

# Hamed Gholami Derami

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3070178/publications.pdf>

Version: 2024-02-01

16  
papers

1,139  
citations

687363

13  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polydopamine-filled bacterial nanocellulose as a biodegradable interfacial photothermal evaporator for highly efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18397-18402.	10.3	257
2	Advances in solar evaporator materials for freshwater generation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24092-24123.	10.3	190
3	Ultrabright fluorescent nanoscale labels for the femtomolar detection of analytes with standard bioassays. <i>Nature Biomedical Engineering</i> , 2020, 4, 518-530.	22.5	110
4	A Robust and Scalable Polydopamine/Bacterial Nanocellulose Hybrid Membrane for Efficient Wastewater Treatment. <i>ACS Applied Nano Materials</i> , 2019, 2, 1092-1101.	5.0	89
5	Experimental investigation of the effect of using thermosyphon heat pipes and vacuum glass on the performance of solar still. <i>Energy</i> , 2014, 75, 501-507.	8.8	78
6	Polydopamine@Mesoporous Silica Core@Shell Nanoparticles for Combined Photothermal Immunotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 42499-42510.	8.0	69
7	Flexible solid-state supercapacitor based on tin oxide/reduced graphene oxide/bacterial nanocellulose. <i>RSC Advances</i> , 2018, 8, 31296-31302.	3.6	62
8	Catalytically Active Bacterial Nanocellulose-Based Ultrafiltration Membrane. <i>Small</i> , 2018, 14, e1704006.	10.0	59
9	Add-on plasmonic patch as a universal fluorescence enhancer. <i>Light: Science and Applications</i> , 2018, 7, 29.	16.6	58
10	Reversible Photothermal Modulation of Electrical Activity of Excitable Cells using Polydopamine Nanoparticles. <i>Advanced Materials</i> , 2021, 33, e2008809.	21.0	52
11	Plasmonic Paper Microneedle Patch for On-Patch Detection of Molecules in Dermal Interstitial Fluid. <i>ACS Sensors</i> , 2019, 4, 1569-1576.	7.8	48
12	Palladium Nanoparticle-Decorated Mesoporous Polydopamine/Bacterial Nanocellulose as a Catalytically Active Universal Dye Removal Ultrafiltration Membrane. <i>ACS Applied Nano Materials</i> , 2020, 3, 5437-5448.	5.0	36
13	Bottom-Up Fabrication of Plasmonic Nanoantenna-Based High-throughput Multiplexing Biosensors for Ultrasensitive Detection of microRNAs Directly from Cancer Patients' Plasma. <i>Analytical Chemistry</i> , 2020, 92, 9295-9304.	6.5	22
14	Experimental and computational study of gas bubble removal in a microfluidic system using nanofibrous membranes. <i>Microsystem Technologies</i> , 2017, 23, 2685-2698.	2.0	6
15	Computational and Experimental Study of Gas Bubbles Removal in a Microfluidic System. , 2015, , .		2
16	In Situ Grown Gold Nanoisland-Based Chemiresistive Electronic Nose for Sniffing Distinct Odor Fingerprints. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 3207-3217.	8.0	1