

Youhong Tang

List of Publications by Year in descending order

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274
papers

14,580
citations

41344

49
h-index

21540

114
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309
all docs

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docs citations

309
times ranked

19726
citing authors

#	ARTICLE	IF	CITATIONS
1	On mechanical properties of nanocomposite hydrogels: Searching for superior properties. <i>Nano Materials Science</i> , 2022, 4, 83-96.	8.8	25
2	Crystal Growth, Optical Properties, and Photocatalytic Performances of ZnO@CuAl ₂ O ₄ Hybrid Compounds: Theoretical and Experimental Studies. <i>Crystal Research and Technology</i> , 2022, 57, 2100128.	1.3	2
3	Hyperbranched polymers tune the physicochemical, mechanical, and biomedical properties of alginate hydrogels. <i>Materials Today Chemistry</i> , 2022, 23, 100656.	3.5	10
4	Applying Raman imaging to capture and identify microplastics and nanoplastics in the garden. <i>Journal of Hazardous Materials</i> , 2022, 426, 127788.	12.4	11
5	Nondestructive Damage Detection of Epoxy/Synthetic Fiber Braided Composites. , 2022, , 1-23.		0
6	Characterising microplastics in shower wastewater with Raman imaging. <i>Science of the Total Environment</i> , 2022, 811, 152409.	8.0	14
7	Surface roughness effects on a tensioned riser vortex-induced vibration in the uniform current. <i>Applied Ocean Research</i> , 2022, 118, 102970.	4.1	5
8	Amplification of Activated Near-Infrared Afterglow Luminescence by Introducing Twisted Molecular Geometry for Understanding Neutrophil-Involved Diseases. <i>Journal of the American Chemical Society</i> , 2022, 144, 3429-3441.	13.7	91
9	Strategies in boosting photosensitization for biomedical applications. <i>Science China Chemistry</i> , 2022, 65, 647-649.	8.2	16
10	Vortex fluidic induced mass transfer across immiscible phases. <i>Chemical Science</i> , 2022, 13, 3375-3385.	7.4	15
11	Raman imaging of microplastics and nanoplastics generated by cutting PVC pipe. <i>Environmental Pollution</i> , 2022, 298, 118857.	7.5	16
12	Collecting microplastics in gardens: Case study (ii) from ropes. <i>Environmental Technology and Innovation</i> , 2022, 26, 102322.	6.1	1
13	Developing Novel Fabrication and Optimisation Strategies on Aggregation-Induced Emission Nanoprobe/Polyvinyl Alcohol Hydrogels for Bio-Applications. <i>Molecules</i> , 2022, 27, 1002.	3.8	2
14	Molecular Crystal Engineering of Organic Chromophores for NIR-II Fluorescence Quantification of Cerebrovascular Function. <i>ACS Nano</i> , 2022, 16, 3323-3331.	14.6	12
15	Visualising the Emerging Platform of Using Microalgae as a Sustainable Bio-Factory for Healthy Lipid Production through Biocompatible AIE Probes. <i>Biosensors</i> , 2022, 12, 208.	4.7	4
16	Konjac Glucomannan Induced Retarding Effects on the Early Hydration of Cement. <i>Polymers</i> , 2022, 14, 1064.	4.5	3
17	Assessment of microplastics and nanoplastics released from a chopping board using Raman imaging in combination with three algorithms. <i>Journal of Hazardous Materials</i> , 2022, 431, 128636.	12.4	13
18	Inorganic-organic hybrid materials to detect urinary biomarkers: recent progress and future prospects. <i>Materials Chemistry Frontiers</i> , 2022, 6, 2011-2033.	5.9	3

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19	Breathable, Moisturizing, Anti-Oxidation SSD-PG-PVA/KGM Fibrous Membranes for Accelerating Diabetic Wound Tissue Regeneration. <i>ACS Applied Bio Materials</i> , 2022, 5, 2894-2901.	4.6	7
20	Materials Selection for Antifouling Systems in Marine Structures. <i>Molecules</i> , 2022, 27, 3408.	3.8	8
21	Brush-like Polymer Prodrug with Aggregation-Induced Emission Features for Precise Intracellular Drug Tracking. <i>Biosensors</i> , 2022, 12, 373.	4.7	3
22	Developing a fluorescent sensing based portable medical open-platform - a case study for albuminuria measurement in chronic kidney disease screening and monitoring. <i>Sensing and Bio-Sensing Research</i> , 2022, 37, 100504.	4.2	8
23	Interrogating amyloid aggregation with aggregation-induced emission fluorescence probes. <i>Biomaterials</i> , 2022, 286, 121605.	11.4	15
24	Density functional theory study of perfluorooctane sulfonate adsorption on fluorinated graphene. <i>Surface Innovations</i> , 2021, 9, 149-155.	2.3	3
25	Understanding the lipid production mechanism in <i>Euglena gracilis</i> with a fast-response AIEgen bioprobe, DPAS. <i>Materials Chemistry Frontiers</i> , 2021, 5, 268-283.	5.9	11
26	A two-in-one Janus NIR-II AIEgen with balanced absorption and emission for image-guided precision surgery. <i>Materials Today Bio</i> , 2021, 10, 100087.	5.5	17
27	Aggregation-induced Emission Fluorogen as Mammalian Cell Cytoplasmic Tracker with Long Retention Time and High Photo-stability. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 110-115.	2.6	3
28	Hydrogel-derived luminescent scaffolds for biomedical applications. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3524-3548.	5.9	12
29	Analysis of architecture and performance of three-dimensional braided composites. , 2021, , 611-635.		1
30	Introduction to Luminogenic bioprobes for personal health technologies. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6292-6293.	5.9	2
31	Design and optimization of multi-scale porous sandwich composites with excellent sound absorption and cushioning properties. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 4276-4293.	3.5	5
32	Revisiting an ancient inorganic aggregation-induced emission system: An enlightenment to clusteroluminescence. <i>Aggregate</i> , 2021, 2, e36.	9.9	40
33	Aggregation-Induced Emission Fluorescent Gels: Current Trends and Future Perspectives. <i>Topics in Current Chemistry</i> , 2021, 379, 9.	5.8	12
34	AIEgen-enhanced protein imaging: Probe design and sensing mechanisms. <i>Aggregate</i> , 2021, 2, e41.	9.9	26
35	Surface roughness effect on cylinder vortex-induced vibration at moderate Re regimes. <i>Ocean Engineering</i> , 2021, 224, 108690.	4.3	22
36	Mechanical Properties of a Supramolecular Nanocomposite Hydrogel Containing Hydroxyl Groups Enriched Hyper-Branched Polymers. <i>Polymers</i> , 2021, 13, 805.	4.5	8

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37	Red fluorescent carbon dots for tetracycline antibiotics and pH discrimination from aggregation-induced emission mechanism. <i>Sensors and Actuators B: Chemical</i> , 2021, 332, 129513.	7.8	79
38	Detection of Urinary Albumin Using a "Turn-Off" Fluorescent Probe with Aggregation-Induced Emission Characteristics. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1245-1252.	3.3	33
39	Enlarging the Reservoir: High Absorption Coefficient Dyes Enable Synergetic Near Infrared-Fluorescence Imaging and Near Infrared-Photothermal Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2102213.	14.9	47
40	Porous network carbon nanotubes/chitosan 3D printed composites based on ball milling for electromagnetic shielding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 145, 106363.	7.6	45
41	Continuous and scalable manufacture of aggregation induced emission luminogen fibers for anti-counterfeiting and hazardous gas detecting smart textiles. <i>Materials and Design</i> , 2021, 205, 109761.	7.0	15
42	Mussel Inspired Modification of Rubber Crumbs for Improved Interfacial Adhesion in Rubber Cement Mortar. <i>Applied Composite Materials</i> , 2021, 28, 1767-1780.	2.5	3
43	In Situ Monitored Vortex Fluidic-Mediated Protein Refolding/Unfolding Using an Aggregation-Induced Emission Bioprobe. <i>Molecules</i> , 2021, 26, 4273.	3.8	3
44	Interactions between stearic acid and calcite surfaces: Experimental and computer simulation studies. <i>Biosurface and Biotribology</i> , 2021, 7, 126-132.	1.5	0
45	Optical-Based Biosensors and Their Portable Healthcare Devices for Detecting and Monitoring Biomarkers in Body Fluids. <i>Diagnostics</i> , 2021, 11, 1285.	2.6	12
46	Adsorption and dissociation behavior of water on pristine and defected calcite {1 0 4} surfaces: A DFT study. <i>Applied Surface Science</i> , 2021, 556, 149777.	6.1	22
47	Simulation Guided Hand-Driven Portable Triboelectric Nanogenerator: Design, Optimisation, and Evaluation. <i>Micromachines</i> , 2021, 12, 955.	2.9	4
48	Microalgae-Derived Health Supplements to Therapeutic Shifts: Redox-Based Study Opportunities with AI-Based Technologies. <i>Advanced Healthcare Materials</i> , 2021, , 2101223.	7.6	3
49	Exploring adsorption mechanism of glyphosate on pristine and elemental doped graphene. <i>Chemical Physics Letters</i> , 2021, 779, 138849.	2.6	6
50	Capture and characterisation of microplastics printed on paper via laser printer's toners. <i>Chemosphere</i> , 2021, 281, 130864.	8.2	13
51	Collecting Microplastics in Gardens: Case Study (i) of Soil. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	10
52	Interface design of carbon filler/polymer composites for electromagnetic interference shielding. <i>New Journal of Chemistry</i> , 2021, 45, 8370-8385.	2.8	10
53	Upsized Vortex Fluidic Device Enhancement of Mechanical Properties and the Microstructure of Biomass-Based Biodegradable Films. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14588-14595.	6.7	8
54	Aggregation-induced emission luminogens for lipid droplet imaging. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 184, 101-144.	1.7	3

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55	Strain engineering of selective chemical adsorption on monolayer black phosphorous. <i>Applied Surface Science</i> , 2020, 503, 144033.	6.1	25
56	Design and Development of Highly Efficient Light-Emitting Layers in OLEDs with Dimesitylboranes: An Updated Review. <i>Chemical Record</i> , 2020, 20, 556-569.	5.8	16
57	Durable piezoelectric shell structures for energy scavenging applications. <i>Acta Mechanica</i> , 2020, 231, 205-220.	2.1	1
58	Understanding vortex-induced vibration characteristics of a long flexible marine riser by a bidirectional fluid-structure coupling method. <i>Journal of Marine Science and Technology</i> , 2020, 25, 620-639.	2.9	13
59	Tuning aggregation-induced emission nanoparticle properties under thin film formation. <i>Materials Chemistry Frontiers</i> , 2020, 4, 537-545.	5.9	21
60	Revealing Principles for Design of Lean-Electrolyte Lithium Metal Anode via In Situ Spectroscopy. <i>Journal of the American Chemical Society</i> , 2020, 142, 2012-2022.	13.7	142
61	Image-guided morphological measurement for the circumferential residual strains in aortic arch of rabbit. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
62	Strain induced variation of PFOS adsorption on pristine and defected phosphorene: A DFT study. <i>Applied Surface Science</i> , 2020, 532, 147452.	6.1	7
63	Short Beam Shear Behavior and Failure Characterization of Hybrid 3D Braided Composites Structure with X-ray Micro-Computed Tomography. <i>Polymers</i> , 2020, 12, 1931.	4.5	7
64	Tuning Surface Morphology of Fluorescent Hydrogels Using a Vortex Fluidic Device. <i>Molecules</i> , 2020, 25, 3445.	3.8	4
65	Explicit Time-Domain Approach for Random Vibration Analysis of Jacket Platforms Subjected to Wave Loads. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 1001.	2.6	2
66	Carbon fiber composite multistrand helical springs with adjustable spring constant: design and mechanism studies. <i>Journal of Materials Research and Technology</i> , 2020, 9, 5067-5076.	5.8	16
67	Artificial intelligence enhanced mathematical modeling on rotary triboelectric nanogenerators under various kinematic and geometric conditions. <i>Nano Energy</i> , 2020, 75, 104993.	16.0	24
68	Vortex fluidic enabling and significantly boosting light intensity of graphene oxide with aggregation induced emission luminogen. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2126-2130.	5.9	8
69	Identification and visualisation of microplastics/ nanoplastics by Raman imaging (ii): Smaller than the diffraction limit of laser?. <i>Water Research</i> , 2020, 183, 116046.	11.3	78
70	Polydopamine/silver hybrid coatings on soda-lime glass spheres with controllable release ability for inhibiting biofilm formation. <i>Science China Materials</i> , 2020, 63, 842-850.	6.3	10
71	Microplastics generated when opening plastic packaging. <i>Scientific Reports</i> , 2020, 10, 4841.	3.3	171
72	Shape Tuning and Size Prediction of Millimeter-Scale Calcium-Alginate Capsules with Aqueous Core. <i>Polymers</i> , 2020, 12, 688.	4.5	12

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73	Intramolecular motion-associated biomaterials for image-guided cancer surgery. <i>Smart Materials in Medicine</i> , 2020, 1, 24-31.	6.7	3
74	Detection of biomarkers in body fluids using bioprobes based on aggregation-induced emission fluorogens. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2548-2570.	5.9	27
75	Vortex-Induced Vibration of a Marine Riser: Numerical Simulation and Mechanism Understanding. , 2020, , .		0
76	Synthetic fluorescent probes to apprehend calcium signalling in lipid droplet accumulation in microalgae—an updated review. <i>Science China Chemistry</i> , 2020, 63, 308-324.	8.2	5
77	Konjac glucomannan/polyvinyl alcohol nanofibers with enhanced skin healing properties by improving fibrinogen adsorption. <i>Materials Science and Engineering C</i> , 2020, 110, 110718.	7.3	18
78	A hyper-branched polymer tunes the size and enhances the fluorescent properties of aggregation-induced emission nanoparticles. <i>Nanoscale Advances</i> , 2020, 2, 633-641.	4.6	9
79	Regulating the effect of element doping on the CO ₂ capture performance of kaolinite: A density functional theory study. <i>Applied Surface Science</i> , 2020, 512, 145642.	6.1	15
80	Chitosan/graphene complex membrane for polymer electrolyte membrane fuel cell: A molecular dynamics simulation study. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 25960-25969.	7.1	15
81	Dual Photoluminescence Emission Carbon Dots for Ratiometric Fluorescent GSH Sensing and Cancer Cell Recognition. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18250-18257.	8.0	118
82	Vortex fluidic mediated one-step fabrication of polyvinyl alcohol hydrogel films with tunable surface morphologies and enhanced self-healing properties. <i>Science China Materials</i> , 2020, 63, 1310-1317.	6.3	9
83	Illustrating hybrid effect and damage evolution of carbon/aramid braided composite under low-velocity impact. <i>Composite Structures</i> , 2020, 245, 112372.	5.8	17
84	Semi-quantitative evaluation of seafood spoilage using filter-paper strips loaded with an aggregation-induced emission luminogen. <i>Food Chemistry</i> , 2020, 327, 127056.	8.2	20
85	Natural-based Hydrogels: A Journey from Simple to Smart Networks for Medical Examination. <i>Current Medicinal Chemistry</i> , 2020, 27, 2704-2733.	2.4	13
86	Shock absorption properties of synthetic sports surfaces: A review. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2954-2967.	3.2	1
87	AI Egen quantitatively monitoring the release of Ca ²⁺ during swelling and degradation process in alginate hydrogels. <i>Materials Science and Engineering C</i> , 2019, 104, 109951.	7.3	17
88	AI Egens in cell-based multiplex fluorescence imaging. <i>Science China Chemistry</i> , 2019, 62, 1312-1332.	8.2	39
89	Atomistic understanding of interfacial interactions between bone morphogenetic protein-7 and graphene with different oxidation degrees. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1900-1908.	5.9	4
90	Multi-directional functionally graded materials for enhancing the durability of shell structures. <i>International Journal of Pressure Vessels and Piping</i> , 2019, 175, 103926.	2.6	15

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91	Temperature effects on structural integrity of fiber-reinforced polymer matrix composites: A review. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48206.	2.6	10
92	Porous graphene oxide/chitosan nanocomposites based on interfacial chemical interactions. <i>European Polymer Journal</i> , 2019, 119, 114-119.	5.4	22
93	Simulation of high-output and lightweight sliding-mode triboelectric nanogenerators. <i>Nano Energy</i> , 2019, 66, 104115.	16.0	19
94	Live Imaging and Quantitation of Lipid Droplets and Mitochondrial Membrane Potential Changes with Aggregation-Induced Emission Luminogens in an in Vitro Model of Liver Steatosis. <i>ChemBioChem</i> , 2019, 20, 1256-1259.	2.6	14
95	Aggregated-fluorescent detection of PFAS with a simple chip. <i>Analytical Methods</i> , 2019, 11, 163-170.	2.7	27
96	Bacterial cellulose production, properties and applications with different culture methods – A review. <i>Carbohydrate Polymers</i> , 2019, 219, 63-76.	10.2	444
97	High-performance polyphenylene sulfide composites with ultra-high content of glass fiber fabrics. <i>Composites Part B: Engineering</i> , 2019, 174, 106790.	12.0	49
98	Enlightening Freeze-Thaw Process of Physically Cross-Linked Poly(vinyl alcohol) Hydrogels by Aggregation-Induced Emission Fluorogens. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1390-1398.	4.4	36
99	Nanoparticle-enhanced bamboo-like tubular nanofibers for active capture of particulate matter. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1216-1223.	2.3	3
100	Thermal analysis and electro-elastic response of multilayered spherical vessels. <i>International Journal of Pressure Vessels and Piping</i> , 2019, 171, 194-206.	2.6	4
101	Effects of Various Antifouling Coatings and Fouling on Marine Sonar Performance. <i>Polymers</i> , 2019, 11, 663.	4.5	13
102	Aggregation-induced emission lights up the swelling process: a new technique for swelling characterisation of hydrogels. <i>Materials Chemistry Frontiers</i> , 2019, 3, 664-667.	5.9	25
103	Hybrid polyurethane and silane sized carbon fibre/epoxy composites with enhanced impact resistance. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 118, 49-56.	7.6	39
104	Turbo thin film continuous flow production of biodiesel from fungal biomass. <i>Bioresource Technology</i> , 2019, 273, 431-438.	9.6	14
105	In vivo Visualization of the Process of Hg 2+ Bioaccumulation in Water Flea <i>Daphnia carinata</i> by a Novel Aggregation-Induced Emission Fluorogen. <i>Chemistry - an Asian Journal</i> , 2019, 14, 796-801.	3.3	9
106	Understanding interfacial interactions of polydopamine and glass fiber and their enhancement mechanisms in epoxy-based laminates. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 116, 62-71.	7.6	45
107	Dynamic mechanism of phase differences in One-degree-of-freedom vortex-induced vibration of a cylindrical structure. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2019, 233, 80-92.	0.5	3
108	Application of Aggregation-Induced Emission Fluorogens for Detection and Quantification of Toxic Chemicals in Small Aquatic Organisms. , 2019, , 317-334.		1

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109	Polydopamine as sizing on carbon fiber surfaces for enhancement of epoxy laminated composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 107, 626-632.	7.6	72
110	Design functionally graded rotating disks under thermoelastic loads: Weight optimization. <i>International Journal of Pressure Vessels and Piping</i> , 2018, 161, 33-40.	2.6	36
111	Photocatalytic and antibacterial properties of copper hydroxyphosphate with hierarchical superstructures synthesized by a hydrothermal method. <i>Materials Chemistry and Physics</i> , 2018, 206, 130-135.	4.0	7
112	A smartphone-based point-of-care quantitative urinalysis device for chronic kidney disease patients. <i>Journal of Network and Computer Applications</i> , 2018, 115, 59-69.	9.1	21
113	Adsorption behavior of CO ₂ on pristine and doped phosphorenes: A dispersion corrected DFT study. <i>Journal of CO₂ Utilization</i> , 2018, 24, 463-470.	6.8	39
114	Material selection and manufacturing of riblets for drag reduction: An updated review. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2018, 232, 610-622.	1.1	5
115	Doped phosphorene for hydrogen capture: A DFT study. <i>Applied Surface Science</i> , 2018, 433, 249-255.	6.1	48
116	Rendezvous Path Planning for Multiple Autonomous Marine Vehicles. <i>IEEE Journal of Oceanic Engineering</i> , 2018, 43, 640-664.	3.8	25
117	Crosslinked carbon nanofiber films with hierarchical pores as flexible electrodes for high performance supercapacitors. <i>Materials and Design</i> , 2018, 141, 17-25.	7.0	21
118	Continuous flow biodiesel production from wet microalgae using a hybrid thin film microfluidic platform. <i>Chemical Communications</i> , 2018, 54, 12085-12088.	4.1	15
119	Recognition of Damage Modes and Hilbert-Huang Transform Analyses of 3D Braided Composites. <i>Journal of Composites Science</i> , 2018, 2, 65.	3.0	5
120	Novel Bacterial Cellulose-Poly (Acrylic Acid) Hybrid Hydrogels with Controllable Antimicrobial Ability as Dressings for Chronic Wounds. <i>Polymers</i> , 2018, 10, 1323.	4.5	35
121	Numerical simulation of super upper branch of a cylindrical structure with a low mass ratio. <i>Ocean Engineering</i> , 2018, 168, 108-120.	4.3	23
122	Maternal infection during pregnancy and type 1 diabetes mellitus in offspring: a systematic review and meta-analysis. <i>Epidemiology and Infection</i> , 2018, 146, 2131-2138.	2.1	15
123	Multiplexed imaging detection of live cell intracellular changes in early apoptosis with aggregation-induced emission fluorogens. <i>Science China Chemistry</i> , 2018, 61, 892-897.	8.2	29
124	Metal-doped graphitic carbon nitride (g-C ₃ N ₄) as selective NO ₂ sensors: A first-principles study. <i>Applied Surface Science</i> , 2018, 455, 1116-1122.	6.1	71
125	Vortex fluidic mediated direct transesterification of wet microalgae biomass to biodiesel. <i>Bioresource Technology</i> , 2018, 266, 488-497.	9.6	27
126	Cost-Effective Double-Layer Hydrogel Composites for Wound Dressing Applications. <i>Polymers</i> , 2018, 10, 305.	4.5	39

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127	Novel Bacterial Cellulose/Gelatin Hydrogels as 3D Scaffolds for Tumor Cell Culture. <i>Polymers</i> , 2018, 10, 581.	4.5	43
128	On the qualitative dynamics of rotating disks: Thermal shocks and structural integrity. <i>International Journal of Pressure Vessels and Piping</i> , 2018, 166, 35-47.	2.6	9
129	Reduced recombination and low-resistive transport of electrons for photo-redox reactions in metal-free hybrid photocatalyst. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	23
130	Fluorescence of Nonaromatic Organic Systems and Room Temperature Phosphorescence of Organic Luminogens: The Intrinsic Principle and Recent Progress. <i>Small</i> , 2018, 14, e1801560.	10.0	204
131	Hybrid enhancements by polydopamine and nanosilica on carbon fibre reinforced polymer laminates under marine environment. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 112, 283-289.	7.6	13
132	Carboxymethyl konjac glucomannan conjugated polydopamine composites for Pb(II) removal. <i>Carbohydrate Polymers</i> , 2017, 162, 62-70.	10.2	47
133	Mussel-Inspired Adhesive and Tough Hydrogel Based on Nanoclay Confined Dopamine Polymerization. <i>ACS Nano</i> , 2017, 11, 2561-2574.	14.6	749
134	Optoelectronic devices of highly efficient luminogens in the solid state: general discussion. <i>Faraday Discussions</i> , 2017, 196, 455-460.	3.2	0
135	New and efficient fluorescent and phosphorescent luminogens: general discussion. <i>Faraday Discussions</i> , 2017, 196, 191-218.	3.2	0
136	Highlights from Faraday Discussion: aggregation-induced emission. <i>Chemical Communications</i> , 2017, 53, 3158-3164.	4.1	7
137	Biomedical applications of luminogens: general discussion. <i>Faraday Discussions</i> , 2017, 196, 403-414.	3.2	0
138	Tough, self-healable and tissue-adhesive hydrogel with tunable multifunctionality. <i>NPG Asia Materials</i> , 2017, 9, e372-e372.	7.9	441
139	Carbon Fibre-Reinforced Polymer Laminates with Nanofiller-Enhanced Multifunctionality. , 2017, , 171-197.		3
140	<i>In situ</i> formed internal water channels improving water swelling and mechanical properties of water swellable rubber composites. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	16
141	In situ polymerized hyperbranched polymer reinforced poly(acrylic acid) hydrogels. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1995-2004.	5.9	33
142	Poly(lactic Acid) Based Rubber Composites and Nanocomposites. <i>Advanced Structured Materials</i> , 2017, , 141-165.	0.5	0
143	Honey/PVA hybrid wound dressings with controlled release of antibiotics: Structural, physico-mechanical and in-vitro biomedical studies. <i>Materials Science and Engineering C</i> , 2017, 77, 318-325.	7.3	105
144	Effect of reinforcement structures on vibration performance of composites. <i>Journal of Composite Materials</i> , 2017, 51, 3149-3161.	2.4	4

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145	IDVD-based trajectory generator for autonomous underwater docking operations. <i>Robotics and Autonomous Systems</i> , 2017, 92, 12-29.	5.1	34
146	Understanding the interfacial interactions between dopamine and different graphenes for biomedical materials. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1156-1164.	5.9	18
147	Quantitative evaluation and in vivo visualization of mercury ion bioaccumulation in rotifers by novel aggregation-induced emission fluorogen nanoparticles. <i>Environmental Science: Nano</i> , 2017, 4, 2186-2192.	4.3	20
148	A Benchmark Quantum Yield for Water Photoreduction on Amorphous Carbon Nitride. <i>Advanced Functional Materials</i> , 2017, 27, 1702384.	14.9	115
149	Adsorption behavior of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin on pristine and doped black phosphorene: A DFT study. <i>Chemosphere</i> , 2017, 185, 509-517.	8.2	21
150	Graphene oxide coupled carbon nitride homo-heterojunction photocatalyst for enhanced hydrogen production. <i>Materials Chemistry Frontiers</i> , 2017, 1, 562-571.	5.9	38
151	A Mussel-Inspired Conductive, Self-Adhesive, and Self-Healable Tough Hydrogel as Cell Stimulators and Implantable Bioelectronics. <i>Small</i> , 2017, 13, 1601916.	10.0	543
152	Quantitative urinalysis using aggregation-induced emission bioprobes for monitoring chronic kidney disease. <i>Faraday Discussions</i> , 2017, 196, 351-362.	3.2	16
153	Hydrogel Based Sensors for Biomedical Applications: An Updated Review. <i>Polymers</i> , 2017, 9, 364.	4.5	286
154	Anti-Collision Assessment and Prediction Considering Material Corrosion on an Offshore Protective Device. <i>Journal of Marine Science and Engineering</i> , 2017, 5, 37.	2.6	2
155	Graphene-based materials and their potential applications. , 2017, , 267-287.		2
156	On the Feasibility of a Smartphone-based Solution to Rapid Quantitative Urinalysis using Nanomaterial Bioprobes. , 2017, , .		1
157	Polymer Microbead-Templated Nanostructures. <i>Engineering Materials and Processes</i> , 2017, , 31-50.	0.4	0
158	Investigation of Hemodynamics in Individualized Aneurysm Based on Computational Fluid Dynamics/Finite Element Method/CT. <i>Nanoscience and Nanotechnology Letters</i> , 2017, 9, 897-902.	0.4	0
159	Development of the ASTRI heliostat. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	3
160	Magnetic Core-Shell Silica Nanoparticles with Large Radial Mesopores for siRNA Delivery. <i>Small</i> , 2016, 12, 4735-4742.	10.0	96
161	Significant Enhancement of Water Splitting Activity of N-Carbon Electrocatalyst by Trace Level Co Doping. <i>Small</i> , 2016, 12, 3703-3711.	10.0	111
162	Theoretical understanding of bio-interfaces/bio-surfaces by simulation: A mini review. <i>Biosurface and Biotribology</i> , 2016, 2, 151-161.	1.5	3

#	ARTICLE	IF	CITATIONS
163	Time and energy efficient trajectory generator for autonomous underwater vehicle docking operations. , 2016, , .		4
164	Smart surface-enhanced Raman scattering traceable drug delivery systems. <i>Nanoscale</i> , 2016, 8, 12803-12811.	5.6	17
165	Fracture toughness and wear properties of nanosilica/epoxy composites under marine environment. <i>Materials Chemistry and Physics</i> , 2016, 177, 147-155.	4.0	37
166	Compression properties of multilayer-connected biaxial weft knitted carbon fiber fabric reinforced composites. <i>Composites Part B: Engineering</i> , 2016, 91, 296-305.	12.0	22
167	A comparison of optimization techniques for AUV path planning in environments with ocean currents. <i>Robotics and Autonomous Systems</i> , 2016, 82, 61-72.	5.1	94
168	Electrospinning: Current Status and Future Trends. , 2016, , 89-154.		18
169	Numerical investigation on trimming of a single sail in a regatta. <i>Sports Engineering</i> , 2016, 19, 81-90.	1.1	2
170	Comparison of the diagnostic power of cytokine patterns and procalcitonin for predicting infection among paediatric haematology/oncology patients. <i>Clinical Microbiology and Infection</i> , 2016, 22, 996-1001.	6.0	26
171	Cost effective biochar gels with super capabilities for heavy metal removal. <i>RSC Advances</i> , 2016, 6, 75430-75439.	3.6	6
172	An optical fibre sensor for remotely detecting water traces in organic solvents. <i>RSC Advances</i> , 2016, 6, 82186-82190.	3.6	10
173	Enhancing water swelling ability and mechanical properties of water-swallowable rubber by PAA/SBS nanofiber mats. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	4
174	Online remote monitoring of explosives by optical fibres. <i>RSC Advances</i> , 2016, 6, 103324-103327.	3.6	2
175	Monitoring and quantification of the complex bioaccumulation process of mercury ion in algae by a novel aggregation-induced emission fluorogen. <i>RSC Advances</i> , 2016, 6, 100318-100325.	3.6	10
176	Surface activated carbon nitride nanosheets with optimized electro-optical properties for highly efficient photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2445-2452.	10.3	121
177	Photoluminescence and thermoluminescence of Ce ³⁺ incorporated Y ₃ Al ₅ O ₁₂ synthesized by rapid combustion. <i>Optik</i> , 2016, 127, 1368-1371.	2.9	11
178	Effect of damage on the vibration modal of a novel three-dimensional and four-directional braided composite T-beam. <i>Composites Part B: Engineering</i> , 2016, 86, 108-119.	12.0	35
179	Two degree of freedom flow-induced vibration of cylindrical structures in marine environments: frequency ratio effects. <i>Journal of Marine Science and Technology</i> , 2016, 21, 479-492.	2.9	18
180	Biodegradable carboxymethyl inulin as a scale inhibitor for calcite crystal growth: Molecular level understanding. <i>Desalination</i> , 2016, 381, 1-7.	8.2	59

#	ARTICLE	IF	CITATIONS
181	Biomimetic Mineralized Hierarchical Graphene Oxide/Chitosan Scaffolds with Adsorbability for Immobilization of Nanoparticles for Biomedical Applications. ACS Applied Materials & Interfaces, 2016, 8, 1707-1717.	8.0	113
182	The molecular understanding of interfacial interactions of functionalized graphene and chitosan. Applied Surface Science, 2016, 360, 715-721.	6.1	23
183	Polycaprolactone/chitosan blends: Simulation and experimental design. Materials and Design, 2016, 90, 396-402.	7.0	23
184	Real-time quasi-optimal trajectory planning for autonomous underwater docking. , 2015, , .		7
185	Automatic recognition of hull transverse sections and rapid finite element modelling for cargo hold longitudinal structures. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2015, 229, 157-173.	0.5	4
186	Three-dimensional Smart Catalyst Electrode for Oxygen Evolution Reaction. Advanced Energy Materials, 2015, 5, 1500936.	19.5	168
187	Nanosilica-reinforced epoxy composites for marine applications. , 2015, , 425-459.		2
188	Imperialist Competitive Algorithm for AUV Path Planning in a Variable Ocean. Applied Artificial Intelligence, 2015, 29, 402-420.	3.2	7
189	Novel material and structural design for large-scale marine protective devices. Materials & Design, 2015, 68, 29-41.	5.1	7
190	Water swellable rubber composites: An update review from preparation to properties. Journal of Applied Polymer Science, 2015, 132, .	2.6	19
191	Effects of natural frequency ratio on vortex-induced vibration of a cylindrical structure. Computers and Fluids, 2015, 110, 62-76.	2.5	14
192	Modulating the interactions between MgH ₂ and graphene using different dopants. Chemical Physics Letters, 2015, 623, 82-88.	2.6	3
193	Flexible, Free-Standing TiO ₂ -Graphene-Polypyrrole Composite Films as Electrodes for Supercapacitors. Journal of Physical Chemistry C, 2015, 119, 3903-3910.	3.1	126
194	Efficient Path Re-planning for AUVs Operating in Spatiotemporal Currents. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 79, 135-153.	3.4	57
195	Graphene oxide and hyperbranched polymer-toughened hydrogels with improved absorption properties and durability. Journal of Materials Science, 2015, 50, 3457-3466.	3.7	38
196	Experimental and theoretical design for decreasing wear in conical picks in rotation-drilling cutting process. International Journal of Advanced Manufacturing Technology, 2015, 77, 1571-1579.	3.0	50
197	Electrospun multi-scale hybrid nanofiber/net with enhanced water swelling ability in rubber composites. Materials and Design, 2015, 86, 14-21.	7.0	36
198	Design carboxymethyl cotton knitted fabrics for wound dressing applications: Solvent effects. Materials and Design, 2015, 87, 238-244.	7.0	18

#	ARTICLE	IF	CITATIONS
199	Neutralisation and compatibilisation effects on novel water-swallowable rubber composites. <i>Journal of Materials Science</i> , 2015, 50, 5157-5164.	3.7	8
200	Eco-friendly and cost-effective superabsorbent sodium polyacrylate composites for environmental remediation. <i>Journal of Materials Science</i> , 2015, 50, 5799-5808.	3.7	34
201	SERS and NMR Studies of Typical Aggregation-Induced Emission Molecules. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8049-8054.	2.5	19
202	An Automated Mesh Generation Algorithm for Curved Surfaces of Ship Longitudinal Structures. <i>Computer-Aided Design and Applications</i> , 2015, 12, 9-24.	0.6	4
203	Aggregation-induced emission fluorogens as biomarkers to assess the viability of microalgae in aquatic ecosystems. <i>Chemical Communications</i> , 2015, 51, 17257-17260.	4.1	26
204	Band structure of graphene modulated by Ti or N dopants and applications in gas sensing. <i>Journal of Molecular Graphics and Modelling</i> , 2015, 61, 224-230.	2.4	24
205	A survey on path planning for persistent autonomy of autonomous underwater vehicles. <i>Ocean Engineering</i> , 2015, 110, 303-313.	4.3	159
206	Detection of oligomers and fibrils of β -synuclein by AIEgen with strong fluorescence. <i>Chemical Communications</i> , 2015, 51, 1866-1869.	4.1	75
207	Analysis on cracking in hard thin films on a soft substrate under Berkovich indentation. <i>Vacuum</i> , 2015, 112, 29-32.	3.5	25
208	Functionalised silica/epoxy nanocomposites with enhanced fracture toughness for large-scale applications. <i>Journal of Composite Materials</i> , 2015, 49, 1439-1447.	2.4	6
209	Preparation of Silver Nanowires via a Rapid, Scalable and Green Pathway. <i>Journal of Materials Science and Technology</i> , 2015, 31, 16-22.	10.7	34
210	Molybdenum sulfide clusters-nitrogen-doped graphene hybrid hydrogel film as an efficient three-dimensional hydrogen evolution electrocatalyst. <i>Nano Energy</i> , 2015, 11, 11-18.	16.0	232
211	On the determination of representative stress-strain relation of metallic materials using instrumented indentation. <i>Materials & Design</i> , 2015, 65, 989-994.	5.1	24
212	An immersed boundary method with an approximate projection on nonstaggered grids to solve unsteady fluid flow with a submerged moving rigid object. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2014, 228, 272-283.	0.5	3
213	Smart humidity sensor of graphene enhanced superabsorbent. , 2014, , .		0
214	Modelling low-speed drop-weight impact on composite laminates. <i>Materials & Design</i> , 2014, 60, 520-531.	5.1	29
215	A sharp interface immersed boundary/VOF model coupled with wave generating and absorbing options for wave-structure interaction. <i>Computers and Fluids</i> , 2014, 89, 214-231.	2.5	32
216	Label-free dendrimer-like silica nanohybrids for traceable and controlled gene delivery. <i>Biomaterials</i> , 2014, 35, 5580-5590.	11.4	62

#	ARTICLE	IF	CITATIONS
217	Investigation on photoluminescence properties of CeO ₂ /Sm ₂ O ₃ multilayer films based on Si substrates. <i>Physica Status Solidi (B): Basic Research</i> , 2014, 251, 737-740.	1.5	8
218	Electrically and thermally conductive elastomer/graphene nanocomposites by solution mixing. <i>Polymer</i> , 2014, 55, 201-210.	3.8	239
219	Prognostic impact of pretransplantation hyperferritinemia in adults undergoing allogeneic hematopoietic SCT: a meta-analysis. <i>Bone Marrow Transplantation</i> , 2014, 49, 1339-1340.	2.4	8
220	Path planning for rendezvous of multiple AUVs operating in a variable ocean. , 2014, , .		13
221	Conductive nanocomposite hydrogels with self-healing property. <i>RSC Advances</i> , 2014, 4, 35149-35155.	3.6	49
222	Fe ⁴⁺ -N Decorated Hybrids of CNTs Grown on Hierarchically Porous Carbon for High-Performance Oxygen Reduction. <i>Advanced Materials</i> , 2014, 26, 6074-6079.	21.0	486
223	DFT study of adsorption and dissociation behavior of H ₂ S on Fe-doped graphene. <i>Applied Surface Science</i> , 2014, 317, 511-516.	6.1	135
224	Shell space decomposition based path planning for AUVs operating in a variable environment. <i>Ocean Engineering</i> , 2014, 91, 181-195.	4.3	71
225	Experimental understanding of the viscosity reduction ability of TLCPs with different PEs. <i>Korea Australia Rheology Journal</i> , 2014, 26, 303-310.	1.7	1
226	Aggregation-Induced Emission: The Whole Is More Brilliant than the Parts. <i>Advanced Materials</i> , 2014, 26, 5429-5479.	21.0	2,737
227	Effect of loading rate on the creep behaviour of epoxy resin insulators by nanoindentation. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 3552-3558.	2.2	9
228	Proton-Functionalized Two-Dimensional Graphitic Carbon Nitride Nanosheet: An Excellent Metal-Free Biosensing Platform. <i>Small</i> , 2014, 10, 2382-2389.	10.0	441
229	Surface iodination: A simple and efficient protocol to improve the isotropically thermal conductivity of silver-epoxy pastes. <i>Composites Science and Technology</i> , 2014, 99, 109-116.	7.8	31
230	Nano-Halloysite Concentration Effects on Fracture Toughness of Diverse Epoxy Nanocomposites. <i>Materials Performance and Characterization</i> , 2014, 3, 506-518.	0.3	0
231	Hydrodynamic Analysis of Floating Marine Structures Based on an IBM-VOF Two-Phase Flow Model. <i>Communications in Computer and Information Science</i> , 2014, , 440-449.	0.5	0
232	Natural Frequency Ratio Effect on 2 DOF Flow Induced Vibration of Cylindrical Structures. <i>Communications in Computer and Information Science</i> , 2014, , 403-417.	0.5	0
233	Mesoporous hybrid material composed of Mn ₃ O ₄ nanoparticles on nitrogen-doped graphene for highly efficient oxygen reduction reaction. <i>Chemical Communications</i> , 2013, 49, 7705-7707.	4.1	241
234	Interlaminar fracture toughness and CAI strength of fibre-reinforced composites with nanoparticles – A review. <i>Composites Science and Technology</i> , 2013, 86, 26-37.	7.8	142

#	ARTICLE	IF	CITATIONS
235	A two-phase flow model coupling with volume of fluid and immersed boundary methods for free surface and moving structure problems. <i>Ocean Engineering</i> , 2013, 74, 107-124.	4.3	14
236	Transverse permeability determination of dual-scale fibrous materials. <i>International Journal of Heat and Mass Transfer</i> , 2013, 58, 532-539.	4.8	32
237	Effective permeability of gas diffusion layer in proton exchange membrane fuel cells. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 10519-10526.	7.1	27
238	Hybrid Hydrogels of Porous Graphene and Nickel Hydroxide as Advanced Supercapacitor Materials. <i>Chemistry - A European Journal</i> , 2013, 19, 7118-7124.	3.3	136
239	Silicone rubber nanocomposites containing a small amount of hybrid fillers with enhanced electrical sensitivity. <i>Materials & Design</i> , 2013, 45, 548-554.	5.1	48
240	Denture feature modeling and processing by reverse engineering technology — A case study. , 2013, , .		1
241	Processing and characterization of TLCP fibers reinforced by 1Âwt% MWCNT. <i>Journal of Materials Science</i> , 2012, 47, 8094-8102.	3.7	9
242	Influences of processing methods and chemical treatments on fracture toughness of halloysiteâ€“epoxy composites. <i>Materials & Design</i> , 2012, 42, 471-477.	5.1	61
243	Assessment of transverse impact damage in GF/EP laminates of conductive nanoparticles using electrical resistivity tomography. <i>Composites Part A: Applied Science and Manufacturing</i> , 2012, 43, 1587-1598.	7.6	58
244	Organoclay/thermotropic liquid crystalline polymer nanocomposites. Part I: Effects of concentration on morphology, liquid crystallinity and thermal properties. <i>E-Polymers</i> , 2012, 12, .	3.0	1
245	Synthesis and self-assembly of tetraphenylethene and biphenyl based AIE-active triazoles. <i>Journal of Materials Chemistry</i> , 2012, 22, 10472.	6.7	62
246	Monitoring of delamination onset and growth during Mode I and Mode II interlaminar fracture tests using guided waves. <i>Composites Science and Technology</i> , 2012, 72, 145-151.	7.8	21
247	CF/EP composite laminates with carbon black and copper chloride for improved electrical conductivity and interlaminar fracture toughness. <i>Composites Science and Technology</i> , 2012, 72, 412-420.	7.8	77
248	Structure and properties of polyacrylic acid modified hydroxyapatite/liquid crystal polymer composite. <i>Journal of Reinforced Plastics and Composites</i> , 2011, 30, 1155-1163.	3.1	13
249	High Solid-State Efficiency Fluorescent Main Chain Liquid Crystalline Polytriazoles with Aggregation-Induced Emission Characteristics. <i>Macromolecules</i> , 2011, 44, 9618-9628.	4.8	88
250	Effects of unfolded and intercalated halloysites on mechanical properties of halloysiteâ€“epoxy nanocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011, 42, 345-354.	7.6	137
251	Characterization of transverse tensile, interlaminar shear and interlaminar fracture in CF/EP laminates with 10wt% and 20wt% silica nanoparticles in matrix resins. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011, 42, 1943-1950.	7.6	66
252	An algorithm for automatic 2D finite element mesh generation with line constraints. <i>CAD Computer Aided Design</i> , 2011, 43, 1803-1813.	2.7	11

#	ARTICLE	IF	CITATIONS
253	Rheological study on high-density polyethylene/organoclay composites. <i>Polymer Engineering and Science</i> , 2011, 51, 133-142.	3.1	13
254	Organoclay/thermotropic liquid crystalline polymer nanocomposites. Part V: morphological and rheological studies. <i>Journal of Materials Science</i> , 2010, 45, 2874-2883.	3.7	5
255	Organoclay/thermotropic liquid crystalline polymer nanocomposites. Part IV: organoclay of comparable size to fully extended TLCP molecules. <i>Journal of Materials Science</i> , 2010, 45, 3336-3343.	3.7	1
256	Moisture-cured elastomeric transparent UV and X-ray shielding organic-inorganic hybrids. <i>Journal of Materials Science</i> , 2010, 45, 3588-3594.	3.7	13
257	Organoclay/thermotropic liquid crystalline polymer nanocomposites. Part II: shear-induced phase separation. <i>Journal of Materials Science</i> , 2010, 45, 4422-4430.	3.7	1
258	Organoclay-modified thermotropic liquid crystalline polymers as viscosity reduction agents for high molecular mass polyethylene. <i>Journal of Materials Science</i> , 2010, 45, 5353-5363.	3.7	2
259	Experimental measurement and numerical simulation of viscosity reduction effects in HMMPE containing a small amount of exfoliated organoclay-modified TLCP composite. <i>Polymer</i> , 2010, 51, 514-521.	3.8	14
260	Organoclay/thermotropic liquid crystalline polymer nanocomposites. III. Effects of fully exfoliated organoclay on morphology, thermal, and rheological properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010, 48, 712-720.	2.1	6
261	A comparative study of thermotropic LCP and organoclay as fillers in high molecular mass polyethylene with different blending sequences. <i>Polymer Engineering and Science</i> , 2010, 50, 1679-1688.	3.1	4
262	Organoclay/thermotropic liquid crystalline polymer nanocomposites. Part VI: Effects of intercalated organoclay on nanocomposite morphology, thermal and rheological properties. <i>International Journal of Smart and Nano Materials</i> , 2010, 1, 173-186.	4.2	0
263	Synthesis and Curing of Hyperbranched Poly(triazole)s with Click Polymerization for Improved Adhesion Strength. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 566-574.	8.0	49
264	Fluorescent Chemosensor for Detection and Quantitation of Carbon Dioxide Gas. <i>Journal of the American Chemical Society</i> , 2010, 132, 13951-13953.	13.7	374
265	Aggregation-Enhanced Emissions of Intramolecular Excimers in Disubstituted Polyacetylenes. <i>Journal of Physical Chemistry B</i> , 2008, 112, 9281-9288.	2.6	166
266	Hyperbranched Poly(silylenephenylenes) from Polycyclotrimerization of A2-Type Diyne Monomers: Synthesis, Characterization, Structural Modeling, Thermal Stability, and Fluorescent Patterning. <i>Macromolecules</i> , 2007, 40, 7473-7486.	4.8	57
267	Effects of thermotropic LCP on rheological behavior of high molecular mass polyethylene/organoclay composites. <i>Central South University</i> , 2007, 14, 192-195.	0.5	4
268	Structural Control of the Photoluminescence of Silole Regioisomers and Their Utility as Sensitive Regiodiscriminating Chemosensors and Efficient Electroluminescent Materials. <i>Journal of Physical Chemistry B</i> , 2005, 109, 10061-10066.	2.6	349
269	An iterative channel estimation scheme for beamforming transmission and detection in MIMO systems. , 0, , .		1
270	Numerical Investigation of a Blade Riblet Surface for Drag Reduction Applications with Large Eddy Simulation Method. <i>Applied Mechanics and Materials</i> , 0, 187, 315-319.	0.2	4

#	ARTICLE	IF	CITATIONS
271	Micro-Rheological Study on Fully Exfoliated Organoclay Modified Thermotropic Liquid Crystalline Polymer and Its Viscosity Reduction Effect on High Molecular Mass Polyethylene. , 0, , .		1
272	Rapid Predicting the Impact Behaviors of Marine Composite Laminates. Materials Science Forum, 0, 813, 19-27.	0.3	1
273	Toughness Assessment and Fracture Mechanism of Brittle Thin Films Under Nano-Indentation. , 0, , .		5
274	Magnetite Nanoparticle/Copper Phosphate Nanoflower Composites for Fenton-like Organic Dye Degradation. ACS Applied Nano Materials, 0, , .	5.0	4