

Xiaoyuan Pei

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

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1163117

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all docs

16
docs citations

16
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Nondestructive Damage Detection of Epoxy/Synthetic Fiber Braided Composites. , 2022, , 1-23.		0
2	Micro-flower like Core-shell structured ZnCo@C@1T-2H-MoS2 composites for broadband electromagnetic wave absorption and photothermal performance. Journal of Colloid and Interface Science, 2022, 622, 261-271.	9.4	24
3	Reduce and Concentrate Graphene Quantum Dot Size via Scissors: Vacancy, Pentagon-heptagon and Interstitial Defects in Graphite by Gamma Rays. Journal of Physics Condensed Matter, 2021, 34, .	1.8	1
4	Interface design of carbon filler/polymer composites for electromagnetic interference shielding. New Journal of Chemistry, 2021, 45, 8370-8385.	2.8	10
5	3D printing of advanced lithium batteries: a designing strategy of electrode/electrolyte architectures. Journal of Materials Chemistry A, 2021, 9, 25237-25257.	10.3	50
6	Review: applications, effects and the prospects for electrospun nanofibrous mats in membrane separation. Journal of Materials Science, 2020, 55, 893-924.	3.7	51
7	Effects of structural parameters on the thermal insulation properties of coated carbon fiber fabrics. Textile Reseach Journal, 2020, 90, 1549-1557.	2.2	4
8	Improvement of PVDF nanofiltration membrane potential, separation and anti-fouling performance by electret treatment. Science of the Total Environment, 2020, 722, 137816.	8.0	12
9	Interfacial shear strength of opaque resin/carbon fiber based on mapping from energy dispersive X-ray spectroscopy. Polymer Composites, 2020, 41, 2134-2144.	4.6	7
10	Temperature effects on structural integrity of fiber-reinforced polymer matrix composites: A review. Journal of Applied Polymer Science, 2019, 136, 48206.	2.6	10
11	Effects of Temperature on Bending Properties of Three-Dimensional and Five-Directional Braided Composite. Molecules, 2019, 24, 3977.	3.8	5
12	Location of Tensile Damage Source of Carbon Fiber Braided Composites Based on Two-Step Method. Molecules, 2019, 24, 3524.	3.8	6
13	Recognition of Damage Modes and Hilbert-Huang Transform Analyses of 3D Braided Composites. Journal of Composites Science, 2018, 2, 65.	3.0	5
14	Effect of damage on the vibration modal of a novel three-dimensional and four-directional braided composite T-beam. Composites Part B: Engineering, 2016, 86, 108-119.	12.0	35
15	Vibration modal analysis of three-dimensional and four directional braided composites. Composites Part B: Engineering, 2015, 69, 212-221.	12.0	28
16	Probing mechanical properties of graphene oxide/epoxy composites based on nano indentation technique. Journal of Reinforced Plastics and Composites, 0, , 073168442210757.	3.1	1