

Shutao Qiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11305782/publications.pdf>

Version: 2024-02-01

20
papers

2,438
citations

759233

12
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

4744
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional wearable devices for diagnosis and therapy of movement disorders. Nature Nanotechnology, 2014, 9, 397-404.	31.5	1,246
2	Integrated flexible chalcogenide glass photonic devices. Nature Photonics, 2014, 8, 643-649.	31.4	291
3	Bioresorbable Electronic Stent Integrated with Therapeutic Nanoparticles for Endovascular Diseases. ACS Nano, 2015, 9, 5937-5946.	14.6	203
4	Cephalopodâ€­inspired Miniaturized Suction Cups for Smart Medical Skin. Advanced Healthcare Materials, 2016, 5, 80-87.	7.6	175
5	Flexible, sticky, and biodegradable wireless device for drug delivery to brain tumors. Nature Communications, 2019, 10, 5205.	12.8	148
6	Monolithically integrated stretchable photonics. Light: Science and Applications, 2018, 7, 17138-17138.	16.6	94
7	Modular and Reconfigurable Wireless Eâ€­tattoos for Personalized Sensing. Advanced Materials Technologies, 2019, 4, 1900117.	5.8	86
8	Multifunctional Cell-Culture Platform for Aligned Cell Sheet Monitoring, Transfer Printing, and Therapy. ACS Nano, 2015, 9, 2677-2688.	14.6	72
9	Elasticity Solutions to Nonbuckling Serpentine Ribbons. Journal of Applied Mechanics, Transactions ASME, 2017, 84, .	2.2	37
10	Stretchable Tattoo-Like Heater with On-Site Temperature Feedback Control. Micromachines, 2018, 9, 170.	2.9	23
11	Analytical solutions for bonded elastically compressible layers. International Journal of Solids and Structures, 2015, 58, 353-365.	2.7	21
12	Suction effects in cratered surfaces. Journal of the Royal Society Interface, 2017, 14, 20170377.	3.4	12
13	Effects of surface tension on the suction forces generated by miniature craters. Extreme Mechanics Letters, 2017, 15, 130-138.	4.1	7
14	Suction effects of craters under water. Soft Matter, 2018, 14, 8509-8520.	2.7	7
15	Suction effects of crater arrays. Extreme Mechanics Letters, 2019, 30, 100496.	4.1	7
16	Epidermal Electronics: Cephalopodâ€­inspired Miniaturized Suction Cups for Smart Medical Skin (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 T	7.6	4
17	Mechanics of flexible electronics and photonics based on inorganic micro- and nanomaterials. , 2014, ,		2
18	Stress analysis for nanomembranes under stamp compression. Extreme Mechanics Letters, 2016, 7, 136-144.	4.1	2

#	ARTICLE	IF	CITATIONS
19	Stretchable Integrated Microphotonics. , 2018, , .		1
20	Integrated photonics put at full stretch: flexible and stretchable photonic devices enabled by optical and mechanical co-design. , 2019, , .		0