

# Xiaoyuan Pei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8832248/publications.pdf>

Version: 2024-02-01

16  
papers

249  
citations

1163117

8  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

189  
citing authors

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