

Pavimol Angsantikul

List of Publications by Citations

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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.

41
papers

4,069
citations

26
h-index

43
g-index

43
ext. papers

4,973
ext. citations

14.3
avg, IF

5.26
L-index

#	Paper	IF	Citations
41	Nanoparticle biointerfacing by platelet membrane cloaking. <i>Nature</i> , 2015 , 526, 118-21	50.4	890
40	Micromotor-enabled active drug delivery for in vivo treatment of stomach infection. <i>Nature Communications</i> , 2017 , 8, 272	17.4	301
39	Modulating antibacterial immunity via bacterial membrane-coated nanoparticles. <i>Nano Letters</i> , 2015 , 15, 1403-9	11.5	288
38	Erythrocyte-Platelet Hybrid Membrane Coating for Enhanced Nanoparticle Functionalization. <i>Advanced Materials</i> , 2017 , 29, 1606209	24	287
37	Macrophage-like nanoparticles concurrently absorbing endotoxins and proinflammatory cytokines for sepsis management. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 11488-11493	11.5	218
36	Nanoparticle approaches against bacterial infections. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2014 , 6, 532-47	9.2	168
35	Enteric Micromotor Can Selectively Position and Spontaneously Propel in the Gastrointestinal Tract. <i>ACS Nano</i> , 2016 , 10, 9536-9542	16.7	158
34	Active Intracellular Delivery of a Cas9/sgRNA Complex Using Ultrasound-Propelled Nanomotors. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2657-2661	16.4	131
33	Micromotors Spontaneously Neutralize Gastric Acid for pH-Responsive Payload Release. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2156-2161	16.4	126
32	Hybrid biomembrane-functionalized nanorobots for concurrent removal of pathogenic bacteria and toxins. <i>Science Robotics</i> , 2018 , 3,	18.6	125
31	Nanomotor-Enabled pH-Responsive Intracellular Delivery of Caspase-3: Toward Rapid Cell Apoptosis. <i>ACS Nano</i> , 2017 , 11, 5367-5374	16.7	117
30	Biomimetic Micromotor Enables Active Delivery of Antigens for Oral Vaccination. <i>Nano Letters</i> , 2019 , 19, 1914-1921	11.5	103
29	Detoxification of Organophosphate Poisoning Using Nanoparticle Bioscavengers. <i>ACS Nano</i> , 2015 , 9, 6450-8	16.7	102
28	Biomimetic Platelet-Camouflaged Nanorobots for Binding and Isolation of Biological Threats. <i>Advanced Materials</i> , 2018 , 30, 1704800	24	99
27	Erythrocyte membrane-coated nanogel for combinatorial antivirulence and responsive antimicrobial delivery against <i>Staphylococcus aureus</i> infection. <i>Journal of Controlled Release</i> , 2017 , 263, 185-191	11.7	93
26	Hydrogel Retaining Toxin-Absorbing Nanosponges for Local Treatment of Methicillin-Resistant <i>Staphylococcus aureus</i> Infection. <i>Advanced Materials</i> , 2015 , 27, 3437-43	24	88
25	Micromotors Go In Vivo: From Test Tubes to Live Animals. <i>Advanced Functional Materials</i> , 2018 , 28, 1705640	16.4	86

24	Chemotactic Guidance of Synthetic Organic/Inorganic Payloads Functionalized Sperm Micromotors. <i>Advanced Biology</i> , 2018 , 2, 1700160	3.5	76
23	Nanoparticle-Based Antivirulence Vaccine for the Management of Methicillin-Resistant Skin Infection. <i>Advanced Functional Materials</i> , 2016 , 26, 1628-1635	15.6	70
22	In Situ Capture of Bacterial Toxins for Antivirulence Vaccination. <i>Advanced Materials</i> , 2017 , 29, 1701644	24	67
21	Coating nanoparticles with gastric epithelial cell membrane for targeted antibiotic delivery against infection. <i>Advanced Therapeutics</i> , 2018 , 1, 1800016	4.9	67
20	Micromotor Pills as a Dynamic Oral Delivery Platform. <i>ACS Nano</i> , 2018 , 12, 8397-8405	16.7	65
19	Inhibition of Pathogen Adhesion by Bacterial Outer Membrane-Coated Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11404-11408	16.4	63
18	Remote Loading of Small-Molecule Therapeutics into Cholesterol-Enriched Cell-Membrane-Derived Vesicles. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14075-14079	16.4	53
17	Cell Membrane-Coated Nanoparticles As an Emerging Antibacterial Vaccine Platform. <i>Vaccines</i> , 2015 , 3, 814-28	5.3	39
16	Toxoid Vaccination against Bacterial Infection Using Cell Membrane-Coated Nanoparticles. <i>Bioconjugate Chemistry</i> , 2018 , 29, 604-612	6.3	33
15	Parallel Label-Free Isolation of Cancer Cells Using Arrays of Acoustic Microstreaming Traps. <i>Advanced Materials Technologies</i> , 2019 , 4, 1800374	6.8	22
14	Nanofibre optic force transducers with sub-piconewton resolution via near-field plasmon-dielectric interactions. <i>Nature Photonics</i> , 2017 , 11, 352-355	33.9	21
13	Ionic Liquids and Deep Eutectic Solvents for Enhanced Delivery of Antibodies in the Gastrointestinal Tract. <i>Advanced Functional Materials</i> , 2020 , 2002912	15.6	20
12	Active Intracellular Delivery of a Cas9/sgRNA Complex Using Ultrasound-Propelled Nanomotors. <i>Angewandte Chemie</i> , 2018 , 130, 2687-2691	3.6	17
11	Neutralization of cholera toxin with nanoparticle decoys for treatment of cholera. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006266	4.8	17
10	Micromotors Spontaneously Neutralize Gastric Acid for pH-Responsive Payload Release. <i>Angewandte Chemie</i> , 2017 , 129, 2188-2193	3.6	16
9	Composite thermoresponsive hydrogel with auranofin-loaded nanoparticles for topical treatment of vaginal trichomonad infection. <i>Advanced Therapeutics</i> , 2019 , 2, 1900157	4.9	9
8	Ionic-Liquid-Based Safe Adjuvants. <i>Advanced Materials</i> , 2020 , 32, e2002990	24	8
7	Modulation of Gastrointestinal Mucus Properties with Ionic Liquids for Drug Delivery. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2002192	10.1	5

6	Nanocarriers: Erythrocyte Platelet Hybrid Membrane Coating for Enhanced Nanoparticle Functionalization (Adv. Mater. 16/2017). <i>Advanced Materials</i> , 2017 , 29,	24	4
5	Inhibition of Pathogen Adhesion by Bacterial Outer Membrane-Coated Nanoparticles. <i>Angewandte Chemie</i> , 2019 , 131, 11526-11530	3.6	4
4	Innentitelbild: Active Intracellular Delivery of a Cas9/sgRNA Complex Using Ultrasound-Propelled Nanomotors (Angew. Chem. 10/2018). <i>Angewandte Chemie</i> , 2018 , 130, 2532-2532	3.6	1
3	Amphiphilic Polyacrylamide Excipients Lead to a Record-Breaking Fast-Acting Insulin. <i>Trends in Pharmacological Sciences</i> , 2020 , 41, 681-684	13.2	1
2	Remote Loading of Small-Molecule Therapeutics into Cholesterol-Enriched Cell-Membrane-Derived Vesicles. <i>Angewandte Chemie</i> , 2017 , 129, 14263-14267	3.6	0
1	Hydrogels: Hydrogel Retaining Toxin-Absorbing Nanosponges for Local Treatment of Methicillin-Resistant <i>Staphylococcus aureus</i> Infection (Adv. Mater. 22/2015). <i>Advanced Materials</i> , 2015 , 27, 3342-3342	24	0