

Qingting Liu

List of Publications by Year in descending order

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papers

681
citations

623734

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docs citations

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times ranked

747
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#	ARTICLE	IF	CITATIONS
1	Improved Sensitivity of Flexible Conductive Composites Throughout the Working Strain Range Based on Bioinspired Strain Redistribution. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1608-1616.	4.4	1
2	Enhanced Specific Capacitance and Stability of Polyaniline by Nafion Doping. <i>ChemElectroChem</i> , 2022, 9, .	3.4	2
3	Preparation of CNTs/PP@Gr composites with a segregated structure and enhanced electrical and thermal conductive properties by the Pickering emulsion method. <i>Composites Science and Technology</i> , 2022, 222, 109374.	7.8	11
4	A scalable highly thermal conductive silicone rubber composite with orientated graphite by pre-vulcanizing and multilayer stacking method. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 157, 106944.	7.6	9
5	Advanced montmorillonite modification by using corrosive microorganisms as an alternative filler to reinforce natural rubber. <i>Applied Clay Science</i> , 2022, 225, 106534.	5.2	10
6	Polyethyleneimine-filled sepiolite nanorods-embedded poly(2,5-benzimidazole) composite membranes for wide-temperature PEMFCs. <i>Journal of Cleaner Production</i> , 2022, 359, 131977.	9.3	12
7	Polypyrrole nanowires as a cathode microporous layer for direct methanol fuel cell to enhance oxygen transport. <i>International Journal of Energy Research</i> , 2021, 45, 3375-3384.	4.5	9
8	Reticulated polyaniline nanowires as a cathode microporous layer for high-temperature PEMFCs. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 8802-8809.	7.1	12
9	Facile method for preparation of micronized fly ash by microbial corrosion and ball-milling. <i>Micro and Nano Letters</i> , 2021, 16, 610.	1.3	1
10	The tunable sensing behaviors of flexible conductive PDMS/NCG composites via regulation of filler size prepared by a facile sedimentation method. <i>Composites Science and Technology</i> , 2021, 216, 109037.	7.8	4
11	Hydrophilic PDMS with a sandwich-like structure and no loss of mechanical properties and optical transparency. <i>Applied Surface Science</i> , 2020, 503, 144126.	6.1	14
12	Designing high electrochemical surface area between polyaniline and hydrogel polymer electrolyte for flexible supercapacitors. <i>Applied Surface Science</i> , 2020, 507, 145135.	6.1	60
13	Facile one-step preparation of laminated PDMS based flexible strain sensors with high conductivity and sensitivity via filler sedimentation. <i>Composites Science and Technology</i> , 2020, 186, 107933.	7.8	33
14	A Modified Four-Probe Method to Separate Ionic Conductance from Composite Conductors. <i>ChemElectroChem</i> , 2020, 7, 3535-3538.	3.4	1
15	Bioinspired design of flexible strain sensor with high performance based on gradient filler distributions. <i>Composites Science and Technology</i> , 2020, 200, 108319.	7.8	18
16	Polyaniline Nanorod Arrays as a Cathode Material for High-Rate Zinc-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 12360-12367.	5.1	32
17	In situ synthesis of star copolymers consisting of a <scp>polyhedral oligomeric silsesquioxane</scp> core and poly(2,5-benzimidazole) arms for high-temperature proton exchange membrane fuel cells. <i>International Journal of Energy Research</i> , 2020, 44, 8769-8780.	4.5	6
18	Simultaneous improvement of thermal conductivity and mechanical properties for mechanically mixed ABS/hBN composites by using small amounts of hyperbranched polymer additives. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49186.	2.6	12

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19	Homogeneously dispersed composites of hydroxyapatite nanorods and poly(lactic acid) and their mechanical properties and crystallization behavior. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 132, 105841.	7.6	18
20	Design of sepiolite-supported ionogel-embedded composite membranes without proton carrier wastage for wide-temperature-range operation of proton exchange membrane fuel cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15288-15301.	10.3	54
21	Preparation and properties of flexible conductive polydimethylsiloxane composites containing hybrid fillers. <i>Polymer Bulletin</i> , 2019, 76, 6487-6501.	3.3	13
22	Advanced coal fly ash modification by using corrosive microorganisms as alternative filler-reinforcing fluororubbers. <i>Materials Letters</i> , 2019, 246, 32-35.	2.6	6
23	Poly(2,5-benzimidazole)/sulfonated sepiolite composite membranes with low phosphoric acid doping levels for PEMFC applications in a wide temperature range. <i>Journal of Membrane Science</i> , 2019, 574, 282-298.	8.2	57
24	Highly flexible strain sensors based on polydimethylsiloxane/carbon nanotubes (CNTs) prepared by a swelling/permeating method and enhanced sensitivity by CNTs surface modification. <i>Composites Science and Technology</i> , 2019, 171, 218-225.	7.8	62
25	Poly(2,5-benzimidazole)/trisilanophenyl POSS composite membranes for intermediate temperature PEM fuel cells. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018, 33, 212-220.	1.0	10
26	Improved electrical heating properties for polymer nanocomposites by electron beam irradiation. <i>Polymer Bulletin</i> , 2018, 75, 2847-2863.	3.3	10
27	A Self-Charging Hybrid Electric Power Device with High Specific Energy and Power. <i>ACS Energy Letters</i> , 2018, 3, 2425-2432.	17.4	30
28	Improved cell morphology and thermal properties of expanded polypropylene beads by the addition of PP with a high melting point. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45121.	2.6	11
29	Enhancing the Melt Strength of Poly(Lactic Acid) via Micro-Crosslinking and Blending with Poly(Butylene Adipate-co-Butylene Terephthalate) for the Preparation of Foams. <i>Journal of Polymers and the Environment</i> , 2017, 25, 1335-1341.	5.0	34
30	Improved cell morphology and reduced shrinkage ratio of ETPU beads by reactive blending. <i>Polymer Testing</i> , 2017, 63, 38-46.	4.8	51
31	Enhanced electrical properties of graphite/ABS composites prepared via supercritical CO ₂ processing. <i>Polymer Bulletin</i> , 2017, 74, 4279-4295.	3.3	6
32	Carbon paper-free membrane electrode assembly fabricated from a Pt electrocatalyst supported on multi-walled carbon nanotubes. <i>Journal of Materials Science</i> , 2017, 52, 8412-8420.	3.7	4
33	Preparation and Properties of ABPBI/POSS/IL Hybrid Proton Exchange Membrane Operated in Wide Temperature Range. <i>DEStech Transactions on Environment Energy and Earth Science</i> , 2017, , .	0.0	1
34	Preparation and Properties of Poly(2,5-benzimidazole)/Sulfonated Sepiolite Composite Proton Exchange Membrane. <i>DEStech Transactions on Environment Energy and Earth Science</i> , 2017, , .	0.0	1
35	Novel octopus shaped organic-inorganic composite membranes for PEMFCs. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 16160-16166.	7.1	14
36	Sulfonated poly(2,5-benzimidazole) (ABPBI)/ MMT/ ionic liquids composite membranes for high temperature PEM applications. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 16767-16774.	7.1	32

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37	Novel ABPBI/POSS Composite Membranes for High Temperature PEMFC Applications. ECS Transactions, 2011, 30, 25-32.	0.5	4
38	Study on Kinetics of Natural Rubber Vulcanization by S/La(DiPDP) ₃ . Journal of Rare Earths, 2007, 25, 396-400.	4.8	16