

Abdullah Muhammad Syed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1991575/publications.pdf>

Version: 2024-02-01

24
papers

3,215
citations

393982

19
h-index

610482

24
g-index

28
all docs

28
docs citations

28
times ranked

4990
citing authors

#	ARTICLE	IF	CITATIONS
1	The entry of nanoparticles into solid tumours. <i>Nature Materials</i> , 2020, 19, 566-575.	13.3	1,036
2	Quantifying the Ligand-Coated Nanoparticle Delivery to Cancer Cells in Solid Tumors. <i>ACS Nano</i> , 2018, 12, 8423-8435.	7.3	444
3	The dose threshold for nanoparticle tumour delivery. <i>Nature Materials</i> , 2020, 19, 1362-1371.	13.3	295
4	Rapid assessment of SARS-CoV-2â€“evolved variants using virus-like particles. <i>Science</i> , 2021, 374, 1626-1632.	6.0	216
5	Integrated Quantum Dot Barcode Smartphone Optical Device for Wireless Multiplexed Diagnosis of Infected Patients. <i>ACS Nano</i> , 2015, 9, 3060-3074.	7.3	157
6	Limited cross-variant immunity from SARS-CoV-2 Omicron without vaccination. <i>Nature</i> , 2022, 607, 351-355.	13.7	143
7	Neutralizing immunity in vaccine breakthrough infections from the SARS-CoV-2 Omicron and Delta variants. <i>Cell</i> , 2022, 185, 1539-1548.e5.	13.5	126
8	Supervised Learning and Mass Spectrometry Predicts the <i>in Vivo</i> Fate of Nanomaterials. <i>ACS Nano</i> , 2019, 13, 8023-8034.	7.3	109
9	Three-Dimensional Optical Mapping of Nanoparticle Distribution in Intact Tissues. <i>ACS Nano</i> , 2016, 10, 5468-5478.	7.3	73
10	Flow Rate Affects Nanoparticle Uptake into Endothelial Cells. <i>Advanced Materials</i> , 2020, 32, e1906274.	11.1	69
11	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.	3.3	62
12	Three-Dimensional Imaging of Transparent Tissues via Metal Nanoparticle Labeling. <i>Journal of the American Chemical Society</i> , 2017, 139, 9961-9971.	6.6	60
13	Specific Endothelial Cells Govern Nanoparticle Entry into Solid Tumors. <i>ACS Nano</i> , 2021, 15, 14080-14094.	7.3	60
14	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.	3.3	55
15	Engineering Steps for Mobile Point-of-Care Diagnostic Devices. <i>Accounts of Chemical Research</i> , 2019, 52, 2406-2414.	7.6	43
16	Exploring Passive Clearing for 3D Optical Imaging of Nanoparticles in Intact Tissues. <i>Bioconjugate Chemistry</i> , 2017, 28, 253-259.	1.8	39
17	Onâ€“demand drug delivery from selfâ€“assembled nanofibrous gels: A new approach for treatment of proteolytic disease. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 97A, 103-110.	2.1	37
18	Liposome Imaging in Optically Cleared Tissues. <i>Nano Letters</i> , 2020, 20, 1362-1369.	4.5	28

#	ARTICLE	IF	CITATIONS
19	Subtherapeutic Photodynamic Treatment Facilitates Tumor Nanomedicine Delivery and Overcomes Desmoplasia. <i>Nano Letters</i> , 2021, 21, 344-352.	4.5	28
20	How Nanoparticles Interact with Cancer Cells. <i>Cancer Treatment and Research</i> , 2015, 166, 227-244.	0.2	16
21	Impact of Tumor Barriers on Nanoparticle Delivery to Macrophages. <i>Molecular Pharmaceutics</i> , 2022, 19, 1917-1925.	2.3	7
22	Gold Nanoparticle Smartphone Platform for Diagnosing Urinary Tract Infections. <i>ACS Nanoscience Au</i> , 2022, 2, 324-332.	2.0	7
23	Making vessels more permeable. <i>Nature Biomedical Engineering</i> , 2017, 1, 629-631.	11.6	5
24	A novel MOEMS pressure sensor: Modelling and experimental evaluation. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2009, 34, 615-623.	0.8	1