

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

#	ARTICLE	IF	CITATIONS
19	Multifunctional wearable devices for diagnosis and therapy of movement disorders. Nature Nanotechnology, 2014, 9, 397-404.	31.5	1,246
20	Integrated flexible chalcogenide glass photonic devices. Nature Photonics, 2014, 8, 643-649.	31.4	291