

# Mohammad Sharifian Gh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9032547/publications.pdf>

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	Antimicrobial Mode-of-Action of Colloidal Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Nanosheets. ACS Sustainable Chemistry and Engineering, 2018, 6, 16586-16596.	6.7	205
2	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
3	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
4	Antimicrobial Properties of 2D MnO <sub>2</sub> and MoS <sub>2</sub> Nanomaterials Vertically Aligned on Graphene Materials and Ti <sub>3</sub> C <sub>2</sub> MXene. Langmuir, 2018, 34, 7192-7200.	3.5	111
5	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
6	Gram <sup>+</sup> Stain Does Not Cross the Bacterial Cytoplasmic Membrane. ACS Chemical Biology, 2015, 10, 1711-1717.	3.4	51
7	Tailoring the Biocidal Activity of Novel Silver-Based Metal Azolate Frameworks. ACS Sustainable Chemistry and Engineering, 2020, 8, 7588-7599.	6.7	48
8	Determination of bacterial surface charge density via saturation of adsorbed ions. Biophysical Journal, 2021, 120, 2461-2470.	0.5	44
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	Label-Free Optical Method for Quantifying Molecular Transport Across Cellular Membranes <i>In Vitro</i> . Journal of Physical Chemistry Letters, 2016, 7, 3406-3411.	4.6	34
11	Chemically Induced Changes to Membrane Permeability in Living Cells Probed with Nonlinear Light Scattering. Biochemistry, 2015, 54, 4427-4430.	2.5	33
12	Spatially Resolved Membrane Transport in a Single Cell Imaged by Second Harmonic Light Scattering. Biochemistry, 2019, 58, 1841-1844.	2.5	27
13	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
14	Recent Experimental Developments in Studying Passive Membrane Transport of Drug Molecules. Molecular Pharmaceutics, 2021, 18, 2122-2141.	4.6	22
15	Lacritin proteoforms prevent tear film collapse and maintain epithelial homeostasis. Journal of Biological Chemistry, 2021, 296, 100070.	3.4	12
16	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
17	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
18	Cell Membrane Integrity Examined by Nonlinear Light Scattering. Biophysical Journal, 2016, 110, 160a.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Imaging Molecular Transport Through the Membrane of a Living Cell. SSRN Electronic Journal, 0, , .	0.4	1
20	Lacritin bactericidal peptide Nâ€104 targets FeoB and PotH through interaction with the surfaceâ€exposed lipoprotein YaiW. FASEB Journal, 2021, 35, .	0.5	0