

Sung-Chul Yi

List of Publications by Year in descending order

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133
papers

3,784
citations

147566

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docs citations

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times ranked

4827
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic wastes: A near inexhaustible and an unimaginably wealthy resource for water splitting electrocatalysts. <i>Journal of Hazardous Materials</i> , 2022, 421, 126687.	6.5	18
2	Metal oxides-free anodes for lithium-ion batteries. , 2022, , 149-176.		0
3	Enhanced Electrochemical Oxygen Evolution Reaction on Hydrogen Embrittled CoSe Surface (Adv.) Tj ETQq1 1 0.784314 rgBT ₀ /Overl	1.9	0
4	Thermal conductive thin, flexible composite sheet of boron nitride aggregates and alumina for enhanced through plane conductivity. <i>Ceramics International</i> , 2022, 48, 29183-29189.	2.3	4
5	An efficient <scp> CoMoS ₂ </scp> nanosheets on nitrogen, sulfur dual doped reduced graphene oxide as an electrocatalyst for the hydrogen evolution reaction. <i>International Journal of Energy Research</i> , 2021, 45, 17397-17407.	2.2	21
6	An ultralight-weight polymer electrolyte fuel cell based on woven carbon fiber-resin reinforced bipolar plate. <i>Journal of Power Sources</i> , 2021, 484, 229291.	4.0	22
7	Numerical analysis on transport properties of self-humidifying dual catalyst layer via 3-D reconstruction technique. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 14639-14650.	3.8	5
8	Study on the Variation of Surface Morphology and Residual Stress Under Various Thermal Annealing Conditions with Bulk GaN Substrates Grown by HVPE. <i>Electronic Materials Letters</i> , 2021, 17, 43-53.	1.0	3
9	A bifunctional hexa-filamentous microfibril multimetallic foam: an unconventional high-performance electrode for total water splitting under industrial operation conditions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 4971-4983.	5.2	20
10	Surface Engineering of Perovskites for Rechargeable Zinc-Air Battery Application. <i>ACS Applied Energy Materials</i> , 2021, 4, 1876-1886.	2.5	13
11	Strategies and Perspectives to Catch the Missing Pieces in Energy-Efficient Hydrogen Evolution Reaction in Alkaline Media. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18981-19006.	7.2	239
12	Strategies and Perspectives to Catch the Missing Pieces in Energy-Efficient Hydrogen Evolution Reaction in Alkaline Media. <i>Angewandte Chemie</i> , 2021, 133, 19129-19154.	1.6	13
13	Optimization of active sites by sulfurization of the core-shell ZIF 67@ZIF 8 for rapid oxygen reduction kinetics in acidic media. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 10739-10748.	3.8	22
14	Engineering ionomer homogeneously distributed onto the fuel cell electrode with superbly retrieved activity towards oxygen reduction reaction. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120609.	10.8	9
15	Alternating Current Techniques for a Better Understanding of Photoelectrocatalysts. <i>ACS Catalysis</i> , 2021, 11, 12763-12776.	5.5	11
16	Numerical and experimental investigation on 25 cm ² and 100 cm ² PEMFC with novel sinuous flow field for effective water removal and enhanced performance. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 7848-7862.	3.8	53
17	Adoption of novel porous inserts in the flow channel of pem fuel cell for the mitigation of cathodic flooding. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 7863-7872.	3.8	42
18	Bacterial nanocellulose as a green and flexible electrode matrix for efficient hydrogen evolution reaction in alkaline conditions. <i>Cellulose</i> , 2020, 27, 8135-8146.	2.4	11

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19	Corrosion and Alloy Engineering in Rational Design of High Current Density Electrodes for Efficient Water Splitting. <i>Advanced Energy Materials</i> , 2020, 10, 1904020.	10.2	109
20	High performance multicomponent bifunctional catalysts for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13795-13805.	5.2	51
21	Water Splitting: Corrosion and Alloy Engineering in Rational Design of High Current Density Electrodes for Efficient Water Splitting (<i>Adv. Energy Mater.</i> 24/2020). <i>Advanced Energy Materials</i> , 2020, 10, 2070107.	10.2	2
22	Influence of the Nafion agglomerate morphology on the water-uptake behavior and fuel cell performance in the proton exchange membrane fuel cells. <i>Applied Surface Science</i> , 2019, 481, 777-784.	3.1	31
23	Metal-organic framework derived NiMo polyhedron as an efficient hydrogen evolution reaction electrocatalyst. <i>Applied Surface Science</i> , 2019, 478, 916-923.	3.1	55
24	Optimization of the CMP Process with Colloidal Silica Performance for Bulk AlN Single Crystal Substrate. <i>Journal of Korean Institute of Metals and Materials</i> , 2019, 57, 582-588.	0.4	3
25	Effect of Dry Thermal Oxidation on Bulk GaN Substrates Grown by HVPE during CMP. <i>ECS Journal of Solid State Science and Technology</i> , 2019, 8, P811-P820.	0.9	2
26	Electrocatalysts: Molybdenum Sulphoselenophosphide Spheroids as an Effective Catalyst for Hydrogen Evolution Reaction (<i>Small</i> 8/2018). <i>Small</i> , 2018, 14, 1870034.	5.2	1
27	Co ₃ Se ₄ nanosheets embedded on N-CNT as an efficient electroactive material for hydrogen evolution and supercapacitor applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 65, 62-71.	2.9	47
28	Molybdenum Sulphoselenophosphide Spheroids as an Effective Catalyst for Hydrogen Evolution Reaction. <i>Small</i> , 2018, 14, 1703862.	5.2	37
29	Comparative investigation of the molybdenum sulphide doped with cobalt and selenium towards hydrogen evolution reaction. <i>Electrochimica Acta</i> , 2018, 271, 211-219.	2.6	30
30	Harvesting Electronic Waste for the Development of Highly Efficient Eco-Design Electrodes for Electrocatalytic Water Splitting. <i>Advanced Energy Materials</i> , 2018, 8, 1802615.	10.2	80
31	A Highly Effective, Stable Oxygen Evolution Catalyst Derived from Transition Metal Selenides and Phosphides. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800135.	1.2	28
32	Cobalt encapsulated in the nitrogen and sulfur co-doped carbon nanotube supported platinum for the oxygen reduction reaction catalyst. <i>Carbon</i> , 2018, 139, 656-665.	5.4	12
33	Fabrication of highly effective self-humidifying membrane electrode assembly for proton exchange membrane fuel cells via electrostatic spray deposition. <i>Electrochemistry Communications</i> , 2018, 93, 76-80.	2.3	21
34	Solvent effect on the Nafion agglomerate morphology in the catalyst layer of the proton exchange membrane fuel cells. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 478-485.	3.8	83
35	Computational analysis on the electrode geometric parameters for the reversible solid oxide cells. <i>Electrochimica Acta</i> , 2017, 242, 86-99.	2.6	6
36	A graphene quantum dot/phthalocyanine conjugate: a synergistic catalyst for the oxygen reduction reaction. <i>RSC Advances</i> , 2017, 7, 26113-26119.	1.7	37

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37	A PVdF-based electrolyte membrane for a carbon counter electrode in dye-sensitized solar cells. <i>RSC Advances</i> , 2017, 7, 20908-20918.	1.7	30
38	Octahedral PtNi nanoparticles with controlled surface structure and composition for oxygen reduction reaction. <i>Science China Materials</i> , 2017, 60, 1109-1120.	3.5	23
39	Self-humidifying Pt-C/Pt-TiO ₂ dual-catalyst electrode membrane assembly for proton-exchange membrane fuel cells. <i>Energy</i> , 2017, 120, 12-19.	4.5	30
40	Facile Nanostructured Composite Synthesis of Selenium and Molybdenum Chalcogenides/Carbon Nanotubes for Li-ion Batteries. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 1347-1352.	1.0	4
41	Influence of Phosphidation on CoSe ₂ Catalyst for Hydrogen Evolution Reaction. <i>ChemistrySelect</i> , 2017, 2, 10661-10667.	0.7	9
42	Silica formation with nanofiber morphology via helical display of the silaffin R5 peptide on a filamentous bacteriophage. <i>Scientific Reports</i> , 2017, 7, 16212.	1.6	6
43	Three-dimensional reconstruction of coarse-dense dual catalyst layer for proton exchange membrane fuel cells. <i>Electrochimica Acta</i> , 2016, 211, 142-147.	2.6	15
44	Computational analysis of the zinc utilization in the primary zinc-air batteries. <i>Energy</i> , 2016, 102, 694-704.	4.5	27
45	Assembling pore-rich FeP nanorods on the CNT backbone as an advanced electrocatalyst for oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13005-13010.	5.2	82
46	Synergistic effect of boron/nitrogen co-doping into graphene and intercalation of carbon black for Pt-BCN-Gr/CB hybrid catalyst on cell performance of polymer electrolyte membrane fuel cell. <i>Energy</i> , 2016, 96, 314-324.	4.5	37
47	Highly efficient and durable dye-sensitized solar cells based on a wet-laid PET membrane electrolyte. <i>Journal of Materials Chemistry A</i> , 2016, 4, 458-465.	5.2	45
48	Shape-controlled synthesis of gold-nickel bimetallic nanoparticles and their electrocatalytic properties. <i>Materials Chemistry and Physics</i> , 2015, 156, 1-8.	2.0	16
49	Composite multi-functional over layer: A novel design to improve the photovoltaic performance of DSSC. <i>Solar Energy Materials and Solar Cells</i> , 2015, 140, 141-149.	3.0	38
50	On the role of the silica-containing catalyst layer for proton exchange membrane fuel cells. <i>Energy</i> , 2014, 68, 794-800.	4.5	14
51	Ultrahigh PEMFC Performance of a Thin-Film, Dual-Electrode Assembly with Tailored Electrode Morphology. <i>ChemSusChem</i> , 2014, 7, 466-473.	3.6	14
52	Investigation of the dual-layered electrode composed of catalyst layers with different phase-separation levels for PEMFCs. <i>Electrochimica Acta</i> , 2014, 146, 495-502.	2.6	5
53	Performance degradation of solid oxide fuel cells due to sulfur poisoning of the electrochemical reaction and internal reforming reaction. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 17275-17283.	3.8	17
54	Surface-enhanced Raman scattering substrate based on silver nanoparticle-deposited phospholipid multilayer. <i>Applied Surface Science</i> , 2013, 287, 369-374.	3.1	5

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55	Electrochemical properties of hybrid typed electrocatalyst using Pt/carbon molecular sieve synthesized by zeolite template and Pt carbon black. <i>Microporous and Mesoporous Materials</i> , 2013, 172, 161-166.	2.2	10
56	Computational modeling of proton exchange membrane fuel cells including gas-crossover behavior. <i>International Journal of Energy Research</i> , 2013, 37, n/a-n/a.	2.2	4
57	Improved polarization of mesoporous electrodes of a proton exchange membrane fuel cell using N-methyl-2-pyrrolidinone. <i>Electrochimica Acta</i> , 2013, 113, 37-41.	2.6	10
58	Influence of the water uptake in the catalyst layer for the proton exchange membrane fuel cells. <i>Electrochemistry Communications</i> , 2013, 35, 34-37.	2.3	22
59	Three-dimensional simulation of humid-air dryer using computational fluid dynamics. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1092-1098.	2.9	9
60	Photoanode Using Hollow Spherical TiO ₂ for Dual Functions in Dye-Sensitized Solar Cell. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 7906-7911.	0.9	2
61	Enhanced Performance of Dye-Sensitized Solar Cells with Activated Carbons. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 7875-7879.	0.9	15
62	Enhanced Power Conversion Efficiency of Dye-Sensitized Solar Cells Using Nanoparticle/Nanotube Double Layered Film. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 7938-7943.	0.9	17
63	Production of Hydrogen and Volatile Fatty Acid by <i>Enterobacter</i> sp. T4384 Using Organic Waste Materials. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 189-194.	0.9	4
64	Optimization of catalyst ink composition for the preparation of a membrane electrode assembly in a proton exchange membrane fuel cell using the decal transfer. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 18446-18454.	3.8	44
65	Investigations of the temperature distribution in proton exchange membrane fuel cells. <i>Applied Energy</i> , 2012, 93, 733-741.	5.1	52
66	Computational analysis of mixed potential effect in proton exchange membrane fuel cells. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 7654-7668.	3.8	12
67	Effect of functionalization for carbon molecular sieve (CMS) synthesized using zeolite template on the incorporation of Pt nanoparticle and performance of the electrodes in PEMFC. <i>Microporous and Mesoporous Materials</i> , 2012, 152, 148-156.	2.2	11
68	Synthesis of Pt-immobilized on silica and polystyrene-encapsulated silica and their applications as electrocatalysts in the proton exchange membrane fuel cell. <i>Materials Research Bulletin</i> , 2011, 46, 12-18.	2.7	3
69	Synthesis of Pt/PEI-MWCNT composite materials on polyethyleneimine-functionalized MWNTs as supports. <i>Materials Research Bulletin</i> , 2011, 46, 2433-2440.	2.7	25
70	Optimal catalyst layer structure of polymer electrolyte membrane fuel cell. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 9876-9885.	3.8	98
71	Optimization of productivity in a four-zone simulated moving bed process for separation of succinic acid and lactic acid. <i>Chemical Engineering Journal</i> , 2011, 171, 92-103.	6.6	17
72	Development of a four-zone carousel process packed with metal ion-imprinted polymer for continuous separation of copper ions from manganese ions, cobalt ions, and the constituent metal ions of the buffer solution used as eluent. <i>Journal of Chromatography A</i> , 2011, 1218, 5664-5674.	1.8	8

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73	EFFECT OF ETHANOL CONTENT ON MASS-TRANSFER PARAMETERS AND HETP INDEXES OF AMINO ACIDS IN A POLY-4-VINYLPYRIDINE CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 456-475.	0.5	4
74	Theoretical Investigation of Ti-Adsorbed Graphene for Hydrogen Storage Using the Ab-Initio Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 6131-6135.	0.9	5
75	Continuous separation of copper ions from a mixture of heavy metal ions using a three-zone carousel process packed with metal ion-imprinted polymer. <i>Journal of Chromatography A</i> , 2010, 1217, 7100-7108.	1.8	23
76	Cell performance of MEA fabricated with Pt-ZSM-5-carbon electrode for PEMFC. <i>Microporous and Mesoporous Materials</i> , 2010, 131, 122-127.	2.2	5
77	Studies of the factors effecting the preparation of heterogeneous platinum-based catalyst on silica supports. <i>Materials Research Bulletin</i> , 2010, 45, 1419-1425.	2.7	3
78	Hydrogen adsorption on Li metal in boron-substituted graphene: An ab initio approach. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 3583-3587.	3.8	70
79	Numerical analysis of catalyst agglomerates and liquid water transport in proton exchange membrane fuel cells. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 8433-8445.	3.8	26
80	Synthesis of nano-sized Pt/C via zeolite-templating method and its application to the cathode catalyst in PEMFC. <i>Microporous and Mesoporous Materials</i> , 2010, 134, 1-7.	2.2	11
81	Computational analysis of polarizations in membrane-electrode-assembly for proton exchange membrane fuel cells. <i>Journal of Membrane Science</i> , 2009, 341, 5-10.	4.1	8
82	Particle-Size Optimization for a Polymer Coated Silica Gel in SMB Chromatography for Amino Acid Separation. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2822-2838.	0.5	3
83	Modeling and simulation of evaporation/pyrolysis processes of a naturally smoldering cylindrical cellulosic materials rod: Effect of smoldering rate on product concentrations. <i>Journal of Industrial and Engineering Chemistry</i> , 2008, 14, 120-130.	2.9	2
84	Computational analysis of transport phenomena in proton exchange membrane for polymer electrolyte fuel cells. <i>Journal of Membrane Science</i> , 2008, 309, 1-6.	4.1	14
85	Incorporation of heteropoly acid, tungstophosphoric acid within MCM-41 via impregnation and direct synthesis methods for the fabrication of composite membrane of DMFC. <i>Journal of Membrane Science</i> , 2008, 325, 252-261.	4.1	31
86	Effect of Mobile Phase Composition on Henry's Constants of 2-Amino-3-phenyl-propanoic Acid, 2-Amino-3-(3-indolyl)-propanoic Acid, and 2-Amino-3-(4-hydroxyphenyl)-propanoic Acid in a Capcell Pak C ₁₈ Chromatography. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 2613-2621.	1.0	16
87	Electronic Properties of Nitrogen-Doped Carbon Nanotubes with Strain:Ab initio Method Approach. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 5062-5065.	0.8	4
88	Electronic Structures and Atomic Surface Diffusion in Cr/Fe(001) and Fe/Cr(001) Systems: First-Principles Study. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 5076-5078.	0.8	9
89	Effect of Ionic Liquid on the Retention and Separation Behavior of Various Amino Acids in Reversed Phase Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 2989-3006.	0.5	6
90	Pinched Wave Design of a Four-Zone Simulated Moving Bed for Linear Adsorption Systems with Significant Mass-Transfer Effects. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 7241-7250.	1.8	11

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91	Synthesis of Ultrafine and Spherical Barium Titanate Powders Using a Titania Nano-Sol. <i>Journal of the American Ceramic Society</i> , 2006, 89, 3299-3301.	1.9	9
92	Electronic structure and half-metallic property of Mn-doped \hat{I}^2 -SiC diluted magnetic semiconductor. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 126, 194-196.	1.7	34
93	The prediction of the effects of tobacco type on smoke composition from the pyrolysis modeling of tobacco shreds. <i>Journal of Analytical and Applied Pyrolysis</i> , 2005, 74, 181-192.	2.6	18
94	Synthesis and optical properties of push-pull type tetrapyrazinoporphyrazines. <i>Dyes and Pigments</i> , 2005, 65, 159-167.	2.0	44
95	The solid-phase synthesis of amino acid-derived diacetylene lipids. <i>Macromolecular Research</i> , 2005, 13, 253-256.	1.0	3
96	Dynamics of the wet-end section in paper mills. <i>Korean Journal of Chemical Engineering</i> , 2005, 22, 17-25.	1.2	3
97	The effect of filler particle size on the antibacterial properties of compounded polymer/silver fibers. <i>Journal of Materials Science</i> , 2005, 40, 5407-5411.	1.7	299
98	Antibacterial properties of padded PP/PE nonwovens incorporating nano-sized silver colloids. <i>Journal of Materials Science</i> , 2005, 40, 5413-5418.	1.7	151
99	Dual-curable fluorinated poly(methacrylate) copolymers for optical adhesives. <i>Polymers for Advanced Technologies</i> , 2005, 16, 484-488.	1.6	8
100	Numerical methodology for proton exchange membrane fuel cell simulation using computational fluid dynamics technique. <i>Korean Journal of Chemical Engineering</i> , 2004, 21, 1153-1160.	1.2	8
101	Modeling and simulation of wet-end white water system in the paper mill. <i>Korean Journal of Chemical Engineering</i> , 2004, 21, 358-364.	1.2	5
102	Modeling of the drying process in paper plants. <i>Korean Journal of Chemical Engineering</i> , 2004, 21, 761-766.	1.2	18
103	Physico-chemical processes occurring inside a pyrolyzing two-dimensional tobacco particle. <i>Korean Journal of Chemical Engineering</i> , 2003, 20, 300-306.	1.2	0
104	Preparation and antibacterial effects of Ag-SiO ₂ thin films by sol-gel method. <i>Biomaterials</i> , 2003, 24, 4921-4928.	5.7	444
105	Product distribution from the pyrolysis modeling of tobacco particles. <i>Journal of Analytical and Applied Pyrolysis</i> , 2003, 66, 217-234.	2.6	15
106	Reaction Pathway and Kinetics for Uncatalyzed Partial Oxidation of p-Xylene in Sub- and Supercritical Water. <i>Industrial & Engineering Chemistry Research</i> , 2002, 41, 5576-5583.	1.8	43
107	Stability of alkanoyl-6-O-ascorbates in various surfactant aggregates systems. <i>Colloids and Surfaces B: Biointerfaces</i> , 2002, 24, 33-44.	2.5	13
108	Uncatalyzed partial oxidation of p-xylene in sub- and supercritical water. <i>Reaction Kinetics and Catalysis Letters</i> , 2002, 77, 35-42.	0.6	12

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109	Mixed monolayer behaviors of vitamin derivatives and cholesterol. <i>Synthetic Metals</i> , 2001, 117, 181-182.	2.1	8
110	Degradation of high density polyethylene, polypropylene and their mixtures in supercritical acetone. <i>Korean Journal of Chemical Engineering</i> , 2001, 18, 396-401.	1.2	18
111	Depolymerization of polyethyleneterephthalate in supercritical methanol. <i>Journal of Applied Polymer Science</i> , 2001, 81, 2102-2108.	1.3	68
112	Theoretical Analysis of the Effects of Cigarette Design Parameters on the Smoldering Rates, Heat Flux, and Total Heat Released during Smoldering of a Cigarette. <i>Journal of Fire Sciences</i> , 2001, 19, 18-30.	0.9	5
113	Mathematical Model of Smoldering Combustion in a Carbonaceous Porous Medium Part 2 "Sensitivity Analysis of Model Parameters. <i>Journal of Fire Sciences</i> , 2001, 19, 449-461.	0.9	0
114	Mathematical Model of Smoldering Combustion in a Carbonaceous Porous Medium Part 1 "Development of Pyrolysis and Combustion Models for a Cylindrical Geometry. <i>Journal of Fire Sciences</i> , 2001, 19, 429-448.	0.9	12
115	Preparation of Eu-Doped Y ₂ O ₃ Luminescent Nanoparticles in Nonionic Reverse Microemulsions. <i>Journal of Colloid and Interface Science</i> , 2000, 226, 65-70.	5.0	76
116	Thermotropic liquid crystal polymer fabric reinforced polyimide composite materials. <i>Polymer Composites</i> , 2000, 21, 806-813.	2.3	1
117	Simulation of influences of layer thicknesses in an alkaline fuel cell. <i>Journal of Applied Electrochemistry</i> , 2000, 30, 1023-1031.	1.5	10
118	Characterization of Eu-Doped Y ₂ O ₃ Nanoparticles Prepared in Nonionic Reverse Microemulsions in Relation to Their Application for Field Emission Display. <i>Journal of the Electrochemical Society</i> , 2000, 147, 3139.	1.3	57
119	Preparation of Indium-Tin Oxide Particles in Shear-Induced Multilamellar Vesicles (Spherulites) as Chemical Reactors. <i>Chemistry of Materials</i> , 2000, 12, 996-1002.	3.2	28
120	A Kinetic Analysis of the Thermal-Oxidative Decomposition of Polypropylene. <i>Journal of Fire Sciences</i> , 2000, 18, 245-264.	0.9	9
121	Kinetics of the Nonisothermal Degradation of Styrene-Butadiene Rubber. <i>Journal of Fire Sciences</i> , 1999, 17, 362-377.	0.9	9
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127	Heat Transfer of a Smoldering Flammable Substrate. Part 1. Development of a Theoretical Model for the Heat Transfer of a Smoldering Substrate. <i>Journal of Fire Sciences</i> , 1997, 15, 462-480.	0.9	2
128	Recombination of Oxygen and Nitrogen Atoms on Silica and High-Temperature Coating Materials. <i>ACS Symposium Series</i> , 1997, , 71-80.	0.5	0
129	Reconstitute tobacco product drying model. <i>Korean Journal of Chemical Engineering</i> , 1997, 14, 141-145.	1.2	1
130	Mutual diffusivity, thermal conductivity, and heat of transport in binary liquid mixtures of alkanes in chloroform. <i>Journal of Chemical & Engineering Data</i> , 1988, 33, 362-366.	1.0	35
131	Heats of transport from diffusion thermoeffect measurements on binary liquid mixtures of carbon tetrachloride with benzene, toluene, 2-propanone, n-hexane, and n-octane. <i>Journal of Chemical Physics</i> , 1987, 87, 7208-7213.	1.2	4
132	Mutual diffusivity, thermal conductivity, and heat of transport in binary liquid mixtures of alkanes in carbon tetrachloride. <i>Fluid Phase Equilibria</i> , 1987, 36, 219-233.	1.4	24
133	Enhanced Electrochemical Oxygen Evolution Reaction on Hydrogen Embrittled CoSe Surface. <i>Advanced Materials Interfaces</i> , 0, , 2101209.	1.9	2