	39
100	X-ray Absorption Fine Structure Characterization of the Local Structure of Fe in Fe-ZSM-5. Journal of Physical Chemistry B, 2003, 107, 11843-11851.	1.2	87
101	Mn-Promoted Ni/Al <sub>2</sub> O <sub>3</sub> Catalysts for Stable Carbon Dioxide Reforming of Methane. Journal of Catalysis, 2002, 209, 6-15.	3.1	124
102	Reply to Comment on "Quantitative Analysis of Ti-O-Si and Ti-O-Ti Bonds in Ti-Si Binary Oxides by the Linear Combination of XANES". Journal of Physical Chemistry B, 2001, 105, 6274-6274.	1.2	1
103	XAFS study on Mn-Ni/Al <sub>2</sub> O <sub>3</sub> catalyst for carbon dioxide reforming of methane. Journal of Synchrotron Radiation, 2001, 8, 596-598.	1.0	4
104	Linear combination of XANES for quantitative analysis of Ti-O-Si binary oxides. Journal of Synchrotron Radiation, 2001, 8, 163-167.	1.0	13
105	XAFS Study of Tin Modification of Supported Palladium Catalyst for 1,3-Butadiene Hydrogenation in the Presence of 1-Butene. Journal of Catalysis, 2000, 193, 176-185.	3.1	41
106	Characterization of Pd/C and Cu Catalysts for the Oxidation of Methane to a Methanol Derivative. Journal of Catalysis, 2000, 194, 33-44.	3.1	22
107	Quantitative Analysis of Ti-O-Si and Ti-O-Ti Bonds in Ti-Si Binary Oxides by the Linear Combination of XANES. Journal of Physical Chemistry B, 2000, 104, 8670-8678.	1.2	73
108	Active States of Pd and Cu in Carbon-Supported Wacker-Type Catalysts for Low-Temperature CO Oxidation. Journal of Physical Chemistry B, 2000, 104, 5586-5594.	1.2	52

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109	Effects of Pt Precursors on Hydrodechlorination of Carbon Tetrachloride over Pt/Al <sub>2</sub> O <sub>3</sub> . Journal of Catalysis, 1997, 166, 284-293.	3.1	48
110	XAFS Characterization of Pt-Mo Bimetallic Catalysts for CO Hydrogenation. Journal of Catalysis, 1997, 167, 364-371.	3.1	28
111	XAFS characterization of supported PdCl <sub>2</sub> -CuCl <sub>2</sub> catalysts for CO oxidation. Reaction Kinetics and Catalysis Letters, 1996, 57, 227-236.	0.6	17
112	Supported PdCl <sub>2</sub> CuCl <sub>2</sub> catalysts for carbon monoxide oxidation II. XAFS characterization. Applied Catalysis B: Environmental, 1996, 7, 199-212.	10.8	31
113	Hydrodechlorination of Carbon Tetrachloride over Pt/MgO. Journal of Catalysis, 1996, 161, 790-797.	3.1	69