

Juan Wang

List of Publications by Year in descending order

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27
papers

2,735
citations

430874

18
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

4666
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance Photothermal Conversion of Narrow-Bandgap TiO ₂ Nanoparticles. <i>Advanced Materials</i> , 2017, 29, 1603730.	21.0	766
2	Peptide self-assembly: thermodynamics and kinetics. <i>Chemical Society Reviews</i> , 2016, 45, 5589-5604.	38.1	760
3	3D Printed Photoresponsive Devices Based on Shape Memory Composites. <i>Advanced Materials</i> , 2017, 29, 1701627.	21.0	370
4	Programmed Shape-Morphing Scaffolds Enabling Facile 3D Endothelialization. <i>Advanced Functional Materials</i> , 2018, 28, 1801027.	14.9	125
5	Thermal-Disrupting Interface Mitigates Intercellular Cohesion Loss for Accurate Topical Antibacterial Therapy. <i>Advanced Materials</i> , 2020, 32, e1907030.	21.0	75
6	Photothermally Triggered Shape-Adaptable 3D Flexible Electronics. <i>Advanced Materials Technologies</i> , 2017, 2, 1700120.	5.8	69
7	Tunable shape memory polymer mold for multiple microarray replications. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24748-24755.	10.3	52
8	Solvothermally Mediated Self-Assembly of Ultralong Peptide Nanobelts Capable of Optical Waveguiding. <i>Small</i> , 2016, 12, 2575-2579.	10.0	50
9	Trace Water as Prominent Factor to Induce Peptide Self-Assembly: Dynamic Evolution and Governing Interactions in Ionic Liquids. <i>Small</i> , 2017, 13, 1702175.	10.0	49
10	Regulation Effects of Biomimetic Hybrid Scaffolds on Vascular Endothelium Remodeling. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 23583-23594.	8.0	49
11	Breath-Taking Patterns: Discontinuous Hydrophilic Regions for Photonic Crystal Beads Assembly and Patterns Revisualization. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38117-38124.	8.0	46
12	Self-Unfolding Flexible Microelectrode Arrays Based on Shape Memory Polymers. <i>Advanced Materials Technologies</i> , 2019, 4, 1900566.	5.8	46
13	X-ray-responsive polypeptide nanogel for concurrent chemoradiotherapy. <i>Journal of Controlled Release</i> , 2021, 332, 1-9.	9.9	46
14	Nanomaterials for Combinational Radio-Immuno Oncotherapy. <i>Advanced Functional Materials</i> , 2020, 30, 1910676.	14.9	45
15	A stage-specific cell-manipulation platform for inducing endothelialization on demand. <i>National Science Review</i> , 2020, 7, 629-643.	9.5	38
16	Facile synthesis of intelligent nanocomposites as encapsulation for materials protection. <i>Materials Chemistry Frontiers</i> , 2019, 3, 321-330.	5.9	26
17	Graphene oxide encapsulated by mesoporous silica for intelligent anticorrosive coating: studies on release models and self-healing ability. <i>Dalton Transactions</i> , 2019, 48, 13064-13073.	3.3	23
18	Near-Infrared Light-Driven Controllable Motions of Gold-Hollow-Microcone Array. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15927-15935.	8.0	19

#	ARTICLE	IF	CITATIONS
19	Novel nitrogen doped carbon dots enhancing the anticorrosive performance of waterborne epoxy coatings. <i>Nanoscale Advances</i> , 2019, 1, 3443-3451.	4.6	18
20	A Bottom-Up Approach to Dual Shape-Memory Effects. <i>Chemistry of Materials</i> , 2015, 27, 2439-2448.	6.7	17
21	Embryonic zeolite-assisted synthesis of SSZ-13 with superior efficiency and their excellent catalytic performance. <i>Journal of Materials Chemistry A</i> , 2021, 9, 15238-15245.	10.3	17
22	Dipeptide concave nanospheres based on interfacially controlled self-assembly: from crescent to solid. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 30926-30930.	2.8	15
23	Tissue Engineering: Programmed Shape-Morphing Scaffolds Enabling Facile 3D Endothelialization (Adv.) <i>Tissue Engineering Part B: Reviews</i> , 2019, 25, 1494-1504.	14.9	14
24	Shape-Programmable Electronics: Self-Unfolding Flexible Microelectrode Arrays Based on Shape Memory Polymers (<i>Adv. Mater. Technol.</i> 11/2019). <i>Advanced Materials Technologies</i> , 2019, 4, 1970063.	5.8	4
25	One-pot synthesis of Na ⁺ -free Cu-SSZ-13 and its application in the NH ₃ -SCR reaction. <i>Chemical Communications</i> , 2021, 57, 4898-4901.	4.1	3
26	Vapor-condensation-assisted reverse display for anti-counterfeiting applications. , 2016, , .		2
27	Fabrication of inverse opal beads based on biocompatible and biodegradable polymer. , 2017, , .		1