

# Sang Eun Shim

## List of Publications by Year in descending order

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194  
papers

4,752  
citations

81900

39  
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144013

57  
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195  
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195  
docs citations

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times ranked

6149  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Nanotube-Adsorbed Polystyrene and Poly(methyl methacrylate) Microspheres. <i>Chemistry of Materials</i> , 2005, 17, 4034-4037.	6.7	146
2	Measurement of the dispersion stability of pristine and surface-modified multiwalled carbon nanotubes in various nonpolar and polar solvents. <i>Measurement Science and Technology</i> , 2007, 18, 3707-3712.	2.6	142
3	Effect of dispersion state of carbon nanotube on the thermal conductivity of poly(dimethyl siloxane) composites. <i>Current Applied Physics</i> , 2010, 10, 359-363.	2.4	112
4	Nucleate boiling heat transfer in aqueous solutions with carbon nanotubes up to critical heat fluxes. <i>International Journal of Multiphase Flow</i> , 2009, 35, 525-532.	3.4	108
5	Nanoporous p-type NiOx electrode for p-i-n inverted perovskite solar cell toward air stability. <i>Materials Today</i> , 2018, 21, 483-500.	14.2	99
6	Synthesis of polystyrene/silica composite particles by soap-free emulsion polymerization using positively charged colloidal silica. <i>Journal of Colloid and Interface Science</i> , 2007, 310, 112-120.	9.4	95
7	Efficient planar n-i-p type heterojunction flexible perovskite solar cells with sputtered TiO <sub>2</sub> electron transporting layers. <i>Nanoscale</i> , 2017, 9, 3095-3104.	5.6	92
8	Fully crosslinked poly(styrene-co-divinylbenzene) microspheres by precipitation polymerization and their superior thermal properties. <i>Journal of Polymer Science Part A</i> , 2004, 42, 835-845.	2.3	86
9	Electrochemical improvement due to alignment of carbon nanofibers fabricated by electrospinning as an electrode for supercapacitor. <i>Carbon</i> , 2016, 99, 607-618.	10.3	85
10	Lignin-derived macroporous carbon foams prepared by using poly(methyl methacrylate) particles as the template. <i>Carbon</i> , 2014, 76, 357-367.	10.3	77
11	Electrospun PEDOT:PSS/PVP nanofibers as the chemiresistor in chemical vapour sensing. <i>Synthetic Metals</i> , 2010, 160, 1415-1421.	3.9	76
12	Bimetallic NiFe alloys as highly efficient electrocatalysts for the oxygen evolution reaction. <i>Catalysis Today</i> , 2020, 352, 27-33.	4.4	72
13	Synthesis of highly monodisperse polystyrene microspheres via dispersion polymerization using an amphoteric initiator. <i>Journal of Colloid and Interface Science</i> , 2006, 298, 663-671.	9.4	71
14	Electrical properties of graphene/SBR nanocomposite prepared by latex heterocoagulation process at room temperature. <i>Journal of Industrial and Engineering Chemistry</i> , 2011, 17, 325-330.	5.8	71
15	Fabrication of silica nanotubes using silica coated multi-walled carbon nanotubes as the template. <i>Journal of Colloid and Interface Science</i> , 2008, 322, 321-326.	9.4	67
16	Synthesis of silica-coated graphite by enolization of polyvinylpyrrolidone and its thermal and electrical conductivity in polymer composites. <i>Carbon</i> , 2013, 60, 254-265.	10.3	67
17	Spinel-type NiCo <sub>2</sub> O <sub>4</sub> with abundant oxygen vacancies as a high-performance catalyst for the oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 23775-23783.	7.1	63
18	Living-Free-Radical Emulsion Photopolymerization of Methyl Methacrylate by a Surface Active Iniferter (Suriniferter). <i>Macromolecules</i> , 2003, 36, 7994-8000.	4.8	62

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19	Fe-doped Ni <sub>3</sub> S <sub>2</sub> nanoneedles directly grown on Ni foam as highly efficient bifunctional electrocatalysts for alkaline overall water splitting. <i>Electrochimica Acta</i> , 2020, 361, 137080.	5.2	60
20	Synthesis of Functionalized Monodisperse Poly(methyl methacrylate) Nanoparticles by a RAFT Agent Carrying Carboxyl End Group. <i>Macromolecules</i> , 2004, 37, 5565-5571.	4.8	58
21	Rheology and structure of precipitated silica and poly(dimethyl siloxane) system. <i>Rheologica Acta</i> , 2004, 43, 127-136.	2.4	57
22	Effects of HNO <sub>3</sub> treatment of TiO <sub>2</sub> nanoparticles on the photovoltaic properties of dye-sensitized solar cells. <i>Materials Letters</i> , 2009, 63, 2208-2211.	2.6	57
23	Defect-rich Fe-doped Co <sub>3</sub> O <sub>4</sub> derived from bimetallic-organic framework as an enhanced electrocatalyst for oxygen evolution reaction. <i>Chemical Engineering Journal</i> , 2021, 424, 130400.	12.7	56
24	Mechanism of the formation of stable microspheres by precipitation copolymerization of styrene and divinylbenzene. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3967-3974.	2.3	55
25	Strongly Coupled Ni/Ni(OH) <sub>2</sub> Hybrid Nanocomposites as Highly Active Bifunctional Electrocatalysts for Overall Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4431-4439.	6.7	54
26	FeCo alloy nanoparticles embedded in N-doped carbon supported on highly defective ketjenblack as effective bifunctional electrocatalysts for rechargeable Zn-air batteries. <i>Applied Catalysis B: Environmental</i> , 2022, 315, 121501.	20.2	54
27	Living radical dispersion photopolymerization of styrene by a reversible addition-fragmentation chain transfer (RAFT) agent. <i>Polymer</i> , 2003, 44, 5563-5572.	3.8	52
28	Biodegradable polymer-modified graphene/polyaniline electrodes for supercapacitors. <i>Synthetic Metals</i> , 2017, 227, 61-70.	3.9	51
29	Synthesis of polystyrene microspheres by dispersion polymerization using poly(vinyl alcohol) as a steric stabilizer in aqueous alcohol media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 302, 225-233.	4.7	50
30	Water-borne graphene-derived conductive SBR prepared by latex heterocoagulation. <i>Macromolecular Research</i> , 2010, 18, 558-565.	2.4	49
31	Electrochemically polymerized vine-like nanostructured polyaniline on activated carbon nanofibers for supercapacitor. <i>Electrochimica Acta</i> , 2013, 111, 136-143.	5.2	48
32	Influence of the Sb content in Ti/SnO <sub>2</sub> -Sb electrodes on the electrocatalytic behaviour for the degradation of organic matter. <i>Journal of Cleaner Production</i> , 2018, 197, 1268-1274.	9.3	48
33	Synthesis of polystyrene brush on multiwalled carbon nanotubes treated with KMnO <sub>4</sub> in the presence of a phase-transfer catalyst. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4413-4420.	2.3	47
34	Oxygen-vacancy-rich CoFe/CoFe <sub>2</sub> O <sub>4</sub> embedded in N-doped hollow carbon spheres as a highly efficient bifunctional electrocatalyst for Zn-air batteries. <i>Chemical Engineering Journal</i> , 2022, 448, 137665.	12.7	46
35	A solution processed nanostructured p-type NiO electrode for efficient inverted perovskite solar cells. <i>Nanoscale</i> , 2016, 8, 19189-19194.	5.6	45
36	High performance carbon supercapacitor electrodes derived from a triazine-based covalent organic polymer with regular porosity. <i>Electrochimica Acta</i> , 2018, 284, 98-107.	5.2	43

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37	Effect of the polymerization parameters on the morphology and spherical particle size of poly(styrene-co-divinylbenzene) prepared by precipitation polymerization. <i>Colloid and Polymer Science</i> , 2004, 283, 41-48.	2.1	42
38	Synthesis of poly(acrylamide-co-divinylbenzene) microspheres by precipitation polymerization. <i>Journal of Polymer Science Part A</i> , 2005, 43, 5343-5346.	2.3	41
39	Surface modification of carbon black by oleic acid for miniemulsion polymerization of styrene. <i>Macromolecular Research</i> , 2010, 18, 435-441.	2.4	41
40	Effects of stearic acid coated talc, CaCO <sub>3</sub> , and mixed talc/CaCO <sub>3</sub> particles on the rheological properties of polypropylene compounds. <i>Journal of Applied Polymer Science</i> , 2004, 93, 2105-2113.	2.6	40
41	Solvent effect on TEMPO-mediated living free radical dispersion polymerization of styrene. <i>Polymer</i> , 2004, 45, 4731-4739.	3.8	40
42	A hierarchical Co <sub>3</sub> O <sub>4</sub> /CoS microbox heterostructure as a highly efficient bifunctional electrocatalyst for rechargeable Zn-air batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17344-17352.	10.3	40
43	Preparation of macroporous carbon foams using a polyurethane foam template replica method without curing step. <i>Macromolecular Research</i> , 2013, 21, 958-964.	2.4	39
44	N, S-doped nanocarbon derived from ZIF-8 as a highly efficient and durable electro-catalyst for oxygen reduction reaction. <i>Journal of Solid State Chemistry</i> , 2019, 274, 237-242.	2.9	39
45	Controlling porosity of porous carbon cathode for lithium oxygen batteries: Influence of micro and meso porosity. <i>Journal of Power Sources</i> , 2018, 389, 20-27.	7.8	38
46	Hexagonal Ni(OH) <sub>2</sub> nanoplates with oxygen vacancies as efficient catalysts for the oxygen evolution reaction. <i>Electrochimica Acta</i> , 2019, 324, 134868.	5.2	37
47	Electrical, thermal, and rheological properties of carbon black and carbon nanotube dual filler-incorporated poly(dimethylsiloxane) nanocomposites. <i>Macromolecular Research</i> , 2012, 20, 465-472.	2.4	36
48	MWCNT-OH adsorbed electrospun nylon 6,6 nanofibers chemiresistor and their application in low molecular weight alcohol vapours sensing. <i>Synthetic Metals</i> , 2010, 160, 2664-2669.	3.9	33
49	RuO <sub>2</sub> nanoparticles decorated MnOOH/C as effective bifunctional electrocatalysts for lithium-air battery cathodes with long-cycling stability. <i>Journal of Power Sources</i> , 2016, 324, 687-693.	7.8	33
50	Roles of silica-coated layer on graphite for thermal conductivity, heat dissipation, thermal stability, and electrical resistivity of polymer composites. <i>Polymer</i> , 2018, 148, 295-302.	3.8	33
51	Encapsulation of multi-walled carbon nanotubes by poly(4-vinylpyridine) and its dispersion stability in various solvent media. <i>Synthetic Metals</i> , 2008, 158, 900-907.	3.9	32
52	Effect of homogeneity of methanol/water/monomer mixture on the mode of polymerization of MMA: Soap-free emulsion polymerization versus dispersion polymerization. <i>Polymer</i> , 2010, 51, 1197-1205.	3.8	32
53	Suspension polymerization of thermally expandable microspheres using low-temperature initiators. <i>Colloid and Polymer Science</i> , 2017, 295, 171-180.	2.1	32
54	Facile synthesis of flower-like P-doped nickel-iron disulfide microspheres as advanced electrocatalysts for the oxygen evolution reaction. <i>Journal of Power Sources</i> , 2021, 490, 229552.	7.8	32

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55	Bimetallic-metal organic framework-derived Ni <sub>3</sub> S <sub>2</sub> /MoS <sub>2</sub> hollow spheres as bifunctional electrocatalyst for highly efficient and stable overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 8165-8176.	7.1	31
56	A direct preparation of silica shell on polystyrene microspheres prepared by dispersion polymerization with polyvinylpyrrolidone. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2884-2890.	2.3	30
57	Polyurethane/PEG-modified MWCNT composite film for the chemical vapor sensor application. <i>Synthetic Metals</i> , 2010, 160, 566-574.	3.9	30
58	Nylon 6,6/Polyaniline Based Sheath Nanofibers for High-Performance Supercapacitors. <i>Electrochimica Acta</i> , 2016, 213, 124-131.	5.2	30
59	Dispersion polymerization of methyl methacrylate with a novel bifunctional polyurethane macromonomer as a reactive stabilizer. <i>Journal of Colloid and Interface Science</i> , 2004, 279, 464-470.	9.4	29
60	Improvement of thermal conductivity of poly(dimethyl siloxane) using silica-coated multi-walled carbon nanotube. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 101, 297-302.	3.6	29
61	Electrospun BMIMPF <sub>6</sub> /nylon 6,6 nanofiber chemiresistors as organic vapour sensors. <i>Macromolecular Research</i> , 2012, 20, 372-378.	2.4	29
62	Stable poly(methyl methacrylate-co-divinylbenzene) microspheres via precipitation polymerization. <i>Journal of Polymer Science Part A</i> , 2005, 43, 1309-1311.	2.3	27
63	Thermal and electrical conduction behavior of alumina and multiwalled carbon nanotube incorporated poly(dimethyl siloxane). <i>Thermochimica Acta</i> , 2011, 512, 34-39.	2.7	27
64	Electrospun PEDOT:PSS/carbon nanotubes/PVP nanofibers as chemiresistors for aromatic volatile organic compounds. <i>Synthetic Metals</i> , 2012, 162, 1513-1518.	3.9	27
65	Hydrogenation of lactic acid to propylene glycol over a carbon-supported ruthenium catalyst. <i>Journal of Molecular Catalysis A</i> , 2013, 380, 57-60.	4.8	27
66	Formation of bubbles during ultrasonic treatment of cured poly(dimethyl siloxane). <i>Polymer</i> , 2002, 43, 5535-5543.	3.8	26
67	A novel synthesis of polymer brush on multiwall carbon nanotubes bearing terminal monomeric unit. <i>Journal of Polymer Science Part A</i> , 2006, 44, 6394-6401.	2.3	26
68	3D in-situ hollow carbon fiber/carbon nanosheet/Fe <sub>3</sub> C@Fe <sub>3</sub> O <sub>4</sub> by solventless one-step synthesis and its superior supercapacitor performance. <i>Electrochimica Acta</i> , 2017, 252, 215-225.	5.2	26
69	Facile synthesis of P-doped NiCo <sub>2</sub> S <sub>4</sub> nanoneedles supported on Ni foam as highly efficient electrocatalysts for alkaline oxygen evolution reaction. <i>Electrochimica Acta</i> , 2021, 396, 139236.	5.2	25
70	Reversible addition-fragmentation chain transfer (RAFT) bulk polymerization of styrene : Effect of R-group structures of carboxyl acid group functionalized RAFT agents. <i>Macromolecular Research</i> , 2005, 13, 236-242.	2.4	24
71	Polyelectrolyte-assisted synthesis of polystyrene microspheres by dispersion polymerization and the subsequent formation of silica shell. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 410-416.	9.4	24
72	Macromonomers having different molecular weights of polyethylene glycol and end group functionalities in dispersion polymerization of styrene. <i>Polymer</i> , 2005, 46, 7974-7981.	3.8	23

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73	Environmentally-friendly physico-chemical rapid ultrasonic recycling of fumed silica-filled poly(dimethyl siloxane) vulcanizate. <i>Green Chemistry</i> , 2004, 6, 291.	9.0	22
74	A comprehensive study of various amine-functionalized graphene oxides for room temperature formaldehyde gas detection: Experimental and theoretical approaches. <i>Applied Surface Science</i> , 2020, 529, 147189.	6.1	22
75	Valorization of fly ash as a harmless flame retardant via carbonation treatment for enhanced fire-proofing performance and mechanical properties of silicone composites. <i>Journal of Hazardous Materials</i> , 2021, 404, 124202.	12.4	22
76	Preparation of ultra fine poly(methyl methacrylate) microspheres in methanol-enriched aqueous medium. <i>Macromolecular Research</i> , 2004, 12, 240-245.	2.4	21
77	Electrospun poly(vinyl alcohol) nanofibers incorporating PEGylated multi-wall carbon nanotube. <i>Synthetic Metals</i> , 2010, 160, 1410-1414.	3.9	21
78	Halloysite nanotubes as a stabilizer: fabrication of thermally expandable microcapsules via Pickering suspension polymerization. <i>Colloid and Polymer Science</i> , 2015, 293, 3595-3602.	2.1	21
79	Size and uniformity variation of poly(MMA-co-DVB) particles upon precipitation polymerization. <i>Macromolecular Research</i> , 2004, 12, 519-527.	2.4	20
80	Synthesis of carboxylic acid functionalized nanoparticles by reversible addition-fragmentation chain transfer (RAFT) miniemulsion polymerization of styrene. <i>Polymer</i> , 2005, 46, 3661-3668.	3.8	20
81	Thermal properties of poly(dimethyl siloxane) nanocomposite filled with silicon carbide and multiwall carbon nanotubes. <i>Polymer International</i> , 2012, 61, 639-645.	3.1	20
82	Synthesis and electrocatalytic properties of various metals supported on carbon for lithium-air battery. <i>Journal of Molecular Catalysis A</i> , 2013, 379, 9-14.	4.8	20
83	PVP-assisted synthesis of dense silica-coated graphite with electrically insulating property. <i>Materials Letters</i> , 2013, 90, 87-89.	2.6	20
84	Large area, waterproof, air stable and cost effective efficient perovskite solar cells through modified carbon hole extraction layer. <i>Materials Today Chemistry</i> , 2017, 4, 53-63.	3.5	20
85	Treatment of Atmospheric-Pressure Radio Frequency Plasma on Boron Nitride for Improving Thermal Conductivity of Polydimethylsiloxane Composites. <i>Macromolecular Research</i> , 2018, 26, 864-867.	2.4	20
86	Thermally robust highly crosslinked poly(methyl methacrylate-co-divinyl benzene) microspheres by precipitation polymerization. <i>Macromolecular Research</i> , 2004, 12, 233-239.	2.4	19
87	High molecular weight monodisperse polystyrene microspheres prepared by dispersion polymerization, using a novel bifunctional macromonomer. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3566-3573.	2.3	19
88	Preparation and electrorheological characteristic of CdS/Polystyrene composite particles. <i>Colloid and Polymer Science</i> , 2010, 288, 613-619.	2.1	19
89	Microencapsulation and characterization of poly(vinyl alcohol)-coated titanium dioxide particles for electrophoretic display. <i>Optical Materials</i> , 2010, 32, 530-534.	3.6	19
90	Double metal cyanide catalysts bearing lactate esters as eco-friendly complexing agents for the synthesis of highly pure polyols. <i>Green Chemistry</i> , 2011, 13, 631.	9.0	19

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91	Effect of surface treatment of graphene nanoplatelets for improvement of thermal and electrical properties of epoxy composites. <i>Carbon Letters</i> , 2015, 16, 34-40.	5.9	18
92	Effects of Field-Effect and Schottky Heterostructure on p-Type Graphene-Based Gas Sensor Modified by n-Type In <sub>2</sub> O <sub>3</sub> and Phenylenediamine. <i>Applied Surface Science</i> , 2022, 578, 152025.	6.1	18
93	Effect of calcite and calcite/zeolite hybrid fillers on LLDPE and PP composites. <i>Advances in Polymer Technology</i> , 2004, 23, 230-238.	1.7	17
94	TEMPO-mediated dispersion polymerization of styrene in the presence of camphorsulfonic acid. <i>Journal of Polymer Science Part A</i> , 2006, 44, 62-68.	2.3	17
95	The dispersion stability of multi-walled carbon nanotubes in the presence of poly(styrene- <i>l</i> -methyl) Tj ETQq1 1 0.784314 rgBT/Overload	2.4	17
96	Preparation of conductive PTFE nanocomposite containing multiwalled carbon nanotube via latex heterocoagulation approach. <i>Colloid and Polymer Science</i> , 2010, 288, 47-53.	2.1	17
97	Heteroatom-doped porous carbon electrodes derived from a carbonyl-based aromatic porous polymer for supercapacitors. <i>Synthetic Metals</i> , 2018, 243, 115-120.	3.9	17
98	Synthesis of novel and room temperature-operable palladium complexes on graphene oxide: An efficient recyclable catalyst for Suzuki-Miyaura coupling reactions. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 75, 253-261.	5.8	16
99	Controlling morphology of polymer microspheres by Shirasu porous glass (SPG) membrane emulsification and subsequent polymerization: from solid to hollow. <i>Macromolecular Research</i> , 2010, 18, 1142-1147.	2.4	15
100	Fabrication of thermally expandable core-shell microcapsules using organic and inorganic stabilizers and their application. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	15
101	Synthesis and Characterization of Polyurethane-Derived Telechelic Macromonomer Cross-Linkable Stabilizer (TMCS). <i>Macromolecules</i> , 2005, 38, 2686-2690.	4.8	14
102	An inexpensive route to prepare mesoporous hollow silica microspheres using W/O ethanol/edible soybean oil macroemulsion as the template. <i>Materials Letters</i> , 2009, 63, 2047-2050.	2.6	14
103	Preparation of silica-layered multi-walled carbon nanotubes activated by grafting of poly(4-vinylpyridine). <i>Synthetic Metals</i> , 2009, 159, 62-68.	3.9	14
104	Piezoresistive effects of copper-filled polydimethylsiloxane composites near critical pressure. <i>Polymer</i> , 2013, 54, 7071-7079.	3.8	14
105	Selective hydrodealkylation of C <sub>9</sub> + aromatics to benzene, toluene, and xylenes (BTX) over a Pt/H-ZSM-5 catalyst. <i>Journal of Molecular Catalysis A</i> , 2015, 407, 147-151.	4.8	14
106	Hexagonal CoFe <sub>2</sub> O <sub>4</sub> /Ni(OH) <sub>2</sub> heterojunction composite as an advanced electrocatalyst for the oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 27874-27882.	7.1	14
107	Effects of the presence of water on ultrasonic devulcanization of polydimethylsiloxane. <i>Journal of Applied Polymer Science</i> , 2003, 88, 2630-2638.	2.6	13
108	Novel macromonomer as a reactive stabilizer in the dispersion polymerization of methylmethacrylate. <i>Macromolecular Research</i> , 2004, 12, 512-518.	2.4	13

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109	Chemical vapour sensing behaviors of multi-walled carbon nanotube adsorbed electrospun nylon 6,6 nanofibers. <i>Macromolecular Research</i> , 2011, 19, 980-983.	2.4	13
110	Synthesis and characterization of different MnO <sub>2</sub> morphologies for lithium-air batteries. <i>Electronic Materials Letters</i> , 2014, 10, 957-962.	2.2	13
111	Microwave-accelerated synthesis of silica nanoparticle-coated graphite nanoplatelets and properties of their epoxy composites. <i>Composites Science and Technology</i> , 2014, 103, 8-15.	7.8	13
112	Interface engineering of Cu <sub>3</sub> P/FeP heterostructure as an enhanced electrocatalyst for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 32364-32372.	7.1	13
113	Preparation of poly(acrylamide)/MWNTs nanocomposite using carboxylated MWNTs. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3477-3481.	2.3	12
114	An investigation on the selective hydrodealkylation of C <sub>9</sub> aromatics over alkali-treated Pt/H-ZSM-5 zeolites. <i>Catalysis Science and Technology</i> , 2016, 6, 5599-5607.	4.1	12
115	Pd(II)-immobilized on a nanoporous triazine-based covalent imine framework for facile cyanation of haloarenes with K <sub>4</sub> Fe(CN) <sub>6</sub> . <i>Molecular Catalysis</i> , 2019, 473, 110395.	2.0	12
116	Emulsion Polymerization of Methyl Methacrylate Using a Surface-active RAFT agent: The Role of Surfactant. <i>Polymer Bulletin</i> , 2003, 51, 209-216.	3.3	11
117	In-situ synthesis of PS( $\hat{\sim}$ )silica composite particles in dispersion polymerization using an ( $\hat{\pm}$ ) amphoteric initiator. <i>Macromolecular Research</i> , 2008, 16, 329-336.	2.4	11
118	Aqueous dispersion of submicron-sized diamond particles for thermally conductive polyurethane coating. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 415, 255-261.	4.7	11
119	Development of a carbon foam supercapacitor electrode from resorcinol-formaldehyde using a double templating method. <i>Synthetic Metals</i> , 2015, 199, 121-127.	3.9	11
120	A one-step process employing various amphiphiles for an electrically insulating silica coating on graphite. <i>RSC Advances</i> , 2017, 7, 24242-24254.	3.6	11
121	The fabrication of a conversion film on AZ31 containing carbonate product and evaluation of its corrosion resistance. <i>Journal of Alloys and Compounds</i> , 2018, 737, 597-602.	5.5	11
122	Effective Heat Transfer Pathways of Thermally Conductive Networks Formed by One-Dimensional Carbon Materials with Different Sizes. <i>Polymers</i> , 2019, 11, 1661.	4.5	11
123	A Graphene Oxide Nanosheet Supported NHC-Palladium Complex as a Highly Efficient and Recyclable Suzuki Coupling Catalyst. <i>Synthesis</i> , 2019, 51, 2287-2292.	2.3	11
124	Polymerization Kinetics and Physical Properties of Polyurethanes Synthesized by Bio-Based Monomers. <i>Macromolecular Research</i> , 2019, 27, 153-163.	2.4	11
125	Rheology of decamethylcyclopentasiloxane (cyclomethicone) W/O emulsion system. <i>Macromolecular Research</i> , 2009, 17, 943-949.	2.4	10
126	Nucleate boiling heat transfer in nanofluids with carbon nanotubes up to critical heat fluxes. <i>Journal of Mechanical Science and Technology</i> , 2011, 25, 2647-2655.	1.5	10



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127	Electrolyte effect on the particle characteristics prepared by soap-free emulsion polymerization. <i>Macromolecular Research</i> , 2007, 15, 403-411.	2.4	9
128	Dispersion polymerization of styrene employing lyophilic comonomer in the absence of stabilizer: Synthesis of impurity-free microspheres. <i>Macromolecular Research</i> , 2009, 17, 469-475.	2.4	9
129	Dispersion Stability of Fluorinated Multi-Walled Carbon Nanotubes in FC-27 Refrigerant. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 1485-1492.	2.4	9
130	Glass beads-assisted fine dispersion of multiwalled carbon nanotube in silicone matrix. <i>Macromolecular Research</i> , 2010, 18, 766-771.	2.4	8
131	Conductive silicone/acetylene black composite film as a chemical vapor sensor. <i>Synthetic Metals</i> , 2010, 160, 1030-1035.	3.9	8
132	Significance of the Dispersion Stability of Carbon Nanotubes on the Thermal Conductivity of Nylon 610 Nanocomposite. <i>Journal of Dispersion Science and Technology</i> , 2010, 31, 1230-1235.	2.4	7
133	Surface Modification of Carbon Nanotube by Poly(ethylene glycol) for the Preparation of Poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overl	2.2	7
134	Electrochemical Oxidation of Organic Matter in the Presence of Chloride Over Ti/SnO<sub>2</sub>/Sb<sub>2</sub>O<sub>5</sub> Prepared via Sol-Gel Methods. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 10892-10897.	0.9	7
135	Pulse-reverse electroplating of chromium from Sargent baths: Influence of anodic time on physical and electrochemical properties of electroplated Cr. <i>International Journal of Refractory Metals and Hard Materials</i> , 2020, 89, 105213.	3.8	7
136	The effect of camphorsulfonic acid in TEMPO-mediated bulk and dispersion polymerization of styrene. <i>Macromolecular Research</i> , 2005, 13, 187-193.	2.4	6
137	Production of carbon black/silica composite particles by adsorption of poly(vinyl pyrrolidone). <i>Macromolecular Research</i> , 2009, 17, 718-720.	2.4	6
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