

Youhong Tang

List of Publications by Year in descending order

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274
papers

14,580
citations

41344

49
h-index

21540

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309
all docs

309
docs citations

309
times ranked

19726
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation-Induced Emission: The Whole Is More Brilliant than the Parts. <i>Advanced Materials</i> , 2014, 26, 5429-5479.	21.0	2,737
2	Mussel-Inspired Adhesive and Tough Hydrogel Based on Nanoclay Confined Dopamine Polymerization. <i>ACS Nano</i> , 2017, 11, 2561-2574.	14.6	749
3	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
4	Fe-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
5	Bacterial cellulose production, properties and applications with different culture methods – A review. <i>Carbohydrate Polymers</i> , 2019, 219, 63-76.	10.2	444
6	Proton-Functionalized Two-Dimensional Graphitic Carbon Nitride Nanosheet: An Excellent Metal-Label-Free Biosensing Platform. <i>Small</i> , 2014, 10, 2382-2389.	10.0	441
7	Tough, self-healable and tissue-adhesive hydrogel with tunable multifunctionality. <i>NPG Asia Materials</i> , 2017, 9, e372-e372.	7.9	441
8	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
9	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
10	Hydrogel Based Sensors for Biomedical Applications: An Updated Review. <i>Polymers</i> , 2017, 9, 364.	4.5	286
11	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
12	Electrically and thermally conductive elastomer/graphene nanocomposites by solution mixing. <i>Polymer</i> , 2014, 55, 201-210.	3.8	239
13	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
14	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
15	Microplastics generated when opening plastic packaging. <i>Scientific Reports</i> , 2020, 10, 4841.	3.3	171
16	Three-Dimensional Smart Catalyst Electrode for Oxygen Evolution Reaction. <i>Advanced Energy Materials</i> , 2015, 5, 1500936.	19.5	168
17	Aggregation-Enhanced Emissions of Intramolecular Excimers in Disubstituted Polyacetylenes. <i>Journal of Physical Chemistry B</i> , 2008, 112, 9281-9288.	2.6	166
18	A survey on path planning for persistent autonomy of autonomous underwater vehicles. <i>Ocean Engineering</i> , 2015, 110, 303-313.	4.3	159

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19	Interlaminar fracture toughness and CAI strength of fibre-reinforced composites with nanoparticles “ A review. Composites Science and Technology, 2013, 86, 26-37.	7.8	142
20	Revealing Principles for Design of Lean-Electrolyte Lithium Metal Anode via In Situ Spectroscopy. Journal of the American Chemical Society, 2020, 142, 2012-2022.	13.7	142
21	Effects of unfolded and intercalated halloysites on mechanical properties of halloysite“epoxy nanocomposites. Composites Part A: Applied Science and Manufacturing, 2011, 42, 345-354.	7.6	137
22	Hybrid Hydrogels of Porous Graphene and Nickel Hydroxide as Advanced Supercapacitor Materials. Chemistry - A European Journal, 2013, 19, 7118-7124.	3.3	136
23	DFT study of adsorption and dissociation behavior of H ₂ S on Fe-doped graphene. Applied Surface Science, 2014, 317, 511-516.	6.1	135
24	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
25	Surface activated carbon nitride nanosheets with optimized electro-optical properties for highly efficient photocatalytic hydrogen production. Journal of Materials Chemistry A, 2016, 4, 2445-2452.	10.3	121
26	Dual Photoluminescence Emission Carbon Dots for Ratiometric Fluorescent GSH Sensing and Cancer Cell Recognition. ACS Applied Materials & Interfaces, 2020, 12, 18250-18257.	8.0	118
27	A Benchmark Quantum Yield for Water Photoreduction on Amorphous Carbon Nitride. Advanced Functional Materials, 2017, 27, 1702384.	14.9	115
28	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
29	Significant Enhancement of Water Splitting Activity of Na“Carbon Electrocatalyst by Trace Level Co Doping. Small, 2016, 12, 3703-3711.	10.0	111
30	Honey/PVA hybrid wound dressings with controlled release of antibiotics: Structural, physico-mechanical and in-vitro biomedical studies. Materials Science and Engineering C, 2017, 77, 318-325.	7.3	105
31	Magnetic Core“Shell Silica Nanoparticles with Large Radial Mesopores for siRNA Delivery. Small, 2016, 12, 4735-4742.	10.0	96
32	A comparison of optimization techniques for AUV path planning in environments with ocean currents. Robotics and Autonomous Systems, 2016, 82, 61-72.	5.1	94
33	Amplification of Activated Near-Infrared Afterglow Luminescence by Introducing Twisted Molecular Geometry for Understanding Neutrophil-Involved Diseases. Journal of the American Chemical Society, 2022, 144, 3429-3441.	13.7	91
34	High Solid-State Efficiency Fluorescent Main Chain Liquid Crystalline Polytriazoles with Aggregation-Induced Emission Characteristics. Macromolecules, 2011, 44, 9618-9628.	4.8	88
35	Red fluorescent carbon dots for tetracycline antibiotics and pH discrimination from aggregation-induced emission mechanism. Sensors and Actuators B: Chemical, 2021, 332, 129513.	7.8	79
36	Identification and visualisation of microplastics/ nanoplastics by Raman imaging (ii): Smaller than the diffraction limit of laser?. Water Research, 2020, 183, 116046.	11.3	78

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37	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
38	Detection of oligomers and fibrils of β -synuclein by AIEgen with strong fluorescence. <i>Chemical Communications</i> , 2015, 51, 1866-1869.	4.1	75
39	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
40	Shell space decomposition based path planning for AUVs operating in a variable environment. <i>Ocean Engineering</i> , 2014, 91, 181-195.	4.3	71
41	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
42	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
43	Synthesis and self-assembly of tetraphenylethene and biphenyl based AIE-active triazoles. <i>Journal of Materials Chemistry</i> , 2012, 22, 10472.	6.7	62
44	Label-free dendrimer-like silica nano hybrids for traceable and controlled gene delivery. <i>Biomaterials</i> , 2014, 35, 5580-5590.	11.4	62
45	Influences of processing methods and chemical treatments on fracture toughness of halloysite/epoxy composites. <i>Materials & Design</i> , 2012, 42, 471-477.	5.1	61
46	Biodegradable carboxymethyl inulin as a scale inhibitor for calcite crystal growth: Molecular level understanding. <i>Desalination</i> , 2016, 381, 1-7.	8.2	59
47	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
48	Hyperbranched Poly(silylenephenylenes) from Polycyclotrimerization of A ₂ -Type Diyne Monomers: Synthesis, Characterization, Structural Modeling, Thermal Stability, and Fluorescent Patterning. <i>Macromolecules</i> , 2007, 40, 7473-7486.	4.8	57
49	Efficient Path Re-planning for AUVs Operating in Spatiotemporal Currents. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2015, 79, 135-153.	3.4	57
50	Experimental and theoretical design for decreasing wear in conical picks in rotation-drilling cutting process. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 77, 1571-1579.	3.0	50
51	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
52	Conductive nanocomposite hydrogels with self-healing property. <i>RSC Advances</i> , 2014, 4, 35149-35155.	3.6	49
53	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
54	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

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55	Doped phosphorene for hydrogen capture: A DFT study. <i>Applied Surface Science</i> , 2018, 433, 249-255.	6.1	48
56	Carboxylmethyl konjac glucomannan conjugated polydopamine composites for Pb(II) removal. <i>Carbohydrate Polymers</i> , 2017, 162, 62-70.	10.2	47
57	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
58	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
59	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
60	Novel Bacterial Cellulose/Gelatin Hydrogels as 3D Scaffolds for Tumor Cell Culture. <i>Polymers</i> , 2018, 10, 581.	4.5	43
61	Revisiting an ancient inorganic aggregation-induced emission system: An enlightenment to clusteroluminescence. <i>Aggregate</i> , 2021, 2, e36.	9.9	40
62	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
63	Cost-Effective Double-Layer Hydrogel Composites for Wound Dressing Applications. <i>Polymers</i> , 2018, 10, 305.	4.5	39
64	AI-Egens in cell-based multiplex fluorescence imaging. <i>Science China Chemistry</i> , 2019, 62, 1312-1332.	8.2	39
65	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
66	Graphene oxide and hyperbranched polymer-toughened hydrogels with improved absorption properties and durability. <i>Journal of Materials Science</i> , 2015, 50, 3457-3466.	3.7	38
67	Graphene oxide coupled carbon nitride homo-heterojunction photocatalyst for enhanced hydrogen production. <i>Materials Chemistry Frontiers</i> , 2017, 1, 562-571.	5.9	38
68	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
69	Electrospun multi-scale hybrid nanofiber/net with enhanced water swelling ability in rubber composites. <i>Materials and Design</i> , 2015, 86, 14-21.	7.0	36
70	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
71	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
72	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

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73	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
74	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
75	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
76	IDVD-based trajectory generator for autonomous underwater docking operations. <i>Robotics and Autonomous Systems</i> , 2017, 92, 12-29.	5.1	34
77	In situ polymerized hyperbranched polymer reinforced poly(acrylic acid) hydrogels. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1995-2004.	5.9	33
78	Detection of Urinary Albumin Using a Turn-on Fluorescent Probe with Aggregation-Induced Emission Characteristics. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1245-1252.	3.3	33
79	Transverse permeability determination of dual-scale fibrous materials. <i>International Journal of Heat and Mass Transfer</i> , 2013, 58, 532-539.	4.8	32
80	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
81	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
82	Modelling low-speed drop-weight impact on composite laminates. <i>Materials & Design</i> , 2014, 60, 520-531.	5.1	29
83	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
84	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
85	Vortex fluidic mediated direct transesterification of wet microalgae biomass to biodiesel. <i>Bioresource Technology</i> , 2018, 266, 488-497.	9.6	27
86	Aggregated-fluorescent detection of PFAS with a simple chip. <i>Analytical Methods</i> , 2019, 11, 163-170.	2.7	27
87	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
88	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
89	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
90	AIEnhanced protein imaging: Probe design and sensing mechanisms. <i>Aggregate</i> , 2021, 2, e41.	9.9	26

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91	Analysis on cracking in hard thin films on a soft substrate under Berkovich indentation. Vacuum, 2015, 112, 29-32.	3.5	25
92	Rendezvous Path Planning for Multiple Autonomous Marine Vehicles. IEEE Journal of Oceanic Engineering, 2018, 43, 640-664.	3.8	25
93	Aggregation-induced emission lights up the swelling process: a new technique for swelling characterisation of hydrogels. Materials Chemistry Frontiers, 2019, 3, 664-667.	5.9	25
94	Strain engineering of selective chemical adsorption on monolayer black phosphorous. Applied Surface Science, 2020, 503, 144033.	6.1	25
95	On mechanical properties of nanocomposite hydrogels: Searching for superior properties. Nano Materials Science, 2022, 4, 83-96.	8.8	25
96	Band structure of graphene modulated by Ti or N dopants and applications in gas sensing. Journal of Molecular Graphics and Modelling, 2015, 61, 224-230.	2.4	24
97	On the determination of representative stress-strain relation of metallic materials using instrumented indentation. Materials & Design, 2015, 65, 989-994.	5.1	24
98	Artificial intelligence enhanced mathematical modeling on rotary triboelectric nanogenerators under various kinematic and geometric conditions. Nano Energy, 2020, 75, 104993.	16.0	24
99	The molecular understanding of interfacial interactions of functionalized graphene and chitosan. Applied Surface Science, 2016, 360, 715-721.	6.1	23
100	Polycaprolactone/chitosan blends: Simulation and experimental design. Materials and Design, 2016, 90, 396-402.	7.0	23
101	Numerical simulation of super upper branch of a cylindrical structure with a low mass ratio. Ocean Engineering, 2018, 168, 108-120.	4.3	23
102	Reduced recombination and low-resistive transport of electrons for photo-redox reactions in metal-free hybrid photocatalyst. Applied Physics Letters, 2018, 112, .	3.3	23
103	Compression properties of multilayer-connected biaxial weft knitted carbon fiber fabric reinforced composites. Composites Part B: Engineering, 2016, 91, 296-305.	12.0	22
104	Porous graphene oxide/chitosan nanocomposites based on interfacial chemical interactions. European Polymer Journal, 2019, 119, 114-119.	5.4	22
105	Surface roughness effect on cylinder vortex-induced vibration at moderate Re regimes. Ocean Engineering, 2021, 224, 108690.	4.3	22
106	Adsorption and dissociation behavior of water on pristine and defected calcite {1 0 4} surfaces: A DFT study. Applied Surface Science, 2021, 556, 149777.	6.1	22
107	Monitoring of delamination onset and growth during Mode I and Mode II interlaminar fracture tests using guided waves. Composites Science and Technology, 2012, 72, 145-151.	7.8	21
108	Adsorption behavior of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin on pristine and doped black phosphorene: A DFT study. Chemosphere, 2017, 185, 509-517.	8.2	21

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109	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
110	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
111	Tuning aggregation-induced emission nanoparticle properties under thin film formation. <i>Materials Chemistry Frontiers</i> , 2020, 4, 537-545.	5.9	21
112	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
113	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
114	Water swellable rubber composites: An update review from preparation to properties. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	19
115	SERS and NMR Studies of Typical Aggregation-Induced Emission Molecules. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8049-8054.	2.5	19
116	Simulation of high-output and lightweight sliding-mode triboelectric nanogenerators. <i>Nano Energy</i> , 2019, 66, 104115.	16.0	19
117	Design carboxymethyl cotton knitted fabrics for wound dressing applications: Solvent effects. <i>Materials and Design</i> , 2015, 87, 238-244.	7.0	18
118	Electrospinning: Current Status and Future Trends. , 2016, , 89-154.		18
119	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
120	Understanding the interfacial interactions between dopamine and different graphenes for biomedical materials. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1156-1164.	5.9	18
121	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
122	Smart surface-enhanced Raman scattering traceable drug delivery systems. <i>Nanoscale</i> , 2016, 8, 12803-12811.	5.6	17
123	AIegen 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
124	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
125	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
126	<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

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127	Quantitative urinalysis using aggregation-induced emission bioprobes for monitoring chronic kidney disease. <i>Faraday Discussions</i> , 2017, 196, 351-362.	3.2	16
128	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
129	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
130	Strategies in boosting photosensitization for biomedical applications. <i>Science China Chemistry</i> , 2022, 65, 647-649.	8.2	16
131	Raman imaging of microplastics and nanoplastics generated by cutting PVC pipe. <i>Environmental Pollution</i> , 2022, 298, 118857.	7.5	16
132	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
133	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
134	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
135	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
136	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
137	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
138	Vortex fluidic induced mass transfer across immiscible phases. <i>Chemical Science</i> , 2022, 13, 3375-3385.	7.4	15
139	Interrogating amyloid aggregation with aggregation-induced emission fluorescence probes. <i>Biomaterials</i> , 2022, 286, 121605.	11.4	15
140	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
141	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
142	Effects of natural frequency ratio on vortex-induced vibration of a cylindrical structure. <i>Computers and Fluids</i> , 2015, 110, 62-76.	2.5	14
143	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
144	Turbo thin film continuous flow production of biodiesel from fungal biomass. <i>Bioresource Technology</i> , 2019, 273, 431-438.	9.6	14

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145	Characterising microplastics in shower wastewater with Raman imaging. <i>Science of the Total Environment</i> , 2022, 811, 152409.	8.0	14
146	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
147	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
148	Rheological study on high-density polyethylene/organoclay composites. <i>Polymer Engineering and Science</i> , 2011, 51, 133-142.	3.1	13
149	Path planning for rendezvous of multiple AUVs operating in a variable ocean. , 2014, , .		13
150	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
151	Effects of Various Antifouling Coatings and Fouling on Marine Sonar Performance. <i>Polymers</i> , 2019, 11, 663.	4.5	13
152	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
153	Capture and characterisation of microplastics printed on paper via laser printer's toners. <i>Chemosphere</i> , 2021, 281, 130864.	8.2	13
154	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
155	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
156	Shape Tuning and Size Prediction of Millimeter-Scale Calcium-Alginate Capsules with Aqueous Core. <i>Polymers</i> , 2020, 12, 688.	4.5	12
157	Hydrogel-derived luminescent scaffolds for biomedical applications. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3524-3548.	5.9	12
158	Aggregation-Induced Emission Fluorescent Gels: Current Trends and Future Perspectives. <i>Topics in Current Chemistry</i> , 2021, 379, 9.	5.8	12
159	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
160	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
161	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
162	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

#	ARTICLE	IF	CITATIONS
163	Understanding the lipid production mechanism in <i>Euglena gracilis</i> with a fast-response AI Egen bioprobe, DPAS. <i>Materials Chemistry Frontiers</i> , 2021, 5, 268-283.	5.9	11
164	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
165	An optical fibre sensor for remotely detecting water traces in organic solvents. <i>RSC Advances</i> , 2016, 6, 82186-82190.	3.6	10
166	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
167	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
168	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
169	Collecting Microplastics in Gardens: Case Study (i) of Soil. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	10
170	Interface design of carbon filler/polymer composites for electromagnetic interference shielding. <i>New Journal of Chemistry</i> , 2021, 45, 8370-8385.	2.8	10
171	Hyperbranched polymers tune the physicochemical, mechanical, and biomedical properties of alginate hydrogels. <i>Materials Today Chemistry</i> , 2022, 23, 100656.	3.5	10
172	Processing and characterization of TLCP fibers reinforced by 1 wt% MWCNT. <i>Journal of Materials Science</i> , 2012, 47, 8094-8102.	3.7	9
173	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
174	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
175	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
176	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
177	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
178	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
179	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
180	Neutralisation and compatibilisation effects on novel water-swellaable rubber composites. <i>Journal of Materials Science</i> , 2015, 50, 5157-5164.	3.7	8

#	ARTICLE	IF	CITATIONS
181	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
182	Mechanical Properties of a Supramolecular Nanocomposite Hydrogel Containing Hydroxyl Groups Enriched Hyper-Branched Polymers. <i>Polymers</i> , 2021, 13, 805.	4.5	8
183	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
184	Materials Selection for Antifouling Systems in Marine Structures. <i>Molecules</i> , 2022, 27, 3408.	3.8	8
185	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
186	Real-time quasi-optimal trajectory planning for autonomous underwater docking. , 2015, , .		7
187	Imperialist Competitive Algorithm for AUV Path Planning in a Variable Ocean. <i>Applied Artificial Intelligence</i> , 2015, 29, 402-420.	3.2	7
188	Novel material and structural design for large-scale marine protective devices. <i>Materials & Design</i> , 2015, 68, 29-41.	5.1	7
189	Highlights from Faraday Discussion: aggregation-induced emission. <i>Chemical Communications</i> , 2017, 53, 3158-3164.	4.1	7
190	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
191	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
192	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
193	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
194	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
195	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
196	Cost effective biochar gels with super capabilities for heavy metal removal. <i>RSC Advances</i> , 2016, 6, 75430-75439.	3.6	6
197	Exploring adsorption mechanism of glyphosate on pristine and elemental doped graphene. <i>Chemical Physics Letters</i> , 2021, 779, 138849.	2.6	6
198	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

#	ARTICLE	IF	CITATIONS
199	Toughness Assessment and Fracture Mechanism of Brittle Thin Films Under Nano-Indentation. , 0, , .		5
200	Material selection and manufacturing of riblets for drag reduction: An updated review. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2018, 232, 610-622.	1.1	5
201	Recognition of Damage Modes and Hilbertâ€“Huang Transform Analyses of 3D Braided Composites. Journal of Composites Science, 2018, 2, 65.	3.0	5
202	Synthetic fluorescent probes to apprehend calcium signalling in lipid droplet accumulation in microalgaeâ€“an updated review. Science China Chemistry, 2020, 63, 308-324.	8.2	5
203	Design and optimization of multi-scale porous sandwich composites with excellent sound absorption and cushioning properties. Journal of Sandwich Structures and Materials, 2021, 23, 4276-4293.	3.5	5
204	Surface roughness effects on a tensioned riser vortex-induced vibration in the uniform current. Applied Ocean Research, 2022, 118, 102970.	4.1	5
205	Effects of thermotropic LCP on rheologica behavior of high molecular mass polyethylene/organoclay composites. Central South University, 2007, 14, 192-195.	0.5	4
206	A comparative study of thermotropic LCP and organoclay as fillers in high molecular mass polyethylene with different blending sequences. Polymer Engineering and Science, 2010, 50, 1679-1688.	3.1	4
207	Numerical Investigation of a Blade Riblet Surface for Drag Reduction Applications with Large Eddy Simulation Method. Applied Mechanics and Materials, 0, 187, 315-319.	0.2	4
208	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
209	An Automated Mesh Generation Algorithm for Curved Surfaces of Ship Longitudinal Structures. Computer-Aided Design and Applications, 2015, 12, 9-24.	0.6	4
210	Time and energy efficient trajectory generator for autonomous underwater vehicle docking operations. , 2016, , .		4
211	Enhancing water swelling ability and mechanical properties of waterâ€“swellable rubber by PAA/SBS nanofiber mats. Journal of Applied Polymer Science, 2016, 133, .	2.6	4
212	Effect of reinforcement structures on vibration performance of composites. Journal of Composite Materials, 2017, 51, 3149-3161.	2.4	4
213	Atomistic understanding of interfacial interactions between bone morphogenetic protein-7 and graphene with different oxidation degrees. Materials Chemistry Frontiers, 2019, 3, 1900-1908.	5.9	4
214	Thermal analysis and electro-elastic response of multilayered spherical vessels. International Journal of Pressure Vessels and Piping, 2019, 171, 194-206.	2.6	4
215	Tuning Surface Morphology of Fluorescent Hydrogels Using a Vortex Fluidic Device. Molecules, 2020, 25, 3445.	3.8	4
216	Simulation Guided Hand-Driven Portable Triboelectric Nanogenerator: Design, Optimisation, and Evaluation. Micromachines, 2021, 12, 955.	2.9	4

#	ARTICLE	IF	CITATIONS
217	Magnetite Nanoparticle/Copper Phosphate Nanoflower Composites for Fenton-like Organic Dye Degradation. ACS Applied Nano Materials, 0, , .	5.0	4
218	Visualising the Emerging Platform of Using Microalgae as a Sustainable Bio-Factory for Healthy Lipid Production through Biocompatible AIE Probes. Biosensors, 2022, 12, 208.	4.7	4
219	An immersed boundary method with an approximate projection on nonstaggered grids to solve unsteady fluid flow with a submerged moving rigid object. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2014, 228, 272-283.	0.5	3
220	Modulating the interactions between MgH ₂ and graphene using different dopants. Chemical Physics Letters, 2015, 623, 82-88.	2.6	3
221	Development of the ASTRI heliostat. AIP Conference Proceedings, 2016, , .	0.4	3
222	Theoretical understanding of bio-interfaces/bio-surfaces by simulation: A mini review. Biosurface and Biotribology, 2016, 2, 151-161.	1.5	3
223	Carbon Fibre-Reinforced Polymer Laminates with Nanofiller-Enhanced Multifunctionality. , 2017, , 171-197.		3
224	Nanoparticle-enhanced bamboo-like tubular nanofibers for active capture of particulate matter. Journal of Polymer Science Part A, 2019, 57, 1216-1223.	2.3	3
225	Dynamic mechanism of phase differences in One-degree-of-freedom vortex-induced vibration of a cylindrical structure. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2019, 233, 80-92.	0.5	3
226	Intramolecular motion-associated biomaterials for image-guided cancer surgery. Smart Materials in Medicine, 2020, 1, 24-31.	6.7	3
227	Density functional theory study of perfluorooctane sulfonate adsorption on fluorinated graphene. Surface Innovations, 2021, 9, 149-155.	2.3	3
228	Aggregation-induced Emission Fluorogen as Mammalian Cell Cytoplasmic Tracker with Long Retention Time and High Photo-stability. Chemical Research in Chinese Universities, 2021, 37, 110-115.	2.6	3
229	Mussel Inspired Modification of Rubber Crumbs for Improved Interfacial Adhesion in Rubber Cement Mortar. Applied Composite Materials, 2021, 28, 1767-1780.	2.5	3
230	In Situ Monitored Vortex Fluidic-Mediated Protein Refolding/Unfolding Using an Aggregation-Induced Emission Bioprobe. Molecules, 2021, 26, 4273.	3.8	3
231	Microalgae-Derived Health Supplements to Therapeutic Shifts: Redox-Based Study Opportunities with AIE-Based Technologies. Advanced Healthcare Materials, 2021, , 2101223.	7.6	3
232	Aggregation-induced emission luminogens for lipid droplet imaging. Progress in Molecular Biology and Translational Science, 2021, 184, 101-144.	1.7	3
233	Konjac Glucomannan Induced Retarding Effects on the Early Hydration of Cement. Polymers, 2022, 14, 1064.	4.5	3
234	Inorganic-organic hybrid materials to detect urinary biomarkers: recent progress and future prospects. Materials Chemistry Frontiers, 2022, 6, 2011-2033.	5.9	3

#	ARTICLE	IF	CITATIONS
235	Brush-like Polymer Prodrug with Aggregation-Induced Emission Features for Precise Intracellular Drug Tracking. <i>Biosensors</i> , 2022, 12, 373.	4.7	3
236	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
237	Nanosilica-reinforced epoxy composites for marine applications. , 2015, , 425-459.		2
238	Numerical investigation on trimming of a single sail in a regatta. <i>Sports Engineering</i> , 2016, 19, 81-90.	1.1	2
239	Online remote monitoring of explosives by optical fibres. <i>RSC Advances</i> , 2016, 6, 103324-103327.	3.6	2
240	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
241	Graphene-based materials and their potential applications. , 2017, , 267-287.		2
242	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
243	Introduction to Luminogenic bioprobes for personal health technologies. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6292-6293.	5.9	2
244	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
245	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
246	An iterative channel estimation scheme for beamforming transmission and detection in MIMO systems. , 0, , .		1
247	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
248	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
249	Micro-Rheological Study on Fully Exfoliated Organoclay Modified Thermotropic Liquid Crystalline Polymer and Its Viscosity Reduction Effect on High Molecular Mass Polyethylene. , 0, , .		1
250	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
251	Denture feature modeling and processing by reverse engineering technology — A case study. , 2013, , .		1
252	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

#	ARTICLE	IF	CITATIONS
253	Rapid Predicting the Impact Behaviors of Marine Composite Laminates. Materials Science Forum, 0, 813, 19-27.	0.3	1
254	On the Feasibility of a Smartphone-based Solution to Rapid Quantitative Urinalysis using Nanomaterial Bioprobes. , 2017, , .		1
255	Shock absorption properties of synthetic sports surfaces: A review. Polymers for Advanced Technologies, 2019, 30, 2954-2967.	3.2	1
256	Durable pyroelectric shell structures for energy scavenging applications. Acta Mechanica, 2020, 231, 205-220.	2.1	1
257	Analysis of architecture and performance of three-dimensional braided composites. , 2021, , 611-635.		1
258	Application of Aggregation-Induced Emission Fluorogens for Detection and Quantification of Toxic Chemicals in Small Aquatic Organisms. , 2019, , 317-334.		1
259	Collecting microplastics in gardens: Case study (ii) from ropes. Environmental Technology and Innovation, 2022, 26, 102322.	6.1	1
260	Organoclay/thermotropic liquid crystalline polymer nanocomposites. Part VI: Effects of intercalated organoclay on nanocomposite morphology, thermal and rheological properties. International Journal of Smart and Nano Materials, 2010, 1, 173-186.	4.2	0
261	Smart humidity sensor of graphene enhanced superabsorbent. , 2014, , .		0
262	Optoelectronic devices of highly efficient luminogens in the solid state: general discussion. Faraday Discussions, 2017, 196, 455-460.	3.2	0
263	New and efficient fluorescent and phosphorescent luminogens: general discussion. Faraday Discussions, 2017, 196, 191-218.	3.2	0
264	Biomedical applications of luminogens: general discussion. Faraday Discussions, 2017, 196, 403-414.	3.2	0
265	Poly(lactic Acid) Based Rubber Composites and Nanocomposites. Advanced Structured Materials, 2017, , 141-165.	0.5	0
266	Image-guided morphological measurement for the circumferential residual strains in aortic arch of rabbit. AIP Conference Proceedings, 2020, , .	0.4	0
267	Vortex-Induced Vibration of a Marine Riser: Numerical Simulation and Mechanism Understanding. , 2020, , .		0
268	Interactions between stearic acid and calcite surfaces: Experimental and computer simulation studies. Biosurface and Biotribology, 2021, 7, 126-132.	1.5	0
269	Nano-Halloysite Concentration Effects on Fracture Toughness of Diverse Epoxy Nanocomposites. Materials Performance and Characterization, 2014, 3, 506-518.	0.3	0
270	Hydrodynamic Analysis of Floating Marine Structures Based on an IBM-VOF Two-Phase Flow Model. Communications in Computer and Information Science, 2014, , 440-449.	0.5	0

#	ARTICLE	IF	CITATIONS
271	Natural Frequency Ratio Effect on 2 DOF Flow Induced Vibration of Cylindrical Structures. Communications in Computer and Information Science, 2014, , 403-417.	0.5	0
272	Polymer Microbead-Templated Nanostructures. Engineering Materials and Processes, 2017, , 31-50.	0.4	0
273	Investigation of Hemodynamics in Individualized Aneurysm Based on Computational Fluid Dynamics/Finite Element Method/CT. Nanoscience and Nanotechnology Letters, 2017, 9, 897-902.	0.4	0
274	Nondestructive Damage Detection of Epoxy/Synthetic Fiber Braided Composites. , 2022, , 1-23.		0