

Adrian Najer

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,767
citations

516561

16
h-index

580701

25
g-index

27
all docs

27
docs citations

27
times ranked

2595
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioinspired polymer vesicles and membranes for biological and medical applications. <i>Chemical Society Reviews</i> , 2016, 45, 377-411.	18.7	485
2	Renal clearable catalytic gold nanoclusters for in vivo disease monitoring. <i>Nature Nanotechnology</i> , 2019, 14, 883-890.	15.6	333
3	Molecular Organization and Dynamics in Polymersome Membranes: A Lateral Diffusion Study. <i>Macromolecules</i> , 2014, 47, 7588-7596.	2.2	122
4	Photoreaction of a Hydroxyalkylphenone with the Membrane of Polymersomes: A Versatile Method To Generate Semipermeable Nanoreactors. <i>Journal of the American Chemical Society</i> , 2013, 135, 9204-9212.	6.6	113
5	Dynamics of Membrane Proteins within Synthetic Polymer Membranes with Large Hydrophobic Mismatch. <i>Nano Letters</i> , 2015, 15, 3871-3878.	4.5	93
6	Stimuli-Triggered Activity of Nanoreactors by Biomimetic Engineering Polymer Membranes. <i>Nano Letters</i> , 2015, 15, 7596-7603.	4.5	77
7	Neutrophils Enable Local and Non-Invasive Liposome Delivery to Inflamed Skeletal Muscle and Ischemic Heart. <i>Advanced Materials</i> , 2020, 32, e2003598.	11.1	66
8	Nanomimics of Host Cell Membranes Block Invasion and Expose Invasive Malaria Parasites. <i>ACS Nano</i> , 2014, 8, 12560-12571.	7.3	60
9	Mimicking Cellular Signaling Pathways within Synthetic Multicompartment Vesicles with Triggered Enzyme Activity and Induced Ion Channel Recruitment. <i>Advanced Functional Materials</i> , 2019, 29, 1904267.	7.8	58
10	Multicompartment Polymer Vesicles with Artificial Organelles for Signal-Triggered Cascade Reactions Including Cytoskeleton Formation. <i>Advanced Functional Materials</i> , 2020, 30, 2002949.	7.8	57
11	Polymer nanocompartments in broad-spectrum medical applications. <i>Nanomedicine</i> , 2013, 8, 425-447.	1.7	49
12	Single Particle Automated Raman Trapping Analysis. <i>Nature Communications</i> , 2018, 9, 4256.	5.8	37
13	Tumor-Targeting Cholesterol-Decorated DNA Nanoflowers for Intracellular Ratiometric Aptasensing. <i>Advanced Materials</i> , 2021, 33, e2007738.	11.1	34
14	An amphiphilic graft copolymer-based nanoparticle platform for reduction-responsive anticancer and antimalarial drug delivery. <i>Nanoscale</i> , 2016, 8, 14858-14869.	2.8	33
15	Controlled Dendrimersome Nanoreactor System for Localized Hypochlorite-Induced Killing of Bacteria. <i>ACS Nano</i> , 2020, 14, 17333-17353.	7.3	29
16	Cellular dissection of malaria parasite invasion of human erythrocytes using viable Plasmodium knowlesi merozoites. <i>Scientific Reports</i> , 2018, 8, 10165.	1.6	26
17	Tuneable peptide cross-linked nanogels for enzyme-triggered protein delivery. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8894-8907.	2.9	21
18	Presentation of antigen on extracellular vesicles using transmembrane domains from viral glycoproteins for enhanced immunogenicity. <i>Journal of Extracellular Vesicles</i> , 2022, 11, e12199.	5.5	14

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19	Analysis of Molecular Parameters Determining the Antimalarial Activity of Polymer-Based Nanomimics. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1923-1928.	2.0	13
20	Block Length-Dependent Protein Fouling on Poly(2-Oxazoline)-Based Polymersomes: Influence on Macrophage Association and Circulation Behavior. <i>Small</i> , 2022, 18, .	5.2	10
21	Nanoparticle-based highly sensitive MRI contrast agents with enhanced relaxivity in reductive milieu. <i>Chemical Communications</i> , 2016, 52, 9937-9940.	2.2	9
22	Giant Host Red Blood Cell Membrane Mimicking Polymersomes Bind Parasite Proteins and Malaria Parasites. <i>Chimia</i> , 2016, 70, 288.	0.3	9
23	Potent Virustatic Polymer-Lipid Nanomimics Block Viral Entry and Inhibit Malaria Parasites In Vivo. <i>ACS Central Science</i> , 2022, 8, 1238-1257.	5.3	9
24	Challenges in Malaria Management and a Glimpse at Some Nanotechnological Approaches. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1052, 103-112.	0.8	7
25	Bacterial Toxin-Triggered Release of Antibiotics from Capsosomes Protects a Fly Model from Lethal Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Infection. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200036.	3.9	3