

Soo-Jin Park

List of Publications by Year in descending order

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1,038
papers

42,932
citations

3264

94
h-index

8627

151
g-index

1056
all docs

1056
docs citations

1056
times ranked

40243
citing authors

#	ARTICLE	IF	CITATIONS
1	Thioacetamide-derived nitrogen and sulfur co-doped carbon quantum dots for "green" quantum dot solar cells. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 105, 111-120.	2.9	22
2	Interfacial interaction of graphitic carbon nitride/nanodiamond nanocomposites toward synergistic enhancement of photocatalytic degradation of organic contaminants. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 2257-2265.	5.0	10
3	Formulation of interfacial parameter in Kolarik model by aspect ratio of carbon nanotubes and interfacial shear strength to simulate the tensile strength of carbon-nanotube-based systems. <i>Polymer Composites</i> , 2022, 43, 430-439.	2.3	1
4	Hybrid biochar supported transition metal doped MnO ₂ composites: Efficient contenders for lithium adsorption and recovery from aqueous solutions. <i>Desalination</i> , 2022, 522, 115387.	4.0	45
5	Chemically modified sugarcane bagasse-based biocomposites for efficient removal of acid red 1 dye: Kinetics, isotherms, thermodynamics, and desorption studies. <i>Chemosphere</i> , 2022, 291, 132796.	4.2	68
6	Highly efficient reduction of aqueous Cr(VI) with novel ZnO/SnS nanocomposites through the piezoelectric effect. <i>Journal of Environmental Sciences</i> , 2022, 118, 57-66.	3.2	11
7	Thermal and mechanical properties of poly(lactic acid) reinforced with silanized basalt scales. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 1952-1958.	1.2	4
8	Enhanced electrical conductivity and electromagnetic shielding efficiency of epoxy resin using graphene nanoplatelets. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 1968-1974.	1.2	6
9	Improved thermal conductivity and mechanical property of mercapto group-activated boron nitride/elastomer composites for thermal management. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 156, 106869.	3.8	41
10	Thermal and electrical conductivity improvement in epoxy resin with expanded graphite and silver plating. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 2182-2191.	1.2	5
11	Recent Progress Using Solid-State Materials for Hydrogen Storage: A Short Review. <i>Processes</i> , 2022, 10, 304.	1.3	58
12	Flexible solid-state hybrid supercapacitors for the internet of everything (IoE). <i>Energy and Environmental Science</i> , 2022, 15, 2233-2258.	15.6	76
13	Eucalyptus (<i>camaldulensis</i>) bark-based composites for efficient Basic Blue 41 dye biosorption from aqueous stream: Kinetics, isothermal, and thermodynamic studies. <i>Surfaces and Interfaces</i> , 2022, 31, 101897.	1.5	21
14	Synthesis of the ionic liquid 1,2-dimethyl-3-butylimidazole bromide salt and its application in phenolic-formaldehyde-resin-based conductive materials. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	3
15	Two-Stage Modeling of Tensile Strength for a Carbon-Nanotube-Based System Applicable in the Biomedical Field. <i>Jom</i> , 2022, 74, 3059-3068.	0.9	8
16	Bimetallic CuPd nanoparticle-decorated MgAl-LDH/g-C ₃ N ₄ composites for efficient photocatalytic reduction of aqueous Cr(VI). <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 111, 183-191.	2.9	12
17	Self-activated, urea modified microporous carbon cryogels for high-performance CO ₂ capture and separation. <i>Carbon</i> , 2022, 192, 14-29.	5.4	47
18	Promoted charge separation and specific surface area via interlacing of N-doped titanium dioxide nanotubes on carbon nitride nanosheets for photocatalytic degradation of Rhodamine B. <i>Nanotechnology Reviews</i> , 2022, 11, 1592-1605.	2.6	6

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19	A Study on Pre-Oxidation of Petroleum Pitch-Based Activated Carbons for Electric Double-Layer Capacitors. <i>Molecules</i> , 2022, 27, 3241.	1.7	2
20	Nitrogen and Sulfur Co-Doped Graphene Quantum Dots Anchored TiO ₂ Nanocomposites for Enhanced Photocatalytic Activity. <i>Catalysts</i> , 2022, 12, 548.	1.6	12
21	Supercapacitor performance based on nitrogen and sulfur co-doped hierarchically porous carbons: Superior rate capability and cycle stability. <i>International Journal of Energy Research</i> , 2022, 46, 15602-15616.	2.2	31
22	Effective Conductivity of Carbon-Nanotube-Filled Systems by Interfacial Conductivity to Optimize Breast Cancer Cell Sensors. <i>Nanomaterials</i> , 2022, 12, 2383.	1.9	0
23	Tensile Modulus of Polymer Halloysite Nanotube Systems Containing Filler-Interphase Networks for Biomedical Requests. <i>Materials</i> , 2022, 15, 4715.	1.3	1
24	Electrocatalytic and photocatalytic sustainable conversion of carbon dioxide to value-added chemicals: State-of-the-art progress, challenges, and future directions. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108219.	3.3	17
25	Innovative progress in graphene derivative-based composite hybrid membranes for the removal of contaminants in wastewater: A review. <i>Chemosphere</i> , 2022, 306, 135590.	4.2	32
26	Solvent-free, one-pot synthesis of nitrogen-tailored alkali-activated microporous carbons with an efficient CO ₂ adsorption. <i>Carbon</i> , 2021, 172, 71-82.	5.4	137
27	Synergistic reinforcing of poly(lactic acid) by poly(butylene adipate-terephthalate) and alumina nanoparticles. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50250.	1.3	17
28	Phosphorization-derived MoP@MoO _{3-x} nanowires for selective photocatalytic oxidation of benzyl alcohol to benzaldehyde. <i>Journal of Catalysis</i> , 2021, 394, 332-341.	3.1	34
29	Polyhydroxyalkanoates (PHAs): Biopolymers for Biofuel and Biorefineries. <i>Polymers</i> , 2021, 13, 253.	2.0	52
30	Nanostructured multifunctional electrocatalysts for efficient energy conversion systems: Recent perspectives. <i>Nanotechnology Reviews</i> , 2021, 10, 137-157.	2.6	28
31	Carboxylated Group Effect of Graphene Oxide on Capacitance Performance of Zr-Based Metal Organic Framework Electrodes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1939-1945.	1.9	7
32	Chemically modified carbonaceous adsorbents for enhanced CO ₂ capture: A review. <i>Journal of Cleaner Production</i> , 2021, 290, 125776.	4.6	125
33	A novel synthesis of ditrimethylpropane biphosphoramidate diethyleneamine as flame retardant and antistatic textiles. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 872-884.	1.2	6
34	Improvement of Mesoporosity on Supercapacitive Performance of Activated Carbons Derived From Coffee Grounds. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 748-755.	1.0	7
35	Roles of London Dispersive and Polar Components of Nano-Metal-Coated Activated Carbons for Improving Carbon Dioxide Uptake. <i>Coatings</i> , 2021, 11, 691.	1.2	3
36	Effect of Atmospheric-Pressure Plasma Treatments on Fracture Toughness of Carbon Fibers-Reinforced Composites. <i>Molecules</i> , 2021, 26, 3698.	1.7	6

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37	A comparative study on nano-inclusion effect of MoS ₂ nanosheets and MoS ₂ quantum dots on fracture toughness and interfacial properties of epoxy composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 146, 106419.	3.8	28
38	Acetic acid-mediated cellulose-based carbons: Influence of activation conditions on textural features and carbon dioxide uptakes. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 745-758.	5.0	39
39	Electrical property improvement of phenolic formaldehyde resin with graphene and ionic liquid. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 2332-2340.	1.2	11
40	Ultralong and Millimeter-Thick Graphene Oxide Supercapacitors with High Volumetric Capacitance. <i>ACS Applied Energy Materials</i> , 2021, 4, 8059-8069.	2.5	13
41	Oxygen-vacancy-rich spinel CoFe ₂ O ₄ nanocrystals anchored on cage-like carbon for high-performance oxygen electrocatalysis. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 2134-2140.	1.2	4
42	Effect of ambient plasma treatment on single-walled carbon nanotubes-based epoxy/fabrics for improving fracture toughness and electromagnetic shielding effectiveness. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 148, 106456.	3.8	13
43	Tensile strength of carbon nanotube-based nanocomposites by the effective characteristics of interphase area nearby the filler network. <i>Polymer Composites</i> , 2021, 42, 6488-6499.	2.3	10
44	A rational design of cellulose-based heteroatom-doped porous carbons: Promising contenders for CO ₂ adsorption and separation. <i>Chemical Engineering Journal</i> , 2021, 420, 130421.	6.6	99
45	Roles of Small Polyetherimide Moieties on Thermal Stability and Fracture Toughness of Epoxy Blends. <i>Polymers</i> , 2021, 13, 3310.	2.0	4
46	Preparation and Catalytic Activity of Platinum Supported on Amine-Functionalized MIL-101 (Fe)/Nitrogen-Doped Carbon Nanotube Composite for Fuel Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 4644-4648.	0.9	4
47	Role of heteroatoms (nitrogen and sulfur)-dual doped corn-starch based porous carbons for selective CO ₂ adsorption and separation. <i>Journal of CO₂ Utilization</i> , 2021, 51, 101641.	3.3	75
48	An applicable model for the modulus of polymer halloysite nanotubes samples by the characteristics of halloysite nanotubes, interphase zone and filler/interphase network. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 628, 127330.	2.3	8
49	Polyamide/Chitosan/Tetraethyl Orthosilicate Electrospun Nanofibers for a Novel and Promising Drug Carrier. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 5912-5919.	0.9	1
50	Valorization of shrimp shell biowaste for environmental remediation: Efficient contender for CO ₂ adsorption and separation. <i>Journal of Environmental Management</i> , 2021, 299, 113661.	3.8	56
51	Role of dry ozonization of basalt fibers on interfacial properties and fracture toughness of epoxy matrix composites. <i>Nanotechnology Reviews</i> , 2021, 10, 710-718.	2.6	6
52	A review on MXenes: new-generation 2D materials for supercapacitors. <i>Sustainable Energy and Fuels</i> , 2021, 5, 5672-5693.	2.5	55
53	Efficient micropore sizes for carbon dioxide physisorption of pine cone-based carbonaceous materials at different temperatures. <i>Journal of CO₂ Utilization</i> , 2021, 54, 101770.	3.3	14
54	Effect of graphene oxide/graphitic nanofiber nanohybrids on interfacial properties and fracture toughness of carbon fibers-reinforced epoxy matrix composites. <i>Composites Part B: Engineering</i> , 2021, 227, 109387.	5.9	39

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55	A study on interfacial behaviors of epoxy/graphene oxide derived from pitch-based graphite fibers. <i>Nanotechnology Reviews</i> , 2021, 10, 1827-1837.	2.6	13
56	A Study on Electron Acceptor of Carbonaceous Materials for Highly Efficient Hydrogen Uptakes. <i>Catalysts</i> , 2021, 11, 1524.	1.6	3
57	Recent Advances in MnOx/CeO2-Based Ternary Composites for Selective Catalytic Reduction of NOx by NH3: A Review. <i>Catalysts</i> , 2021, 11, 1519.	1.6	9
58	A model for the tensile modulus of polymer nanocomposites assuming carbon nanotube networks and interphase zones. <i>Acta Mechanica</i> , 2020, 231, 35-45.	1.1	3
59	Hydrothermal synthesis of Ag2CO3-TiO2 loaded reduced graphene oxide nanocomposites with highly efficient photocatalytic activity. <i>Chemical Engineering Communications</i> , 2020, 207, 688-695.	1.5	12
60	Expansion of effective pore size on hydrogen physisorption of porous carbons at low temperatures with high pressures. <i>Carbon</i> , 2020, 158, 364-371.	5.4	17
61	An overview of TiO2-based photocatalytic membrane reactors for water and wastewater treatments. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 84, 23-41.	2.9	141
62	Effects of CNT size, network fraction, and interphase thickness on the tunneling distance between neighboring carbon nanotubes (CNTs) in nanocomposites. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 86, 53-60.	2.9	5
63	Preparation and characterization of mesoporous activated carbons from nonporous hard carbon via enhanced steam activation strategy. <i>Materials Chemistry and Physics</i> , 2020, 242, 122454.	2.0	27
64	Influence of carboxymethyl cellulose content on structures and electrochemical behaviors of reduced graphene oxide films. <i>Electrochimica Acta</i> , 2020, 330, 135219.	2.6	10
65	Functionalized titanate nanotubes for efficient lithium adsorption and recovery from aqueous media. <i>Journal of Solid State Chemistry</i> , 2020, 283, 121157.	1.4	33
66	Single-step solid-state synthesis and characterization of $\text{Li}_4\text{Ti}_5\text{Fe}_x\text{O}_{12}$ ($0 \leq x \leq 0.1$) as an anode for 5.2 lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2627-2636.		28
67	From chitosan to urea-modified carbons: Tailoring the ultra-microporosity for enhanced CO2 adsorption. <i>Carbon</i> , 2020, 159, 625-637.	5.4	127
68	Effect of conductivity transportation from carbon nanotubes (CNT) to polymer matrix surrounding CNT on the electrical conductivity of nanocomposites. <i>Polymer Composites</i> , 2020, 41, 1595-1604.	2.3	7
69	Enhancement of impact strength of poly(lactic acid)/silicon carbide nanocomposites through surface modification with titanate-coupling agents. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	0.8	8
70	Preparation and Capacitance of Ni Metal Organic Framework/Reduced Graphene Oxide Composites for Supercapacitors as Nanoarchitectonics. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 2750-2754.	0.9	19
71	The Role of CO2 as a Mild Oxidant in Oxidation and Dehydrogenation over Catalysts: A Review. <i>Catalysts</i> , 2020, 10, 1075.	1.6	14
72	Effective Reinforcement of Melamine-functionalized WS2 Nanosheets in Epoxy Nanocomposites at Low Loading via Enhanced Interfacial Interaction. <i>Macromolecular Research</i> , 2020, 28, 1116-1126.	1.0	25

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73	Sustainable N-doped hierarchical porous carbons as efficient CO ₂ adsorbents and high-performance supercapacitor electrodes. <i>Journal of CO₂ Utilization</i> , 2020, 42, 101326.	3.3	84
74	Effect of Graphene Oxide on Interfacial Interactions and Fracture Toughness of Basalt Fiber-Reinforced Epoxy Composites. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 6760-6767.	0.9	9
75	Phosphorus-doped g-C ₃ N ₄ /SnS nanocomposite for efficient photocatalytic reduction of aqueous Cr(VI) under visible light. <i>Applied Surface Science</i> , 2020, 531, 147325.	3.1	47
76	Fracture toughness enhancement of epoxy resin reinforced with graphene nanoplatelets and carbon nanotubes. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 2075-2083.	1.2	19
77	Potassium Oxalate as an Alternative Activating Reagent of Corn Starch-Derived Porous Carbons for Methane Storage. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 7124-7129.	0.9	7
78	Development of Chow Model for Tensile Modulus of Polymer Nanocomposites Assuming the Interphase Region and Particle Arrangement. <i>Physical Mesomechanics</i> , 2020, 23, 263-270.	1.0	2
79	A Role of Activators for Efficient CO ₂ Affinity on Polyacrylonitrile-Based Porous Carbon Materials. <i>Frontiers in Chemistry</i> , 2020, 8, 710.	1.8	33
80	Synthesis and application of thermal latent initiators of epoxy resins: A review. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49592.	1.3	39
81	Energy-Efficient Tunneling Field-Effect Transistors for Low-Power Device Applications: Challenges and Opportunities. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47127-47163.	4.0	51
82	A review: recent advances in preparations and applications of heteroatom-doped carbon quantum dots. <i>Dalton Transactions</i> , 2020, 49, 6915-6938.	1.6	142
83	Nanoflower-like NiCo ₂ O ₄ grown on biomass carbon coated nickel foam for asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2020, 835, 155270.	2.8	61
84	State of the art two-dimensional materials-based photodetectors: Prospects, challenges and future outlook. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 89, 28-46.	2.9	11
85	Electrochemical Behavior Study of Flower-Shaped Bimetal Organic Frameworks with Graphene Oxide for Cathode of Lithium Sulfur Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 4933-4936.	0.9	6
86	Facile preparation of activated carbon with optimal pore range for high butane working capacity. <i>Carbon Letters</i> , 2020, 30, 297-305.	3.3	10
87	Activated Carbon/MnO ₂ Composites as Electrode for High Performance Supercapacitors. <i>Catalysts</i> , 2020, 10, 256.	1.6	27
88	Tuning ratios of KOH and NaOH on acetic acid-mediated chitosan-based porous carbons for improving their textural features and CO ₂ uptakes. <i>Journal of CO₂ Utilization</i> , 2020, 40, 101212.	3.3	65
89	MnO ₂ -decorated biochar composites of coconut shell and rice husk: An efficient lithium ions adsorption-desorption performance in aqueous media. <i>Chemosphere</i> , 2020, 260, 127500.	4.2	63
90	Acrylic Pressure-Sensitive Adhesive Reinforced with Aluminum Nitride and Its Thermal Properties: Effect of Surface Treatment and Particle Size. <i>Coatings</i> , 2020, 10, 188.	1.2	6

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91	Recent advances in preparations and applications of carbon aerogels: A review. Carbon, 2020, 163, 1-18.	5.4	246
92	Simulation of tunneling distance and electrical conductivity for polymer carbon nanotubes nanocomposites by interphase thickness and network density. Polymer Composites, 2020, 41, 2401-2410.	2.3	5
93	Effect of Processing Parameters on the Thermal and Electrical Properties of Electroless Nickel-Phosphorus Plated Carbon Fiber Heating Elements. Journal of Carbon Research, 2020, 6, 6.	1.4	4
94	Improved impact strength of poly(lactic acid) by incorporating poly(butylene succinate) and silicon dioxide nanoparticles. Korean Journal of Chemical Engineering, 2020, 37, 905-910.	1.2	16
95	Effect of nickel ion doping in MnO ₂ /reduced graphene oxide nanocomposites for lithium adsorption and recovery from aqueous media. RSC Advances, 2020, 10, 9245-9257.	1.7	30
96	Amine-terminated chain-grafted nanodiamond/epoxy nanocomposites as interfacial materials: Thermal conductivity and fracture resistance. Composites Part B: Engineering, 2020, 192, 107983.	5.9	43
97	Effect of ozone-treated single-walled carbon nanotubes on interfacial properties and fracture toughness of carbon fiber-reinforced epoxy composites. Composites Part A: Applied Science and Manufacturing, 2020, 137, 105937.	3.8	34
98	Microwave-assisted acid functionalized carbon nanofibers decorated with Mn doped TNTs nanocomposites: Efficient contenders for lithium adsorption and recovery from aqueous media. Journal of Industrial and Engineering Chemistry, 2020, 92, 263-277.	2.9	26
99	Hydrothermal Preparation of Ag/TiO ₂ /GO Nanocomposites with Ammonia-Treated Graphene Oxide for Enhanced Conductivity. Journal of Nanoscience and Nanotechnology, 2020, 20, 6698-6702.	0.9	1
100	Advances in layered double hydroxide-based ternary nanocomposites for photocatalysis of contaminants in water. Nanotechnology Reviews, 2020, 9, 1381-1396.	2.6	16
101	Synthesis of PAN/PVDF nanofiber composites-based carbon adsorbents for CO ₂ capture. Composites Part B: Engineering, 2019, 156, 95-99.	5.9	53
102	Simple model for hydrolytic degradation of poly(lactic acid)/poly(ethylene oxide)/carbon nanotubes nanobiosensor in neutral phosphate-buffered saline solution. Journal of Biomedical Materials Research - Part A, 2019, 107, 2706-2717.	2.1	22
103	Facile design of a domestic thermoelectric generator by tailoring the thermoelectric performance of volume-controlled expanded graphite/PVDF composites. Composites Part B: Engineering, 2019, 176, 107234.	5.9	19
104	Modeling the roles of carbon nanotubes and interphase dimensions in the conductivity of nanocomposites. Results in Physics, 2019, 15, 102562.	2.0	69
105	Activated Carbons from Thermoplastic Precursors and Their Energy Storage Applications. Nanomaterials, 2019, 9, 896.	1.9	10
106	In vitro antiproliferative study of curcumin loaded nano zeolitic imidazolate framework hybrid biomaterials on HeLa cells. Journal of Industrial and Engineering Chemistry, 2019, 79, 288-294.	2.9	4
107	One-Step Synthesis of Silver Nanoparticles Embedded Polyurethane Nano-Fiber/Net Structured Membrane as an Effective Antibacterial Medium. Polymers, 2019, 11, 1185.	2.0	57
108	Effect of Morphology of Calcium Carbonate on Toughness Behavior and Thermal Stability of Epoxy-Based Composites. Processes, 2019, 7, 178.	1.3	30

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109	Synthesis and application of a polymeric intumescent flame retardant for cotton fabric. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	0.8	8
110	Deformation of Single Crystals, Polycrystalline Materials, and Thin Films: A Review. <i>Materials</i> , 2019, 12, 2003.	1.3	53
111	Drug Delivery Applications of Core-Sheath Nanofibers Prepared by Coaxial Electrospinning: A Review. <i>Pharmaceutics</i> , 2019, 11, 305.	2.0	259
112	Pitch-Derived Activated Carbon Fibers for Emission Control of Low-Concentration Hydrocarbon. <i>Nanomaterials</i> , 2019, 9, 1313.	1.9	14
113	Three-dimensionally assembled manganese oxide ultrathin nanowires: Prospective electrode material for asymmetric supercapacitors. <i>Energy</i> , 2019, 188, 116066.	4.5	40
114	Stabilizing CuPd bimetallic alloy nanoparticles deposited on holey carbon nitride for selective hydroxylation of benzene to phenol. <i>Journal of Catalysis</i> , 2019, 379, 154-163.	3.1	61
115	Effect of Surface Modification on Thermal Stability, Flexural Properties, and Impact Strength of Epoxy/Graphene Nanocomposites. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 991-996.	1.0	12
116	Effects of ozonized carbon black on fracture and post-cracking toughness of carbon fiber-reinforced epoxy composites. <i>Composites Part B: Engineering</i> , 2019, 177, 107379.	5.9	37
117	Synthesis of polyethylenimine-impregnated titanate nanotubes for CO ₂ capture: Influence of porosity and nitrogen content on amine-modified adsorbents. <i>Journal of CO₂ Utilization</i> , 2019, 34, 472-478.	3.3	14
118	Environmental remediation by microporous carbon: An efficient contender for CO ₂ and methylene blue adsorption. <i>Journal of CO₂ Utilization</i> , 2019, 34, 656-667.	3.3	55
119	Fabrication of MoO ₃ Nanowire-based Membrane Devices for the Selective Adsorption of Cationic Dyes from Aqueous Solutions with High Performance and Reusability. <i>Micromachines</i> , 2019, 10, 586.	1.4	7
120	Recent Advances in TiO ₂ Films Prepared by Sol-gel Methods for Photocatalytic Degradation of Organic Pollutants and Antibacterial Activities. <i>Coatings</i> , 2019, 9, 613.	1.2	99
121	Graphitic Carbon Nitride Materials for Photocatalytic Hydrogen Production via Water Splitting: A Short Review. <i>Catalysts</i> , 2019, 9, 805.	1.6	54
122	A study on pore development mechanism of activated carbons from polymeric precursor: Effects of carbonization temperature and nano crystallite formation. <i>Chemical Engineering Journal</i> , 2019, 377, 120836.	6.6	9
123	Recent Advances in Organic Thermoelectric Materials: Principle Mechanisms and Emerging Carbon-Based Green Energy Materials. <i>Polymers</i> , 2019, 11, 167.	2.0	79
124	Preparation and characterization of mesophase formation of pyrolysis fuel oil-derived binder pitches for carbon composites. <i>Composites Part B: Engineering</i> , 2019, 165, 467-472.	5.9	17
125	Effect of Triblock Copolymer on Carbon-Based Boron Nitride Whiskers for Efficient CO ₂ Adsorption. <i>Polymers</i> , 2019, 11, 913.	2.0	22
126	Effect of graphene oxide/carbon nanotube ratio on electrochemical behaviors of spongy bone-like reduced graphene oxide/carbon nanotube foam prepared by simple and green approach. <i>Chemical Engineering Journal</i> , 2019, 373, 1020-1029.	6.6	30

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127	Flexible Organic Thermoelectric Materials and Devices for Wearable Green Energy Harvesting. <i>Polymers</i> , 2019, 11, 909.	2.0	56
128	Effect of electroless nickel plating on electromagnetic interference shielding effectiveness of pitch-based carbon papers/epoxy composites. <i>Functional Composites and Structures</i> , 2019, 1, 035001.	1.6	4
129	A developed equation for electrical conductivity of polymer carbon nanotubes (CNT) nanocomposites based on Halpin-Tsai model. <i>Results in Physics</i> , 2019, 14, 102406.	2.0	66
130	Thermal and Mechanical Interfacial Behaviors of Graphene Oxide-Reinforced Epoxy Composites Cured by Thermal Latent Catalyst. <i>Materials</i> , 2019, 12, 1354.	1.3	31
131	Carbon-Filled Organic Phase-Change Materials for Thermal Energy Storage: A Review. <i>Molecules</i> , 2019, 24, 2055.	1.7	45
132	Recent Trends of Foaming in Polymer Processing: A Review. <i>Polymers</i> , 2019, 11, 953.	2.0	180
133	Recent Advances in Carbonaceous Photocatalysts with Enhanced Photocatalytic Performances: A Mini Review. <i>Materials</i> , 2019, 12, 1916.	1.3	93
134	Effect of silver-plated expanded graphite addition on thermal and electrical conductivities of epoxy composites in the presence of graphite and copper. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 123, 253-259.	3.8	31
135	Preparation and Characterization of Mesoporous TiO ₂ /g-C ₃ N ₄ Nanosheets for Photocatalytic Behaviors. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 6247-6255.	0.9	8
136	Preparation and characterization of graphite/thermosetting composites. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	0.8	9
137	Recent progresses of fabrication and characterization of fibers-reinforced composites: A review. <i>Composites Communications</i> , 2019, 14, 34-42.	3.3	147
138	TiO ₂ NPs Assembled into a Carbon Nanofiber Composite Electrode by a One-Step Electrospinning Process for Supercapacitor Applications. <i>Polymers</i> , 2019, 11, 899.	2.0	78
139	Functionalized Carbon Materials for Electronic Devices: A Review. <i>Micromachines</i> , 2019, 10, 234.	1.4	81
140	Mesopore-Rich Activated Carbons for Electrical Double-Layer Capacitors by Optimal Activation Condition. <i>Nanomaterials</i> , 2019, 9, 608.	1.9	21
141	Synthesis and electrochemical characterization of nanostructured Ni-Co-MOF/graphene oxide composites as capacitor electrodes. <i>Electrochimica Acta</i> , 2019, 311, 62-71.	2.6	126
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