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List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

224
citations

1306789

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1588620

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10
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between Engineered Pluronic Silica Nanoparticles and Bacterial Biofilms: Elucidating the Role of Nanoparticle Surface Chemistry and EPS Matrix. ACS Applied Materials & Interfaces, 2022, 14, 34502-34512.	4.0	7
2	Enzyme-Functionalized Mesoporous Silica Nanoparticles to Target Staphylococcus aureus and Disperse Biofilms. International Journal of Nanomedicine, 2021, Volume 16, 1929-1942.	3.3	27
3	Synthesis and self-assembly of curcumin-modified amphiphilic polymeric micelles with antibacterial activity. Journal of Nanobiotechnology, 2021, 19, 104.	4.2	42
4	Self-assembly and regeneration strategy for mitigation of membrane biofouling by the exploitation of enzymatic nanoparticles. Chemical Engineering Journal, 2021, 412, 128666.	6.6	21
5	Enhancing curcumin's solubility and antibiofilm activity via silica surface modification. Nanoscale Advances, 2020, 2, 1694-1708.	2.2	25
6	A high throughput method to investigate nanoparticle entrapment efficiencies in biofilms. Colloids and Surfaces B: Biointerfaces, 2020, 193, 111123.	2.5	16
7	Surface functionalization-dependent localization and affinity of SiO ₂ nanoparticles within the biofilm EPS matrix. Biofilm, 2020, 2, 100029.	1.5	19
8	Ratiometric Imaging of the in Situ pH Distribution of Biofilms by Use of Fluorescent Mesoporous Silica Nanosensors. ACS Applied Materials & Interfaces, 2019, 11, 32679-32688.	4.0	67
9	Fundamental nanoparticle interactions with biofilms of Pseudomonas species. Access Microbiology, 2019, 1, .	0.2	0
10	Investigation into the physicochemical interactions of silica nanoparticles and EPS biomolecules within the biofilm matrix of Pseudomonas spp.. Access Microbiology, 2019, 1, .	0.2	0