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List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,089
citations

623734

14
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1350
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalized polyamide membranes yield suppression of biofilm and planktonic bacteria while retaining flux and selectivity. Separation and Purification Technology, 2022, 282, 119981.	7.9	8
2	Lacritin proteoforms prevent tear film collapse and maintain epithelial homeostasis. Journal of Biological Chemistry, 2021, 296, 100070.	3.4	12
3	Recent Experimental Developments in Studying Passive Membrane Transport of Drug Molecules. Molecular Pharmaceutics, 2021, 18, 2122-2141.	4.6	22
4	Lacritin bactericidal peptide Nâ€104 targets FeoB and PotH through interaction with the surfaceâ€exposed lipoprotein YaiW. FASEB Journal, 2021, 35, .	0.5	0
5	Determination of bacterial surface charge density via saturation of adsorbed ions. Biophysical Journal, 2021, 120, 2461-2470.	0.5	44
6	Tailoring the Biocidal Activity of Novel Silver-Based Metal Azolate Frameworks. ACS Sustainable Chemistry and Engineering, 2020, 8, 7588-7599.	6.7	48
7	Influence of molecular structure on passive membrane transport: A case study by second harmonic light scattering. Journal of Chemical Physics, 2019, 150, 104705.	3.0	26
8	Spatially Resolved Membrane Transport in a Single Cell Imaged by Second Harmonic Light Scattering. Biochemistry, 2019, 58, 1841-1844.	2.5	27
9	Azithromycin-Induced Changes to Bacterial Membrane Properties Monitored <i>in Vitro</i> by Second-Harmonic Light Scattering. ACS Medicinal Chemistry Letters, 2018, 9, 569-574.	2.8	37
10	A Novel Nanocomposite with Superior Antibacterial Activity: A Silver-Based Metal Organic Framework Embellished with Graphene Oxide. Advanced Materials Interfaces, 2018, 5, 1701365.	3.7	107
11	Exploiting Synergetic Effects of Graphene Oxide and a Silver-Based Metal Organic Framework To Enhance Antifouling and Anti-Biofouling Properties of Thin-Film Nanocomposite Membranes. ACS Applied Materials & Interfaces, 2018, 10, 42967-42978.	8.0	161
12	Antimicrobial Mode-of-Action of Colloidal Ti ₃ C ₂ MXene Nanosheets. ACS Sustainable Chemistry and Engineering, 2018, 6, 16586-16596.	6.7	205
13	Antimicrobial Properties of 2D MnO ₂ and MoS ₂ Nanomaterials Vertically Aligned on Graphene Materials and Ti ₃ C ₂ MXene. Langmuir, 2018, 34, 7192-7200.	3.5	111
14	Mitigation of Thin-Film Composite Membrane Biofouling via Immobilizing Nano-Sized Biocidal Reservoirs in the Membrane Active Layer. Environmental Science & Technology, 2017, 51, 5511-5522.	10.0	158
15	Cell Membrane Integrity Examined by Nonlinear Light Scattering. Biophysical Journal, 2016, 110, 160a.	0.5	1
16	Label-Free Optical Method for Quantifying Molecular Transport Across Cellular Membranes In Vitro. Journal of Physical Chemistry Letters, 2016, 7, 3406-3411.	4.6	34
17	Chemically Induced Changes to Membrane Permeability in Living Cells Probed with Nonlinear Light Scattering. Biochemistry, 2015, 54, 4427-4430.	2.5	33
18	Gram TM s Stain Does Not Cross the Bacterial Cytoplasmic Membrane. ACS Chemical Biology, 2015, 10, 1711-1717.	3.4	51

#	ARTICLE	IF	CITATIONS
19	Design and construct of a new detector for gas chromatography based on continuous negative corona discharge. Review of Scientific Instruments, 2011, 82, 055114.	1.3	3
20	Imaging Molecular Transport Through the Membrane of a Living Cell. SSRN Electronic Journal, 0, , .	0.4	1