

Limei Liu

List of Publications by Year in descending order

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20
papers

919
citations

516710

16
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752698

20
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20
docs citations

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times ranked

1315
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible and stretchable metal oxide nanofiber networks for multimodal and monolithically integrated wearable electronics. <i>Nature Communications</i> , 2020, 11, 2405.	12.8	174
2	Two-layer materials of polyethylene and a carbon nanotube/cyanate ester composite with high dielectric constant and extremely low dielectric loss. <i>Carbon</i> , 2013, 54, 224-233.	10.3	118
3	Fabrication and origin of high-k carbon nanotube/epoxy composites with low dielectric loss through layer-by-layer casting technique. <i>Carbon</i> , 2015, 85, 28-37.	10.3	82
4	Motion-Based pH Sensing Based on the Cartridge-Case-like Micromotor. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4250-4257.	8.0	59
5	Chitosan fibers enhanced gellan gum hydrogels with superior mechanical properties and water-holding capacity. <i>Carbohydrate Polymers</i> , 2013, 97, 152-158.	10.2	57
6	A micromotor based on polymer single crystals and nanoparticles: toward functional versatility. <i>Nanoscale</i> , 2014, 6, 8601-8605.	5.6	56
7	One-step fabrication of multifunctional micromotors. <i>Nanoscale</i> , 2015, 7, 13918-13923.	5.6	50
8	Dual-Fuel-Driven Bactericidal Micromotor. <i>Nano-Micro Letters</i> , 2016, 8, 157-164.	27.0	49
9	Motion-based pH sensing using spindle-like micromotors. <i>Nano Research</i> , 2016, 9, 1310-1318.	10.4	43
10	Percolative polymer composites for dielectric capacitors: a brief history, materials, and multilayer interface design. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18515-18537.	10.3	35
11	High-k Materials with Low Dielectric Loss Based on Two Superposed Gradient Carbon Nanotube/Cyanate Ester Composites. <i>Journal of Physical Chemistry C</i> , 2013, 117, 15487-15495.	3.1	33
12	Boost up dielectric constant and push down dielectric loss of carbon nanotube/cyanate ester composites via gradient and layered structure design. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23162-23169.	10.3	29
13	Tadpole-like artificial micromotor. <i>Nanoscale</i> , 2015, 7, 2276-2280.	5.6	25
14	Shape-Controlled Fabrication of the Polymer-Based Micromotor Based on the Polydimethylsiloxane Template. <i>Langmuir</i> , 2015, 31, 11914-11920.	3.5	24
15	Synergistic effect in organic field-effect transistor nonvolatile memory utilizing bimetal nanoparticles as nano-floating-gate. <i>Organic Electronics</i> , 2015, 25, 324-328.	2.6	21
16	Nanoparticle mediated micromotor motion. <i>Nanoscale</i> , 2015, 7, 4949-4955.	5.6	18
17	Magnetically Recyclable Polymer Single Crystal Supported Silver Nanocatalyst. <i>Langmuir</i> , 2014, 30, 13456-13461.	3.5	15
18	Thermal behavior and properties of chitosan fibers enhanced polysaccharide hydrogels. <i>Thermochimica Acta</i> , 2014, 583, 8-14.	2.7	14

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19	Preparation, heat-enabled shape variation, and cargo manipulation of polymer-based micromotors. Journal of Materials Science, 2016, 51, 1496-1503.	3.7	10
20	Spray-coated barrier coating on copper based on exfoliated vermiculite sheets. Materials Chemistry Frontiers, 2021, 5, 4658-4663.	5.9	7