

Ze Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9676494/publications.pdf>

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21
papers

1,498
citations

471061

17
h-index

713013

21
g-index

22
all docs

22
docs citations

22
times ranked

1854
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic enzyme cascade reaction system in microfluidic electrospray microcapsules. <i>Science Advances</i> , 2018, 4, eaat2816.	4.7	277
2	Bio-inspired self-healing structural color hydrogel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5900-5905.	3.3	248
3	Microfluidic Lithography of Bioinspired Helical Micromotors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12127-12131.	7.2	126
4	Responsive Inverse Opal Scaffolds with Biomimetic Enrichment Capability for Cell Culture. <i>Research</i> , 2019, 2019, 9783793.	2.8	124
5	Bioinspired Heterogeneous Structural Color Stripes from Capillaries. <i>Advanced Materials</i> , 2017, 29, 1704569.	11.1	123
6	Multiresponsive Elastic Colloidal Crystals for Reversible Structural Color Patterns. <i>Advanced Functional Materials</i> , 2019, 29, 1902954.	7.8	100
7	Bio-inspired Anisotropic Wettability Surfaces from Dynamic Ferrofluid Assembled Templates. <i>Advanced Functional Materials</i> , 2018, 28, 1705802.	7.8	76
8	Actuation and locomotion driven by moisture in paper made with natural pollen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8711-8718.	3.3	68
9	Enzymatic Inverse Opal Hydrogel Particles for Biocatalyst. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12914-12918.	4.0	65
10	Bio-inspired stimuli-responsive graphene oxide fibers from microfluidics. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15026-15030.	5.2	54
11	Responsive graphene oxide hydrogel microcarriers for controllable cell capture and release. <i>Science China Materials</i> , 2018, 61, 1314-1324.	3.5	53
12	Microfluidic Lithography of Bioinspired Helical Micromotors. <i>Angewandte Chemie</i> , 2017, 129, 12295-12299.	1.6	37
13	Cell Orientation Gradients on an Inverse Opal Substrate. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10091-10095.	4.0	31
14	Tubular inverse opal scaffolds for biomimetic vessels. <i>Nanoscale</i> , 2016, 8, 13574-13580.	2.8	28
15	Microfluidic Generation of Bioinspired Spindle-knotted Graphene Microfibers for Oil Absorption. <i>ChemPhysChem</i> , 2018, 19, 1990-1994.	1.0	22
16	P-glycoprotein Antibody Decorated Porous Hydrogel Particles for Capture and Release of Drug-resistant Tumor Cells. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900136.	3.9	22
17	Digital printing of shape-morphing natural materials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	21
18	An Intrinsically Micro- Nanostructured Pollen Substrate with Tunable Optical Properties for Optoelectronic Applications. <i>Advanced Materials</i> , 2021, 33, e2100566.	11.1	9

#	ARTICLE	IF	CITATIONS
19	Recyclable and Reusable Natural Plant-Based Paper for Repeated Digital Printing and Unprinting. <i>Advanced Materials</i> , 2022, 34, e2109367.	11.1	7
20	Plant-Based Substrate Materials for Flexible Green Electronics. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	5
21	Multiresponsive Nanoparticles: Multiresponsive Elastic Colloidal Crystals for Reversible Structural Color Patterns (<i>Adv. Funct. Mater.</i> 39/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970271.	7.8	2