

Nicholas Lin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1860350/publications.pdf>

Version: 2024-02-01

10
papers

283
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanodarts, nanoblades, and nanospikes: Mechano-bactericidal nanostructures and where to find them. <i>Advances in Colloid and Interface Science</i> , 2018, 252, 55-68.	14.7	109
2	Hydrophilic Mechano-Bactericidal Nanopillars Require External Forces to Rapidly Kill Bacteria. <i>Nano Letters</i> , 2020, 20, 5720-5727.	9.1	57
3	Surface Wettability Is a Key Feature in the Mechano-Bactericidal Activity of Nanopillars. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 27564-27574.	8.0	27
4	Microfluidic Shear Assay to Distinguish between Bacterial Adhesion and Attachment Strength on Stiffness-Tunable Silicone Substrates. <i>Langmuir</i> , 2019, 35, 8840-8849.	3.5	25
5	Artificial turf infill associated with systematic toxicity in an amniote vertebrate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25156-25161.	7.1	20
6	Anodized Aluminum with Nanoholes Impregnated with Quaternary Ammonium Compounds Can Kill Pathogenic Bacteria within Seconds of Contact. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41207-41214.	8.0	18
7	Magnetic microboats for floating, stiffness tunable, air-liquid interface epithelial cultures. <i>Lab on a Chip</i> , 2019, 19, 2786-2798.	6.0	15
8	<i>Chlamydomonas reinhardtii</i> displays aversive swimming response to silver nanoparticles. <i>Environmental Science: Nano</i> , 2017, 4, 1328-1338.	4.3	7
9	Microfluidic Study of Bacterial Attachment on and Detachment from Zinc Oxide Nanopillars. <i>ACS Biomaterials Science and Engineering</i> , 0, , .	5.2	3
10	Accessible, large-area, uniform dose photolithography using a moving light source. <i>Journal of Micromechanics and Microengineering</i> , 2022, 32, 027001.	2.6	1