Pavimol Angsantikul

List of Publications by Year in Descending Order

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	Modulation of Gastrointestinal Mucus Properties with Ionic Liquids for Drug Delivery. *Advanced Healthcare Materials*, **2021**, 10, e2002192	10.1	5
40	Ionic Liquids and Deep Eutectic Solvents for Enhanced Delivery of Antibodies in the Gastrointestinal Tract. *Advanced Functional Materials*, **2020**, 2002912	15.6	20
39	Amphiphilic Polyacrylamide Excipients Lead to a Record-Breaking Fast-Acting Insulin. *Trends in Pharmacological Sciences*, **2020**, 41, 681-684	13.2	1
38	Ionic-Liquid-Based Safe Adjuvants. *Advanced Materials*, **2020**, 32, e2002990	24	8
37	Inhibition of Pathogen Adhesion by Bacterial Outer Membrane-Coated Nanoparticles. *Angewandte Chemie - International Edition*, **2019**, 58, 11404-11408	16.4	63
36	Inhibition of Pathogen Adhesion by Bacterial Outer Membrane-Coated Nanoparticles. *Angewandte Chemie*, **2019**, 131, 11526-11530	3.6	4
35	Biomimetic Micromotor Enables Active Delivery of Antigens for Oral Vaccination. *Nano Letters*, **2019**, 19, 1914-1921	11.5	103
34	Composite thermoresponsive hydrogel with auranofin-loaded nanoparticles for topical treatment of vaginal trichomonad infection. *Advanced Therapeutics*, **2019**, 2, 1900157	4.9	9
33	Parallel Label-Free Isolation of Cancer Cells Using Arrays of Acoustic Microstreaming Traps. *Advanced Materials Technologies*, **2019**, 4, 1800374	6.8	22
32	Innentitelbild: Active Intracellular Delivery of a Cas9/sgRNA Complex Using Ultrasound-Propelled Nanomotors (Angew. Chem. 10/2018). *Angewandte Chemie*, **2018**, 130, 2532-2532	3.6	1
31	Active Intracellular Delivery of a Cas9/sgRNA Complex Using Ultrasound-Propelled Nanomotors. *Angewandte Chemie*, **2018**, 130, 2687-2691	3.6	17
30	Micromotors Go In Vivo: From Test Tubes to Live Animals. *Advanced Functional Materials*, **2018**, 28, 1705640	15.6	86
29	Active Intracellular Delivery of a Cas9/sgRNA Complex Using Ultrasound-Propelled Nanomotors. *Angewandte Chemie - International Edition*, **2018**, 57, 2657-2661	16.4	131
28	Micromotor Pills as a Dynamic Oral Delivery Platform. *ACS Nano*, **2018**, 12, 8397-8405	16.7	65
27	Neutralization of cholera toxin with nanoparticle decoys for treatment of cholera. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006266	4.8	17
26	Biomimetic Platelet-Camouflaged Nanorobots for Binding and Isolation of Biological Threats. *Advanced Materials*, **2018**, 30, 1704800	24	99
25	Toxoid Vaccination against Bacterial Infection Using Cell Membrane-Coated Nanoparticles. *Bioconjugate Chemistry*, **2018**, 29, 604-612	6.3	33

24	Coating nanoparticles with gastric epithelial cell membrane for targeted antibiotic delivery against infection. *Advanced Therapeutics*, **2018**, 1, 1800016	4.9	67
23	Hybrid biomembrane-functionalized nanorobots for concurrent removal of pathogenic bacteria and toxins. *Science Robotics*, **2018**, 3,	18.6	125
22	Chemotactic Guidance of Synthetic Organic/Inorganic Payloads Functionalized Sperm Micromotors. *Advanced Biology*, **2018**, 2, 1700160	3.5	76
21	Micromotors Spontaneously Neutralize Gastric Acid for pH-Responsive Payload Release. *Angewandte Chemie - International Edition*, **2017**, 56, 2156-2161	16.4	126
20	Micromotors Spontaneously Neutralize Gastric Acid for pH-Responsive Payload Release. *Angewandte Chemie*, **2017**, 129, 2188-2193	3.6	16
19	Erythrocyte membrane-coated nanogel for combinatorial antivirulence and responsive antimicrobial delivery against Staphylococcus aureus infection. *Journal of Controlled Release*, **2017**, 263, 185-191	11.7	93
18	Erythrocyte-Platelet Hybrid Membrane Coating for Enhanced Nanoparticle Functionalization. *Advanced Materials*, **2017**, 29, 1606209	24	287
17	Nanocarriers: Erythrocyte–Platelet Hybrid Membrane Coating for Enhanced Nanoparticle Functionalization (Adv. Mater. 16/2017). *Advanced Materials*, **2017**, 29,	24	4
16	Nanofibre optic force transducers with sub-piconewton resolution via near-field plasmon-dielectric interactions. *Nature Photonics*, **2017**, 11, 352-355	33.9	21
15	Nanomotor-Enabled pH-Responsive Intracellular Delivery of Caspase-3: Toward Rapid Cell Apoptosis. *ACS Nano*, **2017**, 11, 5367-5374	16.7	117
14	Remote Loading of Small-Molecule Therapeutics into Cholesterol-Enriched Cell-Membrane-Derived Vesicles. *Angewandte Chemie*, **2017**, 129, 14263-14267	3.6	0
13	Macrophage-like nanoparticles concurrently absorbing endotoxins and proinflammatory cytokines for sepsis management. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 11488-11493	11.5	218
12	Remote Loading of Small-Molecule Therapeutics into Cholesterol-Enriched Cell-Membrane-Derived Vesicles. *Angewandte Chemie - International Edition*, **2017**, 56, 14075-14079	16.4	53
11	Micromotor-enabled active drug delivery for in vivo treatment of stomach infection. *Nature Communications*, **2017**, 8, 272	17.4	301
10	In Situ Capture of Bacterial Toxins for Antivirulence Vaccination. *Advanced Materials*, **2017**, 29, 1701644	24	67
9	Enteric Micromotor Can Selectively Position and Spontaneously Propel in the Gastrointestinal Tract. *ACS Nano*, **2016**, 10, 9536-9542	16.7	158
8	Nanoparticle-Based Antivirulence Vaccine for the Management of Methicillin-Resistant Skin Infection. *Advanced Functional Materials*, **2016**, 26, 1628-1635	15.6	70
7	Hydrogel Retaining Toxin-Absorbing Nanosponges for Local Treatment of Methicillin-Resistant Staphylococcus aureus Infection. *Advanced Materials*, **2015**, 27, 3437-43	24	88

6	Nanoparticle biointerfacing by platelet membrane cloaking. *Nature*, **2015**, 526, 118-21	50.4	890
5	Hydrogels: Hydrogel Retaining Toxin-Absorbing Nanosponges for Local Treatment of Methicillin-Resistant Staphylococcus aureus Infection (Adv. Mater. 22/2015). *Advanced Materials*, **2015**, 27, 3342-3342	24	0
4	Cell Membrane-Coated Nanoparticles As an Emerging Antibacterial Vaccine Platform. *Vaccines*, **2015**, 3, 814-28	5.3	39
3	Detoxification of Organophosphate Poisoning Using Nanoparticle Bioscavengers. *ACS Nano*, **2015**, 9, 6450-8	16.7	102
2	Modulating antibacterial immunity via bacterial membrane-coated nanoparticles. *Nano Letters*, **2015**, 15, 1403-9	11.5	288
1	Nanoparticle approaches against bacterial infections. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2014**, 6, 532-47	9.2	168