

Hong-Bo Pang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

885
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1654
citing authors

#	ARTICLE	IF	CITATIONS
1	An endocytosis pathway initiated through neuropilin-1 and regulated by nutrient availability. <i>Nature Communications</i> , 2014, 5, 4904.	12.8	156
2	Etchable plasmonic nanoparticle probes to image and quantify cellular internalization. <i>Nature Materials</i> , 2014, 13, 904-911.	27.5	156
3	Immunogene therapy with fusogenic nanoparticles modulates macrophage response to <i>Staphylococcus aureus</i> . <i>Nature Communications</i> , 2018, 9, 1969.	12.8	132
4	Neuropilin-1 and heparan sulfate proteoglycans cooperate in cellular uptake of nanoparticles functionalized by cationic cell-penetrating peptides. <i>Science Advances</i> , 2015, 1, e1500821.	10.3	68
5	Virion stiffness regulates immature HIV-1 entry. <i>Retrovirology</i> , 2013, 10, 4.	2.0	57
6	A free cysteine prolongs the half-life of a homing peptide and improves its tumor-penetrating activity. <i>Journal of Controlled Release</i> , 2014, 175, 48-53.	9.9	56
7	Cellular internalization of bystander nanomaterial induced by TAT-nanoparticles and regulated by extracellular cysteine. <i>Nature Communications</i> , 2019, 10, 3646.	12.8	45
8	Tumor-specific macrophage targeting through recognition of retinoid X receptor beta. <i>Journal of Controlled Release</i> , 2019, 301, 42-53.	9.9	36
9	iRGD- Δ Liposomes Enhance Tumor Delivery and Therapeutic Efficacy of Antisense Oligonucleotide Drugs against Primary Prostate Cancer and Bone Metastasis. <i>Advanced Functional Materials</i> , 2021, 31, 2100478.	14.9	32
10	Macropinocytosis as a cell entry route for peptide-functionalized and bystander nanoparticles. <i>Journal of Controlled Release</i> , 2021, 329, 1222-1230.	9.9	27
11	Peptide Mimic of the HIV Envelope gp120-gp41 Interface. <i>Journal of Molecular Biology</i> , 2008, 376, 786-797.	4.2	19
12	Plaque-penetrating peptide inhibits development of hypoxic atherosclerotic plaque. <i>Journal of Controlled Release</i> , 2016, 238, 212-220.	9.9	19
13	NG2 Proteoglycan Ablation Reduces Foam Cell Formation and Atherogenesis via Decreased Low-Density Lipoprotein Retention by Synthetic Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 49-59.	2.4	17
14	Rapid chelator-free radiolabeling of quantum dots for <i>in vivo</i> imaging. <i>Nanoscale</i> , 2019, 11, 22248-22254.	5.6	14
15	Membrane-curvature-mediated co-endocytosis of bystander and functional nanoparticles. <i>Nanoscale</i> , 2021, 13, 9626-9633.	5.6	12
16	Extracellular Vesicles Mediate the Intercellular Exchange of Nanoparticles. <i>Advanced Science</i> , 2022, 9, e2102441.	11.2	11
17	Transportan Peptide Stimulates the Nanomaterial Internalization into Mammalian Cells in the Bystander Manner through Macropinocytosis. <i>Pharmaceutics</i> , 2021, 13, 552.	4.5	10
18	Synergistic Entry of Individual Nanoparticles into Mammalian Cells Driven by Free Energy Decline and Regulated by Their Sizes. <i>ACS Nano</i> , 2022, 16, 5885-5897.	14.6	10

#	ARTICLE	IF	CITATIONS
19	The effect of purification method on the completeness of the immature HIV-1 Gag shell. <i>Journal of Virological Methods</i> , 2010, 169, 244-247.	2.1	7
20	Abstract 5406: The CendR pathway: A novel cell penetration and transcytosis pathway regulated by nutrient availability. <i>Cancer Research</i> , 2014, 74, 5406-5406.	0.9	1