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List of Publications by Year
in descending order

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48 papers	4,270 citations	201674 27 h-index	214800 47 g-index
48 all docs	48 docs citations	48 times ranked	4747 citing authors

#	Article	IF	Citations
1	Exosomes: Breast cancer-derived extracellular vesicles; recent key findings and technologies in disease progression, diagnostics, and cancer targeting. Drug Metabolism and Pharmacokinetics, 2022, 42, 100435.	2.2	10
2	Hypoxia enhances motility and EMT through the Na+/H+ exchanger NHE-1 in MDA-MB-231 breast cancer cells. Experimental Cell Research, 2022, 412, 113006.	2.6	6
3	Carboxy-terminal dendrimers with phenylalanine for a pH-sensitive delivery system into immune cells including T cells. Journal of Materials Chemistry B, 2022, 10, 2463-2470.	5.8	3
4	Dodecaborate-Encapsulated Extracellular Vesicles with Modification of Cell-Penetrating Peptides for Enhancing Macropinocytotic Cellular Uptake and Biological Activity in Boron Neutron Capture Therapy. Molecular Pharmaceutics, 2022, 19, 1135-1145.	4.6	16
5	Stearylated Macropinocytosis-Inducing Peptides Facilitating the Cellular Uptake of Small Extracellular Vesicles. Bioconjugate Chemistry, 2022, 33, 869-880.	3.6	6
6	Biofunctional Peptide-Modified Extracellular Vesicles Enable Effective Intracellular Delivery via the Induction of Macropinocytosis. Processes, 2021, 9, 224.	2.8	19
7	Environmental pH stress influences cellular secretion and uptake of extracellular vesicles. FEBS Open Bio, 2021, 11, 753-767.	2.3	23
8	Macropinocytosis-Inducible Extracellular Vesicles Modified with Antimicrobial Protein CAP18-Derived Cell-Penetrating Peptides for Efficient Intracellular Delivery. Molecular Pharmaceutics, 2021, 18, 3290-3301.	4.6	15
9	Conversion of cationic amphiphilic lytic peptides to cellâ€penetration peptides. Peptide Science, 2020, 112, e24144.	1.8	11
10	Association of Hydrophobic Carboxyl-Terminal Dendrimers with Lymph Node-Resident Lymphocytes. Polymers, 2020, 12, 1474.	4.5	8
11	Antibody-Based Receptor Targeting Using an Fc-Binding Peptide-Dodecaborate Conjugate and Macropinocytosis Induction for Boron Neutron Capture Therapy. ACS Omega, 2020, 5, 22731-22738.	3.5	25
12	Intracellular delivery system based on biofunctional peptide-modified exosomes. Drug Delivery System, 2020, 35, 47-56.	0.0	0
13	Effects of gefitinib treatment on cellular uptake of extracellular vesicles in EGFR-mutant non-small cell lung cancer cells. International Journal of Pharmaceutics, 2019, 572, 118762.	5.2	30
14	Optimization of the method for analyzing endocytosis of fluorescently tagged molecules: Impact of incubation in the cell culture medium and cell surface wash with glycine-hydrochloric acid buffer. Journal of Controlled Release, 2019, 310, 127-140.	9.9	11
15	Peptides with the multibasic cleavage site of the hemagglutinin from highly pathogenic influenza viruses act as cell-penetrating via binding to heparan sulfate and neuropilins. Biochemical and Biophysical Research Communications, 2019, 512, 453-459.	2.1	6
16	Intracellular target delivery of cell-penetrating peptide-conjugated dodecaborate for boron neutron capture therapy (BNCT). Chemical Communications, 2019, 55, 13955-13958.	4.1	44
17	Effects of Lyophilization of Arginine-rich Cell-penetrating Peptide-modified Extracellular Vesicles on Intracellular Delivery. Anticancer Research, 2019, 39, 6701-6709.	1.1	17
18	Epidermal growth factor induced macropinocytosis directs branch formation of lung epithelial cells. Biochemical and Biophysical Research Communications, 2018, 507, 297-303.	2.1	12

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19	Modular Redesign of a Cationic Lytic Peptide To Promote the Endosomal Escape of Biomacromolecules. Angewandte Chemie - International Edition, 2018, 57, 12771-12774.	13.8	28
20	Modular Redesign of a Cationic Lytic Peptide To Promote the Endosomal Escape of Biomacromolecules. Angewandte Chemie, 2018, 130, 12953-12956.	2.0	5
21	Arginine-rich cell-penetrating peptide-modified extracellular vesicles for active macropinocytosis induction and efficient intracellular delivery. Scientific Reports, 2017, 7, 1991.	3.3	130
22	Cytosolic antibody delivery by lipid-sensitive endosomolytic peptide. Nature Chemistry, 2017, 9, 751-761.	13.6	271
23	Zinc and its transporter ZIP6 are key mediators of breast cancer cell survival under high glucose conditions. FEBS Letters, 2017, 591, 3348-3359.	2.8	24
24	Cell-Surface Interactions on Arginine-Rich Cell-Penetrating Peptides Allow for Multiplex Modes of Internalization. Accounts of Chemical Research, 2017, 50, 2449-2456.	15.6	185
25	Hydrogen sulfide donor micelles protect cardiomyocytes from ischemic cell death. Molecular BioSystems, 2017, 13, 1705-1708.	2.9	18
26	Receptor clustering and activation by multivalent interaction through recognition peptides presented on exosomes. Chemical Communications, 2017, 53, 317-320.	4.1	41
27	Plant Ribosome-Inactivating Proteins: Progesses, Challenges and Biotechnological Applications (and a) Tj ETQq1 1 0.784314 rgBT /Ov	3.4	51
28	Gefitinib Enhances Mitochondrial Biological Functions in NSCLCs with EGFR Mutations at a High Cell Density. Anticancer Research, 2017, 37, 4779-4788.	1.1	5
29	Syndecan-4 Is a Receptor for Clathrin-Mediated Endocytosis of Arginine-Rich Cell-Penetrating Peptides. Bioconjugate Chemistry, 2016, 27, 1119-1130.	3.6	112
30	Vectorization of biomacromolecules into cells using extracellular vesicles with enhanced internalization induced by macropinocytosis. Scientific Reports, 2016, 6, 34937.	3.3	69
31	Combined treatment with a pH-sensitive fusogenic peptide and cationic lipids achieves enhanced cytosolic delivery of exosomes. Scientific Reports, 2015, 5, 10112.	3.3	210
32	Active macropinocytosis induction by stimulation of epidermal growth factor receptor and oncogenic Ras expression potentiates cellular uptake efficacy of exosomes. Scientific Reports, 2015, 5, 10300.	3.3	214
33	Molecular interplays involved in the cellular uptake of octaarginine on cell surfaces and the importance of syndecan-4 cytoplasmic V domain for the activation of protein kinase CÎ±. Biochemical and Biophysical Research Communications, 2014, 446, 857-862.	2.1	35
34	Cell-penetrating peptides (CPPs) as a vector for the delivery of siRNAs into cells. Molecular BioSystems, 2013, 9, 855.	2.9	89
35	CXCR4 Stimulates Macropinocytosis: Implications for Cellular Uptake of Arginine-Rich Cell-Penetrating Peptides and HIV. Chemistry and Biology, 2012, 19, 1437-1446.	6.0	103
36	Effect of the Attachment of a Penetration Accelerating Sequence and the Influence of Hydrophobicity on Octaarginine-Mediated Intracellular Delivery. Molecular Pharmaceutics, 2012, 9, 1222-1230.	4.6	66

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37	Transformation of an antimicrobial peptide into a plasma membrane-permeable, mitochondria-targeted peptide via the substitution of lysine with arginine. Chemical Communications, 2012, 48, 11097.	4.1	45
38	Accumulation of arginine-rich cell-penetrating peptides in tumors and the potential for anticancer drug delivery in vivo. Journal of Controlled Release, 2012, 159, 181-188.	9.9	131
39	Signal Transduction Using an Artificial Receptor System that Undergoes Dimerization Upon Addition of a Bivalent Leucineâ€Zipper Ligand. Angewandte Chemie - International Edition, 2012, 51, 7464-7467.	13.8	39
40	Cell-surface Accumulation of Flock House Virus-derived Peptide Leads to Efficient Internalization via Macropinocytosis. Molecular Therapy, 2009, 17, 1868-1876.	8.2	100
41	Cytosolic Targeting of Macromolecules Using a pH-Dependent Fusogenic Peptide in Combination with Cationic Liposomes. Bioconjugate Chemistry, 2009, 20, 953-959.	3.6	81
42	Cellular Internalization and Distribution of Arginine-Rich Peptides as a Function of Extracellular Peptide Concentration, Serum, and Plasma Membrane Associated Proteoglycans. Bioconjugate Chemistry, 2008, 19, 656-664.	3.6	289
43	Arginine-rich peptides and their internalization mechanisms. Biochemical Society Transactions, 2007, 35, 784-787.	3.4	207
44	Interaction of Arginine-Rich Peptides with Membrane-Associated Proteoglycans Is Crucial for Induction of Actin Organization and Macropinocytosisâ€. Biochemistry, 2007, 46, 492-501.	2.5	364
45	Acid wash in determining cellular uptake of Fab/cell-permeating peptide conjugates. Biopolymers, 2007, 88, 98-107.	2.4	50
46	Effects of Na+/H+ exchanger inhibitors on subcellular localisation of endocytic organelles and intracellular dynamics of protein transduction domains HIVâ€“TAT peptide and octaarginine. Journal of Controlled Release, 2006, 116, 247-254.	9.9	90
47	Transferrin-Modified Liposomes Equipped with a pH-Sensitive Fusogenic Peptide:â€‰ An Artificial Viral-like Delivery System. Biochemistry, 2004, 43, 5618-5628.	2.5	268
48	Cellular Uptake of Arginine-Rich Peptides: Roles for Macropinocytosis and Actin Rearrangement. Molecular Therapy, 2004, 10, 1011-1022.	8.2	688