Limei Liu

List of Publications by Year
in descending order

20 papers	919 citations	516710 16 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	1315 citing authors

#	Article	IF	Citations
1	Spray-coated barrier coating on copper based on exfoliated vermiculite sheets. Materials Chemistry Frontiers, 2021, 5, 4658-4663.	5.9	7
2	Percolative polymer composites for dielectric capacitors: a brief history, materials, and multilayer interface design. Journal of Materials Chemistry A, 2020, 8, 18515-18537.	10.3	35
3	Flexible and stretchable metalÂoxide nanofiber networks for multimodal and monolithically integrated wearable electronics. Nature Communications, 2020, 11, 2405.	12.8	174
4	Motion-based pH sensing using spindle-like micromotors. Nano Research, 2016, 9, 1310-1318.	10.4	43
5	Motion-Based pH Sensing Based on the Cartridge-Case-like Micromotor. ACS Applied Materials & Interfaces, 2016, 8, 4250-4257.	8.0	59
6	Dual-Fuel-Driven Bactericidal Micromotor. Nano-Micro Letters, 2016, 8, 157-164.	27.0	49
7	Preparation, heat-enabled shape variation, and cargo manipulation of polymer-based micromotors. Journal of Materials Science, 2016, 51, 1496-1503.	3.7	10
8	Fabrication and origin of high-k carbon nanotube/epoxy composites with low dielectric loss through layer-by-layer casting technique. Carbon, 2015, 85, 28-37.	10.3	82
9	Tadpole-like artificial micromotor. Nanoscale, 2015, 7, 2276-2280.	5.6	25
10	Nanoparticle mediated micromotor motion. Nanoscale, 2015, 7, 4949-4955.	5.6	18
11	One-step fabrication of multifunctional micromotors. Nanoscale, 2015, 7, 13918-13923.	5.6	50
12	Synergistic effect in organic field-effect transistor nonvolatile memory utilizing bimetal nanoparticles as nano-floating-gate. Organic Electronics, 2015, 25, 324-328.	2.6	21
13	Boost up dielectric constant and push down dielectric loss of carbon nanotube/cyanate ester composites via gradient and layered structure design. Journal of Materials Chemistry A, 2015, 3, 23162-23169.	10.3	29
14	Shape-Controlled Fabrication of the Polymer-Based Micromotor Based on the Polydimethylsiloxane Template. Langmuir, 2015, 31, 11914-11920.	3.5	24
15	Thermal behavior and properties of chitosan fibers enhanced polysaccharide hydrogels. Thermochimica Acta, 2014, 583, 8-14.	2.7	14
16	Magnetically Recyclable Polymer Single Crystal Supported Silver Nanocatalyst. Langmuir, 2014, 30, 13456-13461.	3.5	15
17	A micromotor based on polymer single crystals and nanoparticles: toward functional versatility. Nanoscale, 2014, 6, 8601-8605.	5.6	56
18	High-k Materials with Low Dielectric Loss Based on Two Superposed Gradient Carbon Nanotube/Cyanate Ester Composites. Journal of Physical Chemistry C, 2013, 117, 15487-15495.	3.1	33

#	Article	IF	Citations
19	Chitosan fibers enhanced gellan gum hydrogels with superior mechanical properties and water-holding capacity. Carbohydrate Polymers, 2013, 97, 152-158.	10.2	57
20	Two-layer materials of polyethylene and a carbon nanotube/cyanate ester composite with high dielectric constant and extremely low dielectric loss. Carbon, 2013, 54, 224-233.	10.3	118