

Abdullah Muhammad Syed

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

1,596
citations

16
h-index

28
g-index

28
ext. papers

2,493
ext. citations

18.1
avg, IF

4.82
L-index

#	Paper	IF	Citations
25	Omicron mutations enhance infectivity and reduce antibody neutralization of SARS-CoV-2 virus-like particles. 2022 ,		13
24	Limited cross-variant immunity after infection with the SARS-CoV-2 Omicron variant without vaccination. 2022 ,		9
23	Neutralizing immunity in vaccine breakthrough infections from the SARS-CoV-2 Omicron and Delta variants.. <i>Cell</i> , 2022 ,	56.2	16
22	Rapid assessment of SARS-CoV-2 evolved variants using virus-like particles. <i>Science</i> , 2021 , eabl6184	33.3	46
21	Subtherapeutic Photodynamic Treatment Facilitates Tumor Nanomedicine Delivery and Overcomes Desmoplasia. <i>Nano Letters</i> , 2021 , 21, 344-352	11.5	9
20	Specific Endothelial Cells Govern Nanoparticle Entry into Solid Tumors. <i>ACS Nano</i> , 2021 , 15, 14080-14094	46.7	5
19	Flow Rate Affects Nanoparticle Uptake into Endothelial Cells. <i>Advanced Materials</i> , 2020 , 32, e1906274	24	28
18	Liposome Imaging in Optically Cleared Tissues. <i>Nano Letters</i> , 2020 , 20, 1362-1369	11.5	17
17	The entry of nanoparticles into solid tumours. <i>Nature Materials</i> , 2020 , 19, 566-575	27	558
16	The dose threshold for nanoparticle tumour delivery. <i>Nature Materials</i> , 2020 , 19, 1362-1371	27	106
15	Supervised Learning and Mass Spectrometry Predicts the Fate of Nanomaterials. <i>ACS Nano</i> , 2019 , 13, 8023-8034	16.7	56
14	Engineering Steps for Mobile Point-of-Care Diagnostic Devices. <i>Accounts of Chemical Research</i> , 2019 , 52, 2406-2414	24.3	25
13	Assessing micrometastases as a target for nanoparticles using 3D microscopy and machine learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 14937-14946	11.5	36
12	Quantifying the Ligand-Coated Nanoparticle Delivery to Cancer Cells in Solid Tumors. <i>ACS Nano</i> , 2018 , 12, 8423-8435	16.7	287
11	Three-Dimensional Imaging of Transparent Tissues via Metal Nanoparticle Labeling. <i>Journal of the American Chemical Society</i> , 2017 , 139, 9961-9971	16.4	46
10	Making vessels more permeable. <i>Nature Biomedical Engineering</i> , 2017 , 1, 629-631	19	3
9	Exploring Passive Clearing for 3D Optical Imaging of Nanoparticles in Intact Tissues. <i>Bioconjugate Chemistry</i> , 2017 , 28, 253-259	6.3	35

8	Clarifying intact 3D tissues on a microfluidic chip for high-throughput structural analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14915-14920	11.5	39
7	Three-Dimensional Optical Mapping of Nanoparticle Distribution in Intact Tissues. <i>ACS Nano</i> , 2016 , 10, 5468-78	16.7	63
6	How nanoparticles interact with cancer cells. <i>Cancer Treatment and Research</i> , 2015 , 166, 227-44	3.5	14
5	Integrated quantum dot barcode smartphone optical device for wireless multiplexed diagnosis of infected patients. <i>ACS Nano</i> , 2015 , 9, 3060-74	16.7	137
4	On-demand drug delivery from self-assembled nanofibrous gels: a new approach for treatment of proteolytic disease. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 97, 103-10	5.4	33
3	A novel MOEMS pressure sensor: Modelling and experimental evaluation. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2009 , 34, 615-623	1	1
2	Neutralizing immunity in vaccine breakthrough infections from the SARS-CoV-2 Omicron and Delta variants		1
1	Rapid assessment of SARS-CoV-2 evolved variants using virus-like particles		7