

Hao Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5175826/publications.pdf>

Version: 2024-02-01

10
papers

252
citations

1162367

8
h-index

1473754

9
g-index

10
all docs

10
docs citations

10
times ranked

383
citing authors

#	ARTICLE	IF	CITATIONS
1	How Bacteria Respond to Material Stiffness during Attachment: A Role of <i>Escherichia coli</i> Flagellar Motility. ACS Applied Materials & Interfaces, 2017, 9, 22176-22184.	4.0	66
2	Cyclic-di-GMP and oprF Are Involved in the Response of <i>Pseudomonas aeruginosa</i> to Substrate Material Stiffness during Attachment on Polydimethylsiloxane (PDMS). Frontiers in Microbiology, 2018, 9, 110.	1.5	52
3	Controlling <i>Streptococcus mutans</i> and <i>Staphylococcus aureus</i> biofilms with direct current and chlorhexidine. AMB Express, 2017, 7, 204.	1.4	42
4	Sensitizing <i>Pseudomonas aeruginosa</i> to antibiotics by electrochemical disruption of membrane functions. Biomaterials, 2016, 74, 267-279.	5.7	27
5	Eradication of <i>Pseudomonas aeruginosa</i> cells by cathodic electrochemical currents delivered with graphite electrodes. Acta Biomaterialia, 2017, 50, 344-352.	4.1	18
6	Noninvasive Control of Bacterial Biofilms by Wireless Electrostimulation. ACS Biomaterials Science and Engineering, 2020, 6, 727-738.	2.6	14
7	Synergy between tobramycin and trivalent chromium ion in electrochemical control of <i>Pseudomonas aeruginosa</i> . Acta Biomaterialia, 2016, 36, 286-295.	4.1	13
8	An ex vivo model of medical device-mediated bacterial skin translocation. Scientific Reports, 2021, 11, 5746.	1.6	12
9	Moving toward Meaningful Standards for Preclinical Performance Testing of Medical Devices and Combination Products with Antimicrobial Effects. , 2020, , 17-25.		5
10	Magnetically-propelled fecal surrogates for modeling the impact of solid-induced shear forces on primary colonic epithelial cells. Biomaterials, 2021, 276, 121059.	5.7	3