

Luyi Sun

List of Publications by Year in descending order

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260
papers

14,917
citations

17440

63
h-index

24258

110
g-index

263
all docs

263
docs citations

263
times ranked

16988
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, properties, and applications of graphene oxide/reduced graphene oxide and their nanocomposites. <i>Nano Materials Science</i> , 2019, 1, 31-47.	8.8	941
2	Preparation of two dimensional layered double hydroxide nanosheets and their applications. <i>Chemical Society Reviews</i> , 2017, 46, 5950-5974.	38.1	676
3	Multifunctional composite core-shell nanoparticles. <i>Nanoscale</i> , 2011, 3, 4474.	5.6	416
4	Silicon-Based Materials from Rice Husks and Their Applications. <i>Industrial & Engineering Chemistry Research</i> , 2001, 40, 5861-5877.	3.7	332
5	Combustible ionic liquids by design: is laboratory safety another ionic liquid myth?. <i>Chemical Communications</i> , 2006, , 2554.	4.1	301
6	Preparation of Zr -zirconium phosphate nanoplatelets with wide variations in aspect ratios. <i>New Journal of Chemistry</i> , 2007, 31, 39-43.	2.8	267
7	Mechanical properties of surface-functionalized SWCNT/epoxy composites. <i>Carbon</i> , 2008, 46, 320-328.	10.3	250
8	Large-Scale and Controllable Synthesis of Graphene Quantum Dots from Rice Husk Biomass: A Comprehensive Utilization Strategy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 1434-1439.	8.0	236
9	A Critical Review on the Heterogeneous Catalytic Oxidation of Elemental Mercury in Flue Gases. <i>Environmental Science & Technology</i> , 2013, 47, 10813-10823.	10.0	222
10	Bio-inspired sensitive and reversible mechanochromisms via strain-dependent cracks and folds. <i>Nature Communications</i> , 2016, 7, 11802.	12.8	211
11	Ultralong lifetime and efficient room temperature phosphorescent carbon dots through multi-confinement structure design. <i>Nature Communications</i> , 2020, 11, 5591.	12.8	202
12	Biomimetic nanocoatings with exceptional mechanical, barrier, and flame-retardant properties from large-scale one-step coassembly. <i>Science Advances</i> , 2017, 3, e1701212.	10.3	195
13	Synthesis and properties of polystyrene/graphite nanocomposites. <i>Polymer</i> , 2002, 43, 2245-2248.	3.8	193
14	Silica Nanoparticles and Frameworks from Rice Husk Biomass. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 977-981.	8.0	186
15	Poly(propylene)/Graphene Nanoplatelet Nanocomposites: Melt Rheological Behavior and Thermal, Electrical, and Electronic Properties. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1951-1959.	2.2	185
16	Graphene quantum dots: versatile photoluminescence for energy, biomedical, and environmental applications. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1157-1165.	5.5	172
17	Functionalized layered double hydroxides for innovative applications. <i>Materials Horizons</i> , 2020, 7, 715-745.	12.2	171
18	One-step direct synthesis of layered double hydroxide single-layer nanosheets. <i>Nanoscale</i> , 2015, 7, 9448-9451.	5.6	162

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19	Synthesis and properties of CO ₂ -based plastics: Environmentally-friendly, energy-saving and biomedical polymeric materials. <i>Progress in Polymer Science</i> , 2018, 80, 163-182.	24.7	162
20	Titanium incorporated with UiO-66(Zr)-type Metal-Organic Framework (MOF) for photocatalytic application. <i>RSC Advances</i> , 2016, 6, 3671-3679.	3.6	161
21	Electrically Conductive Polypropylene Nanocomposites with Negative Permittivity at Low Carbon Nanotube Loading Levels. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6125-6138.	8.0	153
22	High Performance Composite Polymer Electrolytes for Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2101380.	14.9	151
23	Efficient Mechanoluminescent Elastomers for Dual-Responsive Anticounterfeiting Device and Stretching/Strain Sensor with Multimode Sensibility. <i>Advanced Functional Materials</i> , 2018, 28, 1803168.	14.9	149
24	Preparation of Exfoliated Epoxy/Î±-Zirconium Phosphate Nanocomposites Containing High Aspect Ratio Nanoplatelets. <i>Chemistry of Materials</i> , 2007, 19, 1749-1754.	6.7	148
25	Advances in technologies for pharmaceuticals and personal care products removal. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12001-12014.	10.3	142
26	Barrier properties of model epoxy nanocomposites. <i>Journal of Membrane Science</i> , 2008, 318, 129-136.	8.2	139
27	Room-Temperature Synthesis of Mn-Doped Cesium Lead Halide Quantum Dots with High Mn Substitution Ratio. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4167-4171.	4.6	139
28	Flame retardant and hydrophobic coatings on cotton fabrics via sol-gel and self-assembly techniques. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 892-899.	9.4	138
29	Facile Synthesis of Three-Dimensional Heteroatom-Doped and Hierarchical Egg-Box-Like Carbons Derived from <i>Moringa oleifera</i> Branches for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33060-33071.	8.0	137
30	Extraction of Lignocellulose and Synthesis of Porous Silica Nanoparticles from Rice Husks: A Comprehensive Utilization of Rice Husk Biomass. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 254-259.	6.7	135
31	Effect of Crystallinity on the Intercalation of Monoamine in Î±-Zirconium Phosphate Layer Structure. <i>Chemistry of Materials</i> , 2005, 17, 5606-5609.	6.7	133
32	Moisture-Responsive Wrinkling Surfaces with Tunable Dynamics. <i>Advanced Materials</i> , 2017, 29, 1700828.	21.0	133
33	Magnetic Epoxy Resin Nanocomposites Reinforced with Core-Shell Structured Fe@FeO Nanoparticles: Fabrication and Property Analysis. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2100-2107.	8.0	130
34	Facile hydroxylation of halloysite nanotubes for epoxy nanocomposite applications. <i>Polymer</i> , 2014, 55, 6519-6528.	3.8	115
35	A highly stretchable, ultra-tough, remarkably tolerant, and robust self-healing glycerol-hydrogel for a dual-responsive soft actuator. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25969-25977.	10.3	111
36	Harvesting silica nanoparticles from rice husks. <i>Journal of Nanoparticle Research</i> , 2011, 13, 6981-6990.	1.9	110

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37	Purification and stabilization of colloidal ZnO nanoparticles in methanol. <i>Journal of Sol-Gel Science and Technology</i> , 2007, 43, 237-243.	2.4	108
38	Sulfonic Acid-Functionalized γ -Zirconium Phosphate Single-Layer Nanosheets as a Strong Solid Acid for Heterogeneous Catalysis Applications. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7417-7425.	8.0	107
39	Recent advances in lithium containing ceramic based sorbents for high-temperature CO ₂ capture. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7962-8005.	10.3	106
40	Surfactant-Free Synthesized Magnetic Polypropylene Nanocomposites: Rheological, Electrical, Magnetic, and Thermal Properties. <i>Macromolecules</i> , 2011, 44, 4382-4391.	4.8	104
41	Polymers for high performance Li-S batteries: Material selection and structure design. <i>Progress in Polymer Science</i> , 2019, 89, 19-60.	24.7	103
42	Two-dimensional MXenes: New frontier of wearable and flexible electronics. <i>Information Materials</i> , 2022, 4, .	17.3	102
43	Effect of nanoplatelet dispersion on mechanical behavior of polymer nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 1459-1469.	2.1	101
44	Plasma-induced highly efficient synthesis of boron doped reduced graphene oxide for supercapacitors. <i>Chemical Communications</i> , 2016, 52, 10988-10991.	4.1	101
45	Mechanics-induced triple-mode anticounterfeiting and moving tactile sensing by simultaneously utilizing instantaneous and persistent mechanoluminescence. <i>Materials Horizons</i> , 2019, 6, 2003-2008.	12.2	99
46	Engineering the Exciton Dissociation in Quantum-Confined 2D CsPbBr ₃ Nanosheet Films. <i>Advanced Functional Materials</i> , 2018, 28, 1705908.	14.9	98
47	Magnetic graphene oxide nanocomposites: nanoparticles growth mechanism and property analysis. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9478-9488.	5.5	92
48	Sulfur@graphene oxide core-shell particles as a rechargeable lithium-sulfur battery cathode material with high cycling stability and capacity. <i>RSC Advances</i> , 2013, 3, 4914.	3.6	88
49	High-Performance Electrospun Poly(vinylidene fluoride)/Poly(propylene carbonate) Gel Polymer Electrolyte for Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2015, 119, 27882-27891.	3.1	88
50	Synthesis of Layered Double Hydroxide Single-Layer Nanosheets in Formamide. <i>Inorganic Chemistry</i> , 2016, 55, 12036-12041.	4.0	87
51	Transparent and Waterproof Ionic Liquid-Based Fibers for Highly Durable Multifunctional Sensors and Strain-Insensitive Stretchable Conductors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4305-4314.	8.0	85
52	Magnetic high density polyethylene nanocomposites reinforced with in-situ synthesized Fe@FeO core-shell nanoparticles. <i>Polymer</i> , 2012, 53, 3642-3652.	3.8	83
53	Poly(propylene) Nanocomposites Containing Various Carbon Nanostructures. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2429-2438.	2.2	81
54	Versatile Nanostructures from Rice Husk Biomass for Energy Applications. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13722-13734.	13.8	81

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55	Catalytic materials for direct synthesis of dimethyl carbonate (DMC) from CO ₂ . Journal of Cleaner Production, 2021, 279, 123344.	9.3	81
56	Tungsten Trioxide/Zinc Tungstate Bilayers: Electrochromic Behaviors, Energy Storage and Electron Transfer. Electrochimica Acta, 2014, 132, 58-66.	5.2	80
57	Poly(propylene)/Carbon Nanofiber Nanocomposites: Ex Situ Solvent-Assisted Preparation and Analysis of Electrical and Electronic Properties. Macromolecular Materials and Engineering, 2011, 296, 434-443.	3.6	74
58	One-Pot Facile Synthesis of Graphene Quantum Dots from Rice Husks for Fe ³⁺ Sensing. Industrial & Engineering Chemistry Research, 2018, 57, 9144-9150.	3.7	73
59	Photoluminescent carbon quantum dot grafted silica nanoparticles directly synthesized from rice husk biomass. Journal of Materials Chemistry B, 2017, 5, 4679-4689.	5.8	71
60	High-performance strain sensors based on bilayer carbon black/PDMS hybrids. Advanced Composites and Hybrid Materials, 2021, 4, 514-520.	21.1	70
61	Lowly loaded carbon nanotubes induced high electrical conductivity and giant magnetoresistance in ethylene/1-octene copolymers. Polymer, 2016, 103, 315-327.	3.8	69
62	3D Printing Hydrogel Scaffolds with Nanohydroxyapatite Gradient to Effectively Repair Osteochondral Defects in Rats. Advanced Functional Materials, 2021, 31, .	14.9	68
63	Effective Intercalation and Exfoliation of Nanoplatelets in Epoxy via Creation of Porous Pathways. Journal of Physical Chemistry C, 2007, 111, 10377-10381.	3.1	67
64	Effect of Nanoplatelets on the Rheological Behavior of Epoxy Monomers. Macromolecular Materials and Engineering, 2009, 294, 103-113.	3.6	67
65	Electrospun Magnetic Fibrillar Polystyrene Nanocomposites Reinforced with Nickel Nanoparticles. Macromolecular Chemistry and Physics, 2010, 211, 1775-1783.	2.2	66
66	Nonstrained ϵ -Butyrolactone to High-Molecular-Weight Poly(ϵ -butyrolactone): Facile Bulk Polymerization Using Economical Ureas/Alkoxides. Macromolecules, 2018, 51, 9317-9322.	4.8	66
67	Layered intercalation compounds: Mechanisms, new methodologies, and advanced applications. Progress in Materials Science, 2020, 109, 100631.	32.8	66
68	Strategic Design of Clay-Based Multifunctional Materials: From Natural Minerals to Nanostructured Membranes. Advanced Functional Materials, 2019, 29, 1807611.	14.9	65
69	Designing Supported Ionic Liquids (ILs) within Inorganic Nanosheets for CO ₂ Capture Applications. ACS Applied Materials & Interfaces, 2016, 8, 5547-5555.	8.0	63
70	Fully alternating sustainable polyesters from epoxides and cyclic anhydrides: economical and metal-free dual catalysis. Green Chemistry, 2019, 21, 2469-2477.	9.0	61
71	Lithium (4-styrenesulfonyl) (trifluoromethanesulfonyl) imide based single-ion polymer electrolyte with superior battery performance. Energy Storage Materials, 2020, 24, 579-587.	18.0	61
72	Effects of slip agent and talc surface-treatment on the scratch behavior of thermoplastic olefins. Polymer Engineering and Science, 2006, 46, 601-608.	3.1	60

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73	Ultrastrong and Heat-Resistant Poly(ether ether ketone) Separator for Dendrite-Proof and Heat-Resistant Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2019, 2, 3886-3895.	5.1	60
74	Reinforced magnetic epoxy nanocomposites with conductive polypyrrole nanocoating on nanomagnetite as a coupling agent. <i>RSC Advances</i> , 2014, 4, 36560.	3.6	57
75	Three-dimensional Nitrogen-doped graphene as binder-free electrode materials for supercapacitors with high volumetric capacitance and the synergistic effect between nitrogen configuration and supercapacitive performance. <i>Electrochimica Acta</i> , 2016, 218, 32-40.	5.2	54
76	Sustainable biowaste strategy to fabricate dual-doped carbon frameworks with remarkable performance for flexible solid-state supercapacitors. <i>Journal of Power Sources</i> , 2019, 418, 112-121.	7.8	54
77	Reviving the "Schottky" Barrier for Flexible Polymer Dielectrics with a Superior 2D Nanoassembly Coating. <i>Advanced Materials</i> , 2021, 33, e2101374.	21.0	53
78	A transparent glycerol-hydrogel with stimuli-responsive actuation induced unexpectedly at subzero temperatures. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7935-7945.	10.3	52
79	Magnetically Soft and Hard Polypropylene/Cobalt Nanocomposites: Role of Maleic Anhydride Grafted Polypropylene. <i>Macromolecules</i> , 2013, 46, 2357-2368.	4.8	51
80	Scratch behavior of epoxy nanocomposites containing Zr^{4+} -zirconium phosphate and core-shell rubber particles. <i>Polymer Engineering and Science</i> , 2009, 49, 483-490.	3.1	50
81	Stress-induced color manipulation of mechanoluminescent elastomer for visualized mechanics sensing. <i>Nano Energy</i> , 2021, 83, 105860.	16.0	48
82	Immobilization of Ionic Liquids in Layered Compounds via Mechanochemical Intercalation. <i>Journal of Physical Chemistry C</i> , 2011, 115, 5509-5514.	3.1	47
83	Synthesis of Gold Nanoparticles on Rice Husk Silica for Catalysis Applications. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 5656-5663.	3.7	47
84	Solid Acid Catalyst Based on Single-Layer Zr^{4+} -Zirconium Phosphate Nanosheets for Biodiesel Production via Esterification. <i>Catalysts</i> , 2018, 8, 17.	3.5	47
85	Highly efficient self-template synthesis of porous silica nanorods from natural palygorskite. <i>Powder Technology</i> , 2019, 354, 1-10.	4.2	47
86	Dynamic thermal radiation modulators via mechanically tunable surface emissivity. <i>Materials Today</i> , 2021, 45, 44-53.	14.2	47
87	The effect of guest molecular architecture and host crystallinity upon the mechanism of the intercalation reaction. <i>Journal of Colloid and Interface Science</i> , 2009, 333, 503-509.	9.4	46
88	CO_2 Nanoenrichment and Nanoconfinement in Cage of Imine Covalent Organic Frameworks for High-Performance CO_2 Cathodes in LiCO_2 Batteries. <i>Small</i> , 2019, 15, e1904830.	10.0	45
89	Nanofluidic energy conversion and molecular separation through highly stable clay-based membranes. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14089-14096.	10.3	45
90	Flame retardant and hydrophobic cotton fabrics from intumescent coatings. <i>Advanced Composites and Hybrid Materials</i> , 2018, 1, 177-184.	21.1	44

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91	Multi-stimuli responsive chromism with tailorable mechanochromic sensitivity for versatile interactive sensing under ambient conditions. <i>Materials Horizons</i> , 2020, 7, 164-172.	12.2	44
92	Multi-color Reversible Photochromisms via Tunable Light-Dependent Responses. <i>Matter</i> , 2020, 2, 680-696.	10.0	44
93	Perovskite oxides as transparent semiconductors: a review. <i>Nano Convergence</i> , 2020, 7, 32.	12.1	44
94	A star-shaped POSS-containing polymer for cleaner leather processing. <i>Journal of Hazardous Materials</i> , 2019, 361, 305-311.	12.4	43
95	Raman microscopy of residual strains in carbon nanotube/epoxy composites. <i>Carbon</i> , 2010, 48, 1750-1756.	10.3	42
96	Synergetic Covalent and Spatial Confinement of Sulfur Species by Phthalazinone-Containing Covalent Triazine Frameworks for Ultrahigh Performance of Li-S Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8296-8305.	8.0	42
97	Aqueous phase preparation of graphene with low defect density and adjustable layers. <i>Chemical Communications</i> , 2013, 49, 10835.	4.1	41
98	Ultrahigh Li-ion conductive single-ion polymer electrolyte containing fluorinated polysulfonamide for quasi-solid-state Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24251-24261.	10.3	41
99	<i>In situ</i> growth of a CaAl-NO ₃ -layered double hydroxide film directly on an aluminum alloy for corrosion resistance. <i>Dalton Transactions</i> , 2020, 49, 3956-3964.	3.3	41
100	Polypropylene Nanocomposites Based on Designed Synthetic Nanoplatelets. <i>Chemistry of Materials</i> , 2009, 21, 1154-1161.	6.7	40
101	Bioinspired Superhydrophobic Thermochromic Films with Robust Healability. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 14578-14587.	8.0	40
102	Fluorescent electrospun polyvinyl alcohol/CdSe@ZnS nanocomposite fibers. <i>Journal of Composite Materials</i> , 2013, 47, 3175-3185.	2.4	39
103	Derivatization of diamondoids for functional applications. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6947-6961.	5.5	39
104	Preparation and enhanced properties of Fe ₃ O ₄ nanoparticles reinforced polyimide nanocomposites. <i>Superlattices and Microstructures</i> , 2015, 85, 305-320.	3.1	39
105	Improving thermal, electrical and mechanical properties of fluoroelastomer/amino-functionalized multi-walled carbon nanotube composites by constructing dual crosslinking networks. <i>Composites Science and Technology</i> , 2018, 162, 49-57.	7.8	39
106	Calcined Mg/Al-LDH for acidic wastewater treatment: Simultaneous neutralization and contaminant removal. <i>Applied Clay Science</i> , 2018, 153, 46-53.	5.2	39
107	Studies of the thermal behavior of Nafion [®] membranes treated with aluminum(III). <i>Polymer Degradation and Stability</i> , 2005, 89, 43-49.	5.8	38
108	Pure near-infrared to near-infrared upconversion of multifunctional Tm ³⁺ and Yb ³⁺ co-doped NaGd(WO ₄) ₂ nanoparticles. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4495-4501.	5.5	38

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109	Hierarchical NiO mesocrystals with tuneable high-energy facets for pseudocapacitive charge storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 6921-6927.	10.3	38
110	Synthesis, limitations, and thermal properties of energetically-substituted, protonated imidazolium picrate and nitrate salts and further comparison with their methylated analogs. <i>New Journal of Chemistry</i> , 2012, 36, 702-722.	2.8	37
111	Preparation of conductive composite hydrogels from carboxymethyl cellulose and polyaniline with a nontoxic crosslinking agent. <i>RSC Advances</i> , 2017, 7, 54823-54828.	3.6	37
112	Sulfonated poly(fluorenyl ether ketone)/Sulfonated H_2ZrO_5 -zirconium phosphate Nanocomposite membranes for proton exchange membrane fuel cells. <i>Advanced Composites and Hybrid Materials</i> , 2020, 3, 498-507.	21.1	37
113	Gas storage in renewable bioclathrates. <i>Energy and Environmental Science</i> , 2013, 6, 105-107.	30.8	36
114	Single-step One-pot Synthesis of TiO ₂ Nanosheets Doped with Sulfur on Reduced Graphene Oxide with Enhanced Photocatalytic Activity. <i>Scientific Reports</i> , 2017, 7, 46610.	3.3	36
115	The Effect of Fluorine Anions on the Luminescent Properties of Eu ³⁺ -Doped Oxyfluoride Aluminosilicate Glasses. <i>Journal of the American Ceramic Society</i> , 2010, 93, 3095-3098.	3.8	35
116	Investigation of oxygen vacancy and photoluminescence in calcium tungstate nanophosphors with different particle sizes. <i>Materials Research Bulletin</i> , 2014, 50, 36-41.	5.2	35
117	Staged epoxy/single-walled carbon nanotube nanocomposite thin films for composite reinforcement. <i>Journal of Applied Polymer Science</i> , 2009, 112, 290-298.	2.6	34
118	Immobilization of ionic liquids in H_2ZrO_5 -zirconium phosphate for catalyzing the coupling of CO ₂ and epoxides. <i>RSC Advances</i> , 2012, 2, 3810.	3.6	34
119	Layered Double Hydroxide Protective Films Developed on Aluminum and Aluminum Alloys: Synthetic Methods and Anti-Corrosion Mechanisms. <i>Coatings</i> , 2020, 10, 428.	2.6	34
120	The effect of B ₂ O ₃ on the luminescent properties of Eu ion-doped aluminoborosilicate glasses. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 2328-2331.	3.1	33
121	Electrospun poly(vinyl alcohol)/ H_2ZrO_5 -zirconium phosphate nanocomposite fibers. <i>High Performance Polymers</i> , 2013, 25, 25-32.	1.8	33
122	A Biomimetic Interface with High Adhesion, Tailorable Modulus for On-Skin Sensors, and Low-Power Actuators. <i>Chemistry of Materials</i> , 2019, 31, 8708-8716.	6.7	33
123	Stable and ultrafast lithium storage for LiFePO ₄ /C nanocomposites enabled by instantaneously carbonized acetylenic carbon-rich polymer. <i>Carbon</i> , 2019, 147, 19-26.	10.3	31
124	Single-step One-pot Synthesis of Graphene Foam/TiO ₂ Nanosheet Hybrids for Effective Water Treatment. <i>Scientific Reports</i> , 2017, 7, 43755.	3.3	30
125	Preparation, morphology, and structure of kaolinites with various aspect ratios. <i>Applied Clay Science</i> , 2017, 147, 117-122.	5.2	30
126	In situ construction of bamboo charcoal derived SiO _x embedded in hierarchical porous carbon framework as stable anode material for superior lithium storage. <i>Applied Surface Science</i> , 2020, 521, 146497.	6.1	30

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127	Near-Infrared Light-Triggered Unfolding Microneedle Patch for Minimally Invasive Treatment of Myocardial Ischemia. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 40278-40289.	8.0	30
128	Synthesis and Fabrication of Multifunctional Nanocomposites: Stable Dispersions of Nanoparticles Tethered with Short, Dense and Polydisperse Polymer Brushes in Poly(methyl methacrylate). <i>Advanced Functional Materials</i> , 2012, 22, 3614-3624.	14.9	29
129	Electrochemical Properties and Electrochromic Behaviors of the Sol-Gel Derived Tungsten Trioxide Thin Films. <i>Energy and Environment Focus</i> , 2013, 2, 112-120.	0.3	29
130	Hierarchical mesoporous SnO ₂ @C@TiO ₂ nanochains for anode material of lithium-ion batteries with excellent cycling stability. <i>Electrochimica Acta</i> , 2015, 184, 219-225.	5.2	29
131	Magnetic Polystyrene Nanocomposites Reinforced with Magnetite Nanoparticles. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 485-494.	3.6	28
132	Photoluminescent mesoporous carbon-doped silica from rice husks. <i>Materials Letters</i> , 2015, 142, 280-282.	2.6	28
133	Converting Spent Cu/Fe Layered Double Hydroxide into Cr(VI) Reductant and Porous Carbon Material. <i>Scientific Reports</i> , 2017, 7, 7277.	3.3	28
134	Highly efficient polyvinyl alcohol/montmorillonite flame retardant nanocoating for corrugated cardboard. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 662-669.	21.1	28
135	Scaled-up synthesis of defect-rich layered double hydroxide monolayers without organic species for efficient oxygen evolution reaction. <i>Green Energy and Environment</i> , 2022, 7, 975-982.	8.7	28
136	Preparation of intercalating agent-free epoxy/clay nanocomposites. <i>Polymer Engineering and Science</i> , 2007, 47, 1708-1714.	3.1	27
137	Partially cured epoxy/SWCNT thin films for the reinforcement of vacuum-assisted resin-transfer-molded composites. <i>Carbon</i> , 2010, 48, 2364-2367.	10.3	27
138	Property manipulated polypropylene-iron nanocomposites with maleic anhydride polypropylene. <i>Journal of Materials Chemistry</i> , 2012, 22, 15928.	6.7	27
139	Glass transition temperature and topological constraints of sodium borophosphate glass-forming liquids. <i>Journal of Chemical Physics</i> , 2013, 139, 124502.	3.0	27
140	Titanium functionalized 1 \pm -zirconium phosphate single layer nanosheets for photocatalyst applications. <i>RSC Advances</i> , 2015, 5, 93969-93978.	3.6	27
141	Porous polyaniline arrays oriented on functionalized carbon cloth as binder-free electrode for flexible supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2019, 848, 113348.	3.8	27
142	A Repeatable Dual-Encryption Platform from Recyclable Thermosets with Self-Healing Ability and Shape Memory Effect. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	27
143	Synthesis of silicon complexes from rice husk derived silica nanoparticles. <i>RSC Advances</i> , 2012, 2, 9036.	3.6	26
144	Bi-axially oriented polystyrene/montmorillonite nanocomposite films. <i>RSC Advances</i> , 2015, 5, 58191-58198.	3.6	26

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145	Luminescence Mechanism of Carbon-Incorporated Silica Nanoparticles Derived from Rice Husk Biomass. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 5906-5912.	3.7	26
146	Sulfonated poly(fluorene ether ketone) (SPFEK)/ β -zirconium phosphate (ZrP) nanocomposite membranes for fuel cell applications. <i>Advanced Composites and Hybrid Materials</i> , 2020, 3, 546-550.	21.1	26
147	Na ⁺ and K ⁺ -Exchanged Zirconium Phosphate (ZrP) as High-Temperature CO ₂ Adsorbents. <i>Science of Advanced Materials</i> , 2013, 5, 469-474.	0.7	26
148	Kinetics-Favorable Ultrathin NiCo-MOF Nanosheets with Boosted Pseudocapacitive Charge Storage for Quasi-Solid-State Hybrid Supercapacitors. <i>Inorganic Chemistry</i> , 2022, 61, 3866-3874.	4.0	26
149	Covalently immobilized ionic liquids on single layer nanosheets for heterogeneous catalysis applications. <i>Dalton Transactions</i> , 2017, 46, 13126-13134.	3.3	25
150	Nylon toughened epoxy/SWCNT composites. <i>Journal of Materials Science</i> , 2011, 46, 207-214.	3.7	24
151	Synthesis of rGO-Fe ₃ O ₄ -SnO ₂ -C Quaternary Hybrid Mesoporous Nanosheets as a High-performance Anode Material for Lithium Ion Batteries. <i>Electrochimica Acta</i> , 2015, 182, 715-722.	5.2	24
152	A reinforced thermal barrier coat of a Na ⁺ -tannic acid complex from the view of thermal kinetics. <i>RSC Advances</i> , 2019, 9, 10914-10926.	3.6	24
153	Polybenzoxazine Resins with Polyphosphazene Microspheres: Synthesis, Flame Retardancy, Mechanisms, and Applications. <i>ACS Omega</i> , 2019, 4, 20275-20284.	3.5	24
154	Exfoliation of β -Zirconium Phosphate Using Tetraalkylammonium Hydroxides. <i>Inorganic Chemistry</i> , 2020, 59, 7822-7829.	4.0	24
155	Smart Laser-Writable Micropatterns with Multiscale Photo/Moisture Reconstructible Structure. <i>Advanced Functional Materials</i> , 2021, 31, 2009481.	14.9	24
156	Intense Mechanoluminescence in Undoped LiGa ₅ O ₈ with Persistent and Recoverable Behaviors. <i>Advanced Optical Materials</i> , 2021, 9, 2100137.	7.3	24
157	Synthesis of green phosphors from highly active amorphous silica derived from rice husks. <i>Journal of Materials Science</i> , 2018, 53, 1824-1832.	3.7	23
158	In Situ Laminated Separator Using Nitrogen-Sulfur Codoped Two-Dimensional Carbon Material to Anchor Polysulfides for High-Performance Li-S Batteries. <i>ACS Applied Nano Materials</i> , 2018, 1, 3807-3816.	5.0	23
159	Influence of compatibilizer and carbon nanotubes on mechanical, electrical, and barrier properties of PTT/ABS blends. <i>Advanced Industrial and Engineering Polymer Research</i> , 2019, 2, 121-125.	4.7	23
160	Dynamic Optics with Transparency and Color Changes under Ambient Conditions. <i>Polymers</i> , 2019, 11, 103.	4.5	22
161	Dynamic Mechanochromic Optics with Tunable Strain Sensitivity for Strain-Responsive Digit Display. <i>Advanced Optical Materials</i> , 2020, 8, 2001472.	7.3	22
162	Methane storage in tea clathrates. <i>Chemical Communications</i> , 2014, 50, 1244-1246.	4.1	21

#	ARTICLE	IF	CITATIONS
163	Gd 3+ doping induced enhanced upconversion luminescence in Er 3+ /Yb 3+ co-doped transparent oxyfluoride glass ceramics containing NaYF 4 nanocrystals. <i>Ceramics International</i> , 2018, 44, 10055-10060.	4.8	21
164	Transparency Change Mechanochromism Based on a Robust PDMS/Hydrogel Bilayer Structure. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000446.	3.9	21
165	Synthesis of Polylactide Nanocomposites Using an Hf -Zirconium Phosphate Nanosheet-Supported Zinc Catalyst via in Situ Polymerization. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1382-1389.	4.4	20
166	Tailoring Multistimuli Responsive Micropatterns Activated by Various Mechanical Modes. <i>Advanced Functional Materials</i> , 2021, 31, 2100612.	14.9	20
167	Dual Photo- and Mechanochromisms of Graphitic Carbon Nitride/Polyvinyl Alcohol Film. <i>Advanced Functional Materials</i> , 2022, 32, 2110285.	14.9	20
168	Tunable Multicolor Emission and Energy Transfer of $\text{Sb}^{3+}/\text{Mn}^{2+}$ Codoped Phosphate Glasses by Design. <i>Journal of the American Ceramic Society</i> , 2013, 96, 2476-2480.	3.8	19
169	Effective Capture of Carbon Dioxide Using Hydrated Sodium Carbonate Powders. <i>Materials</i> , 2018, 11, 183.	2.9	19
170	A Highly Immobilized Organic Anode Material for High Performance Rechargeable Lithium Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36237-36246.	8.0	19
171	Self-assembled ZnAl-LDH/PMo12 nano-hybrids as effective catalysts on the degradation of methyl orange under room temperature and ambient pressure. <i>Applied Catalysis A: General</i> , 2018, 550, 206-213.	4.3	18
172	Fabrication of layered double hydroxide/carbon nanomaterial for heavy metals removal. <i>Applied Clay Science</i> , 2020, 199, 105867.	5.2	18
173	Artificial Single-Ion Conducting Polymer Solid Electrolyte Interphase Layer toward Highly Stable Lithium Anode. <i>ACS Applied Energy Materials</i> , 2021, 4, 862-869.	5.1	18
174	A study of the polymerization of styrene initiated by THF -GIC system. <i>European Polymer Journal</i> , 2006, 42, 259-264.	5.4	17
175	Ex Situ Solvent-Assisted Preparation of Magnetic Poly(propylene) Nanocomposites Filled with Fe@FeO Nanoparticles. <i>Macromolecular Materials and Engineering</i> , 2011, 296, 850-857.	3.6	17
176	Intercalated polyfluorinated Pd complexes in Hf -zirconium phosphate for Sonogashira and Heck reactions. <i>RSC Advances</i> , 2014, 4, 27329-27336.	3.6	17
177	Preparation and Characterization of Silica Aerogel Microspheres. <i>Materials</i> , 2017, 10, 435.	2.9	17
178	Gold nanoparticles immobilized on single-layer Hf -zirconium phosphate nanosheets as a highly effective heterogeneous catalyst. <i>Advanced Composites and Hybrid Materials</i> , 2019, 2, 520-529.	21.1	17
179	Hierarchical double-shelled frameworks of polyaniline@N-doped porous carbon for supercapacitors. <i>Applied Surface Science</i> , 2019, 486, 490-498.	6.1	17
180	Biomimetic Boroxine-Based Multifunctional Thermosets via One-Pot Synthesis. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56445-56453.	8.0	17

#	ARTICLE	IF	CITATIONS
181	Heavy duty piezoresistivity induced strain sensing natural rubber/carbon black nanocomposites reinforced with different carbon nanofillers. <i>Materials Research Express</i> , 2014, 1, 035029.	1.6	16
182	Synthesis and colour prediction of stable pigments from rice husk biomass. <i>Green Materials</i> , 2015, 3, 10-14.	2.1	16
183	Simple and low price of monodispersed rice-like Fe ₂ O ₃ supported by modified bamboo charcoal with enhanced lithium storage. <i>Journal of Electroanalytical Chemistry</i> , 2018, 816, 114-122.	3.8	16
184	Acid-Assisted Strategy Combined with KOH Activation to Efficiently Optimize Carbon Architectures from Green Copolymer Adhesive for Solid-State Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14838-14846.	6.7	16
185	Heteropolyacid Salt Catalysts for Methanol Conversion to Hydrocarbons and Dimethyl Ether: Effect of Reaction Temperature. <i>Catalysts</i> , 2019, 9, 320.	3.5	16
186	Spontaneous formation of wrinkle-driven tubular structure as a versatile platform for adaptive 3D stretchable electronics. <i>Materials Horizons</i> , 2020, 7, 2368-2377.	12.2	16
187	Poly(acrylamide-co-acrylic acid)/chitosan semi-interpenetrating hydrogel for pressure sensor and controlled drug release. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3050-3058.	3.2	16
188	Leather-Based Multi-Stimuli Responsive Chromisms. <i>Advanced Functional Materials</i> , 2021, 31, 2104427.	14.9	16
189	Size/morphology induced tunable luminescence in upconversion crystals: ultra-strong single-band emission and underlying mechanisms. <i>Nanoscale</i> , 2015, 7, 9552-9557.	5.6	15
190	Mechanical Structural Investigation of Chemical Strengthening Aluminosilicate Glass through Introducing Phosphorus Pentoxide. <i>Frontiers in Materials</i> , 2016, 3, .	2.4	15
191	Coassembled ionic liquid/laponite hybrids as effective CO ₂ adsorbents. <i>Journal of Energy Chemistry</i> , 2017, 26, 1026-1029.	12.9	15
192	Chlorides Entrapment Capability of Various In-Situ Grown NiAl-LDHs: Structural and Corrosion Resistance Properties. <i>Coatings</i> , 2020, 10, 384.	2.6	15
193	An environmentally-friendly sandwich-like structured nanocoating system for wash durable, flame retardant, and hydrophobic cotton fabrics. <i>Cellulose</i> , 2021, 28, 10277-10289.	4.9	15
194	Cellulose based flexible and wearable sensors for health monitoring. <i>Materials Advances</i> , 2022, 3, 3766-3783.	5.4	15
195	Novel Sb ³⁺ /Eu ³⁺ Co-doped phosphate luminescent glasses with adjustable emission. <i>Journal of Alloys and Compounds</i> , 2014, 590, 92-95.	5.5	14
196	Rheological, Thermal, and Degradation Properties of PLA/PPG Blends. <i>Materials</i> , 2019, 12, 3519.	2.9	14
197	Polydiacetylene-Na ⁺ Nanoribbons for Naked Eye Detection of Hydrogen Chloride Gas. <i>ACS Applied Nano Materials</i> , 2022, 5, 4146-4156.	5.0	14
198	Preparation of Electrically Conductive Polystyrene/Carbon Nanofiber Nanocomposite Films. <i>Journal of Chemical Education</i> , 2008, 85, 1105.	2.3	13

#	ARTICLE	IF	CITATIONS
199	The Microwave-Assisted Green Synthesis of TiC Powders. <i>Materials</i> , 2016, 9, 904.	2.9	13
200	Superhydrophobic Methylated Silica Sol for Effective Oil/Water Separation. <i>Materials</i> , 2020, 13, 842.	2.9	13
201	Antistatic packaging based on PTT/PTT-g-MA/ABS/MWCNT nanocomposites: Effect of the chemical functionalization of MWCNTs. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50005.	2.6	13
202	Self-assembled Intumescent Flame Retardant Coatings: Influence of pH on the Flammability of Cotton Fabrics. <i>Engineered Science</i> , 2020, , .	2.3	13
203	Dynamic multifunctional devices enabled by ultrathin metal nanocoatings with optical/photothermal and morphological versatility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	13
204	Study on Thermal Decomposition Behaviors of Terpolymers of Carbon Dioxide, Propylene Oxide, and Cyclohexene Oxide. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3723.	4.1	12
205	Ultra-transparent nanostructured coatings via flow-induced one-step coassembly. <i>Nano Materials Science</i> , 2022, 4, 97-103.	8.8	12
206	Significant enhancement of visible up-conversion emissions of Y ₂ O ₃ :Er ³⁺ phosphors by Mn ²⁺ sensitizing under 1550 nm excitation. <i>RSC Advances</i> , 2014, 4, 16710-16715.	3.6	11
207	Tunable upconversion emission in Er ³⁺ /Yb ³⁺ co-doped oxyfluoride glass ceramics containing NaYF ₄ nanocrystals by the incorporation of Li ⁺ ions. <i>Journal of Luminescence</i> , 2019, 214, 116524.	3.1	11
208	Synthesis of VTMS(X)-HMS-3 mesoporous ordered silica for hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 2736-2741.	7.1	10
209	Direct growth of layered intercalation compounds via single step one-pot in situ synthesis. <i>Chemical Communications</i> , 2015, 51, 11398-11400.	4.1	10
210	Synthesis of novel cone-shaped CaAl-LDH directly on aluminum alloy by a facile urea hydrolysis method. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	10
211	Complexing Agent Directed Growth of Zr ⁴⁺ -Zirconium Phosphate-Based Hexagonal Prisms. <i>Inorganic Chemistry</i> , 2020, 59, 1204-1210.	4.0	10
212	Facile synthesis of photoluminescent mesoporous silica. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 815-818.	21.1	10
213	Super Stretchable and Compressible Hydrogels Inspired by Hook-and-Loop Fasteners. <i>Langmuir</i> , 2021, 37, 7760-7770.	3.5	10
214	Biodegradable Copolymers from CO ₂ , Epoxides, and Anhydrides Catalyzed by Organoborane/Tertiary Amine Pairs: High Selectivity and Productivity. <i>Macromolecules</i> , 2022, 55, 6120-6130.	4.8	10
215	Elucidating the role of AlO ₆ octahedra in aluminum silicophosphate glasses through topological constraint theory. <i>Journal of the American Ceramic Society</i> , 2017, 100, 1395-1401.	3.8	9
216	Structure-Dependent Spectroscopic Properties of Yb ³⁺ -Doped Phosphosilicate Glasses Modified by SiO ₂ . <i>Materials</i> , 2017, 10, 241.	2.9	9

#	ARTICLE	IF	CITATIONS
217	An efficient method to prepare aluminosilicate nanoscrolls under mild conditions. <i>Chemical Communications</i> , 2021, 57, 789-792.	4.1	9
218	Tailoring Defects in Photocatalysts by Engineering Solvent Interactions for Highly Active and Responsive Color Switching. <i>Advanced Optical Materials</i> , 2021, 9, 2101115.	7.3	9
219	Controlled growth and up-conversion luminescence of Y ₂ O ₃ :Er ³⁺ phosphor with the addition of Bi ₂ O ₃ . <i>RSC Advances</i> , 2012, 2, 9660.	3.6	8
220	Vielfältige Nanostrukturen aus Reishalmsen-Biomasse für Energieanwendungen. <i>Angewandte Chemie</i> , 2018, 130, 13914-13927.	2.0	8
221	Is superparelectric 2-dimensional Sn ₂ P ₂ S ₆ having a higher dielectric constant desirable for more real Na ⁺ pseudocapacitance?. <i>Nano Energy</i> , 2019, 61, 462-470.	16.0	8
222	Gelation Based on Host-Guest Interactions Induced by Multi-Functionalized Nanosheets. <i>Gels</i> , 2021, 7, 106.	4.5	8
223	Doctor-Blade-Assisted Casting for Forming Thin Composite Coatings of Montmorillonite and Poly(vinyl alcohol). <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 3766-3774.	3.7	8
224	Facile one-step and high-yield synthesis of few-layered and hierarchically porous boron nitride nanosheets. <i>RSC Advances</i> , 2016, 6, 45402-45409.	3.6	7
225	Design and Fabrication of Highly Photoluminescent Carbon-Incorporated Silica from Rice Husk Biomass. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 4688-4694.	3.7	7
226	Hierarchically porous carbon microfibers for solid-state supercapacitors. <i>Journal of Materials Science</i> , 2020, 55, 5510-5521.	3.7	7
227	Polyolefin films with outstanding barrier properties based on one-step coassembled nanocoatings. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1067-1077.	21.1	7
228	Scalable self-assembly interfacial engineering for high-temperature dielectric energy storage. <i>IScience</i> , 2022, 25, 104601.	4.1	7
229	Tunable Blue Emission from Ta ⁵⁺ Doped Sulfophosphate Glass-Ceramics. <i>Journal of the American Ceramic Society</i> , 2012, 95, 2206-2210.	3.8	6
230	Preparation and luminescent properties of Mn ²⁺ doped glass and glass-ceramics containing LiZnPO ₄ nanocrystals. <i>Journal of Non-Crystalline Solids</i> , 2014, 383, 165-168.	3.1	6
231	In situ synthesis of polyelectrolyte/layered double hydroxide intercalation compounds. <i>Journal of Materials Science</i> , 2017, 52, 6647-6655.	3.7	6
232	Lignocellulose aerogel and amorphous silica nanoparticles from rice husks. <i>Journal of Leather Science and Engineering</i> , 2021, 3, .	6.0	6
233	One-step Coassembled Nanocoatings on Paper for Potential Packaging Applications. <i>ES Materials & Manufacturing</i> , 2021, , .	1.9	6
234	A modified accelerating rate calorimeter (ARC [®]) with capabilities for handling gaseous samples under vacuum or an inert atmosphere. <i>Journal of Fluorine Chemistry</i> , 2006, 127, 1436-1439.	1.7	5

#	ARTICLE	IF	CITATIONS
235	Dry hydrated potassium carbonate for effective CO ₂ capture. Dalton Transactions, 2020, 49, 3965-3969.	3.3	5
236	Exfoliation of Nanosized $\hat{\pm}$ -Zirconium Phosphate in Methanol. Inorganic Chemistry, 2021, 60, 8276-8284.	4.0	5
237	Facile One-pot Synthesis of Silver Nanoparticles Supported on $\hat{\pm}$ -Zirconium Phosphate Single-Layer Nanosheets. ES Materials & Manufacturing, 2019, , .	1.9	5
238	Manipulating the dimensional assembly pattern and crystalline structures of iron oxide nanostructures with a functional polyolefin. Nanoscale, 2016, 8, 1915-1920.	5.6	4
239	Tailoring the Growth of Nanosized $\hat{\pm}$ -Zirconium Phosphate. Inorganic Chemistry, 2022, 61, 2057-2065.	4.0	4
240	Assembly of exfoliated $\hat{\pm}$ -Zirconium phosphate nanosheets: Mechanisms and versatile applications. Aggregate, 2022, 3, .	9.9	4
241	Spin Coating for Forming Thin Composite Coatings of Montmorillonite and Poly(vinyl alcohol). Industrial & Engineering Chemistry Research, 2022, 61, 4168-4177.	3.7	4
242	Converting Complex Sewage Containing Oil, Silt, and Bacteria into Clean Water by a 3D Printed Multiscale and Multifunctional Filter. ACS Applied Bio Materials, 2021, 4, 8509-8521.	4.6	4
243	A Preliminary Study on Rice Husk Filled Polypropylene Composite. Materials Research Society Symposia Proceedings, 2000, 661, KK5.14.1.	0.1	3
244	Preparation and Properties of Exfoliated Graphite/Polystyrene Composite. Materials Research Society Symposia Proceedings, 2000, 661, KK5.3.1.	0.1	3
245	Wrinkling Devices: Moisture-Responsive Wrinkling Surfaces with Tunable Dynamics (Adv. Mater.) Tj ETQq1 1 0.784314 rgBj /Overlock 21.0	21.0	3
246	Preparation of Polyacrylate Hollow Microspheres via Facile Spray Drying. Applied Sciences (Switzerland), 2019, 9, 228.	2.5	3
247	A life in crystallography. Dalton Transactions, 2020, 49, 3914-3916.	3.3	3
248	Practical SERS method for assessment of the washing durability of textiles containing silver nanoparticles. Analytical Methods, 2020, 12, 1186-1196.	2.7	2
249	Chemical strengthening of Li ⁺ -containing phosphosilicate glass via a two-step ion-exchange process. Journal of the Australian Ceramic Society, 2021, 57, 1285-1290.	1.9	2
250	Enhancing corona resistance in Kapton with self-assembled two-dimensional montmorillonite nanocoatings. Materials Advances, 2022, 3, 3853-3861.	5.4	2
251	The Synthesis of Silicon-containing Polyester Directly from SiO ₂ and Characterization of Its Structure. Materials Research Society Symposia Proceedings, 2000, 661, KK8.16.1.	0.1	1
252	A superior nanolaminate dielectric barrier coating for high breakdown strength. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
253	Reviving the "Schottky" Barrier for Flexible Polymer Dielectrics with a Superior 2D Nanoassembly Coating (Adv. Mater. 34/2021). Advanced Materials, 2021, 33, 2170264.	21.0	1
254	Conductive Chitosan Nonwoven Fabrics by Electroless Plating with Excellent Laundering Durability for Wearable Electronics. Journal of Natural Fibers, 2022, 19, 14855-14865.	3.1	1
255	High Thermal Conductivity Shape-Stabilized Phase Change Materials. Materials Research Society Symposia Proceedings, 2000, 661, KK8.12.1.	0.1	0
256	Modifier constraint in alkali borophosphate glasses using topological constraint theory. Physica B: Condensed Matter, 2016, 502, 88-92.	2.7	0
257	A facile strategy for the preparation of end-capped and cross-linkable poly(propylene carbonate) with high performance. Advanced Industrial and Engineering Polymer Research, 2019, 2, 161-166.	4.7	0
258	Can Material Found In Nature Provide Effective Treatments For Acid Drainage?. , 2018, , .		0
259	High N ₂ uptake by MgFeOx-C nano-hybrid for under high temperature and ambient pressure. Sustainable Materials and Technologies, 2022, 31, e00361.	3.3	0
260	Self-assembly 2D Montmorillonite Coating to Impede Charge Injection to Polystyrene. , 2021, , .		0