

Yudeng Wang

List of Publications by Year in descending order

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15
papers

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933447

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citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced flame-retardant property of epoxy composites filled with solvent-free and liquid-like graphene organic hybrid material decorated by zinc hydroxystannate boxes. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 81, 172-181.	7.6	61
2	A universal approach to turn UiO-66 into type 1 porous liquids via post-synthetic modification with corona-canopy species for CO ₂ capture. <i>Chemical Engineering Journal</i> , 2021, 416, 127625.	12.7	46
3	Transforming Metal-Organic Frameworks into Porous Liquids via a Covalent Linkage Strategy for CO ₂ Capture. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2600-2609.	8.0	44
4	Shining Light on Porous Liquids: From Fundamentals to Syntheses, Applications and Future Challenges. <i>Advanced Functional Materials</i> , 2022, 32, 2104162.	14.9	40
5	Covalent nanocrystals-decorated solvent-free graphene oxide liquids. <i>Carbon</i> , 2016, 110, 87-96.	10.3	30
6	Transforming Ti ₃ C ₂ T _x MXenes into nanoscale ionic materials via an electronic interaction strategy. <i>Journal of Materials Chemistry A</i> , 2021, 9, 15441-15451.	10.3	21
7	Effects of the core of liquid-like SiO ₂ nanoparticle organic hybrid materials on CO ₂ capture. <i>Journal of Materials Science</i> , 2018, 53, 5172-5182.	3.7	16
8	Effects of acidification time of MWCNTs on carbon dioxide capture of liquid-like MWCNTs organic hybrid materials. <i>RSC Advances</i> , 2016, 6, 85970-85977.	3.6	14
9	Enhanced the mechanical and damping properties of epoxy nanocomposites by filling with a multi-core solvent-free nanofluids. <i>Materials Letters</i> , 2020, 274, 127999.	2.6	14
10	Dual stimuli-responsive porous ionic liquids with reversible phase transition behavior based on ionic liquid crystals for CO ₂ and C ₂ H ₄ adsorption. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13333-13344.	10.3	12
11	Investigation of a power strip-like composite nanoparticle derivative with liquid-like behaviour on capturing carbon dioxide. <i>New Journal of Chemistry</i> , 2017, 41, 603-610.	2.8	11
12	Damping and mechanical properties of carbon nanotube solvent-free nanofluids-filled epoxy nanocomposites. <i>Polymer Composites</i> , 2021, 42, 3262-3271.	4.6	11
13	Improving the flame retardancy of epoxy resin with ZIF-67@GO nanohybrid as filler. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	7
14	Enhanced mechanical and damping properties of epoxy using aggregated nanoparticles organic-inorganic hybrid as a filler. <i>Composite Interfaces</i> , 2022, 29, 523-536.	2.3	5
15	Phosphorus/nitrogen compound and zinc hydroxystannate-modified graphene oxide for efficient flame retardancy and smoke suppression of epoxy resin. <i>Journal of Applied Polymer Science</i> , 0, , .	2.6	0