Shiroh Futaki

List of Publications by Year
in descending order

249 papers	16,875 citations	16451 64 h-index	16650 123 g-index
267 all docs	267 docs citations	267 times ranked	12925 citing authors

#	Article	IF	Citations
1	Protein Delivery to Cytosol by Cell-Penetrating Peptide Bearing Tandem Repeat Penetration-Accelerating Sequence. Methods in Molecular Biology, 2022, 2383, 265-273.	0.9	6
2	Artificial Nanocage Formed via Self-Assembly of Î²-Annulus Peptide for Delivering Biofunctional Proteins into Cell Interiors. Bioconjugate Chemistry, 2022, 33, 311-320.	3.6	9
3	Synthesis and Properties of V-Shaped Xanthene Dyes with Tunable and Predictable Absorption and Emission Wavelengths. Journal of Organic Chemistry, 2022, 87, 2336-2344.	3.2	6
4	Lipid Packing in Cell Membrane and Intracellular Delivery. Oleoscience, 2022, 22, 115-120.	0.0	0
5	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
6	L17ER4: A cell-permeable attenuated cationic amphiphilic lytic peptide. Bioorganic and Medicinal Chemistry, 2022, 61, 116728.	3.0	3
7	Grafting Hydrophobic Amino Acids Critical for Inhibition of Proteinâ€“Protein Interactions on a Cell-Penetrating Peptide Scaffold. Molecular Pharmaceutics, 2022, 19, 558-567.	4.6	3
8	Recognition of G-quadruplex RNA by a crucial RNA methyltransferase component, METTL14. Nucleic Acids Research, 2022, 50, 449-457.	14.5	21
9	Piezo1 activation using Yoda1 inhibits macropinocytosis in A431 human epidermoid carcinoma cells. Scientific Reports, 2022, 12, 6322.	3.3	6
10	Stearylated Macropinocytosis-Inducing Peptides Facilitating the Cellular Uptake of Small Extracellular Vesicles. Bioconjugate Chemistry, 2022, 33, 869-880.	3.6	6
11	Split luciferase-based estimation of cytosolic cargo concentration delivered intracellularly via attenuated cationic amphiphilic lytic peptides. Bioorganic and Medicinal Chemistry Letters, 2022, 72, 128875.	2.2	0
12	A facile combinatorial approach to construct a ratiometric fluorescent sensor: application for the real-time sensing of cellular pH changes. Chemical Science, 2021, 12, 8231-8240.	7.4	10
13	Direct entry of cell-penetrating peptide can be controlled by maneuvering the membrane curvature. Scientific Reports, 2021, 11, 31.	3.3	17
14	Environmental pH stress influences cellular secretion and uptake of extracellular vesicles. FEBS Open Bio, 2021, 11, 753-767.	2.3	23
15	Nanoscale Visualization of Morphological Alteration of Live-Cell Membranes by the Interaction with Oligoarginine Cell-Penetrating Peptides. Analytical Chemistry, 2021, 93, 5383-5393.	6.5	11
16	Potentiating the Membrane Interaction of an Attenuated Cationic Amphiphilic Lytic Peptide for Intracellular Protein Delivery by Anchoring with Pyrene Moiety. Bioconjugate Chemistry, 2021, 32, 950-957.	3.6	9
17	Discovery of a Macropinocytosisâ€Inducing Peptide Potentiated by Mediumâ€Mediated Intramolecular Disulfide Formation. Angewandte Chemie - International Edition, 2021, 60, 11928-11936.	13.8	11
18	Discovery of a Macropinocytosisâ€Inducing Peptide Potentiated by Mediumâ€Mediated Intramolecular Disulfide Formation. Angewandte Chemie, 2021, 133, 12035-12043.	2.0	2

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19	Use of homoarginine to obtain attenuated cationic membrane lytic peptides. Bioorganic and Medicinal Chemistry Letters, 2021, 40, 127925.	2.2	7
20	Influence of the Dabcyl group on the cellular uptake of cationic peptides: short oligoarginines as efficient cell-penetrating peptides. Amino Acids, 2021, 53, 1033-1049.	2.7	10
21	Chemical passports to cross biological borders. Nature Chemistry, 2021, 13, 517-519.	13.6	5
22	Liquid Droplet Formation and Facile Cytosolic Translocation of IgG in the Presence of Attenuated Cationic Amphiphilic Lytic Peptides. Angewandte Chemie, 2021, 133, 19957-19965.	2.0	2
23	Titelbild: Liquid Droplet Formation and Facile Cytosolic Translocation of IgG in the Presence of Attenuated Cationic Amphiphilic Lytic Peptides (Angew. Chem. 36/2021). Angewandte Chemie, 2021, 133, 19645-19645.	2.0	0
24	Functional Peptides That Target Biomembranes: Design and Modes of Action. Chemical and Pharmaceutical Bulletin, 2021, 69, 601-607.	1.3	10
25	Liquid Droplet Formation and Facile Cytosolic Translocation of IgG in the Presence of Attenuated Cationic Amphiphilic Lytic Peptides. Angewandte Chemie - International Edition, 2021, 60, 19804-19812.	13.8	21
26	Membrane anchoring of a curvature-inducing peptide, EpN18, promotes membrane translocation of octaarginine. Bioorganic and Medicinal Chemistry Letters, 2021, 43, 128103.	2.2	7
27	Cytosolic protein delivery using pH-responsive, charge-reversible lipid nanoparticles. Scientific Reports, 2021, 11, 19896.	3.3	13
28	Design of the N-Terminus Substituted Curvature-Sensing Peptides That Exhibit Highly Sensitive Detection Ability of Bacterial Extracellular Vesicles. Chemical and Pharmaceutical Bulletin, 2021, 69, 1075-1082.	1.3	4
29	Programmable RNA methylation and demethylation using PUF RNA binding proteins. Chemical Communications, 2020, 56, 1365-1368.	4.1	23
30	Conversion of cationic amphiphilic lytic peptides to cellâ€penetration peptides. Peptide Science, 2020, 112, e24144.	1.8	11
31	Effect of Vesicle Size on the Cytolysis of Cell-Penetrating Peptides (CPPs). International Journal of Molecular Sciences, 2020, 21, 7405.	4.1	8
32	Development of a Simple and Rapid Method for In Situ Vesicle Detection in Cultured Media. Journal of Molecular Biology, 2020, 432, 5876-5888.	4.2	6
33	Pseudoâ€Membrane Jackets: Twoâ€Dimensional Coordination Polymers Achieving Visible Phase Separation in Cell Membrane. Angewandte Chemie, 2020, 132, 18087-18093.	2.0	7
34	Key Process and Factors Controlling the Direct Translocation of Cell-Penetrating Peptide through Bio-Membrane. International Journal of Molecular Sciences, 2020, 21, 5466.	4.1	12
35	Effect of Surface Modifications on Cellular Uptake of Gold Nanorods in Human Primary Cells and Established Cell Lines. ACS Omega, 2020, 5, 32744-32752.	3.5	20
36	Effective RNA Regulation by Combination of Multiple Programmable RNA-Binding Proteins. Applied Sciences (Switzerland), 2020, 10, 6803.	2.5	3

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37	An Artificial Amphiphilic Peptide Promotes Endocytic Uptake by Inducing Membrane Curvature. Bioconjugate Chemistry, 2020, 31, 1611-1615.	3.6	9
38	Peptide-assisted Intracellular Delivery of Biomacromolecules. Chemistry Letters, 2020, 49, 1088-1094.	1.3	24
39	Optimizing Charge Switching in Membrane Lytic Peptides for Endosomal Release of Biomacromolecules. Angewandte Chemie, 2020, 132, 20165-20173.	2.0	6
40	Optimizing Charge Switching in Membrane Lytic Peptides for Endosomal Release of Biomacromolecules. Angewandte Chemie - International Edition, 2020, 59, 19990-19998.	13.8	36
41	Pseudoâ€Membrane Jackets: Twoâ€Dimensional Coordination Polymers Achieving Visible Phase Separation in Cell Membrane. Angewandte Chemie - International Edition, 2020, 59, 17931-17937.	13.8	11
42	Improved cytosolic delivery of macromolecules through dimerization of attenuated lytic peptides. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127362.	2.2	8
43	Stimulating Macropinocytosis for Intracellular Nucleic Acid and Protein Delivery: A Combined Strategy with Membrane-Lytic Peptides To Facilitate Endosomal Escape. Bioconjugate Chemistry, 2020, 31, 547-553.	3.6	31
44	Enhancing the activity of membrane remodeling epsin-peptide by trimerization. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127190.	2.2	12
45	Rational Design Principles of Attenuated Cationic Lytic Peptides for Intracellular Delivery of Biomacromolecules. Molecular Pharmaceutics, 2020, 17, 2175-2185.	4.6	15
46	Middle Molecule Drug Discovery and DDS. Drug Delivery System, 2020, 35, 167-167.	0.0	0
47	Design and Creation of Functional Membrane-Interacting Peptides. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 1058-1065.	0.1	1
48	Meeting Peptides in Kyoto. ChemBioChem, 2019, 20, 2015-2016.	2.6	1
49	Development of a Membrane Curvature-Sensing Peptide Based on a Structureâ€"Activity Correlation Study. Chemical and Pharmaceutical Bulletin, 2019, 67, 1131-1138.	1.3	7
50	An influenza-derived membrane tension-modulating peptide regulates cell movement and morphology via actin remodeling. Communications Biology, 2019, 2, 243.	4.4	10
51	Loosening of Lipid Packing by Cellâ€Surface Recruitment of Amphiphilic Peptides by Coiledâ€Coil Tethering. ChemBioChem, 2019, 20, 2151-2159.	2.6	5
52	Cell-penetrating mechanism of intracellular targeting albumin: Contribution of macropinocytosis induction and endosomal escape. Journal of Controlled Release, 2019, 304, 156-163.	9.9	19
53	Oligoarginine-Bearing Tandem Repeat Penetration-Accelerating Sequence Delivers Protein to Cytosol via Caveolae-Mediated Endocytosis. Biomacromolecules, 2019, 20, 1849-1859.	5.4	24
54	Inducible Membrane Permeabilization by Attenuated Lytic Peptides: A New Concept for Accessing Cell Interiors through Ruffled Membranes. Molecular Pharmaceutics, 2019, 16, 2540-2548.	4.6	27

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55	Intracellular target delivery of cell-penetrating peptide-conjugated dodecaborate for boron neutron capture therapy (BNCT). Chemical Communications, 2019, 55, 13955-13958.	4.1	44
56	Dipicolylamine/Metal Complexes that Promote Direct Cell-Membrane Penetration of Octaarginine. Bioconjugate Chemistry, 2019, 30, 454-460.	3.6	6
57	Importance of Net Hydrophobicity in the Cellular Uptake of All-Hydrocarbon Stapled Peptides. Molecular Pharmaceutics, 2018, 15, 1332-1340.	4.6	47
58	Nested PUF Proteins: Extending Target RNA Elements for Gene Regulation. ChemBioChem, 2018, 19, 171-176.	2.6	6
59	Sequence-specific 5mC detection in live cells based on the TALE-split luciferase complementation system. Analyst, The, 2018, 143, 3793-3797.	3.5	2
60	Development of xanthene dyes containing arylacetylenes: The role of acetylene linker and substituents on the aryl group. Tetrahedron, 2018, 74, 3608-3615.	1.9	6
61	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
62	Modular Redesign of a Cationic Lytic Peptide To Promote the Endosomal Escape of Biomacromolecules. Angewandte Chemie, 2018, 130, 12953-12956.	2.0	5
63	Loosening of Lipid Packing Promotes Oligoarginine Entry into Cells. Angewandte Chemie, 2017, 129, 7752-7755.	2.0	11
64	Arginine-rich cell-penetrating peptide-modified extracellular vesicles for active macropinocytosis induction and efficient intracellular delivery. Scientific Reports, 2017, 7, 1991.	3.3	130
65	Loosening of Lipid Packing Promotes Oligoarginine Entry into Cells. Angewandte Chemie - International Edition, 2017, 56, 7644-7647.	13.8	59
66	Cytosolic antibody delivery by lipid-sensitive endosomolytic peptide. Nature Chemistry, 2017, 9, 751-761.	13.6	271
67	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
68	Detection of<i>N</i>⁶-methyladenosine based on the methyl-sensitivity of MazF RNA endonuclease. Chemical Communications, 2017, 53, 12930-12933.	4.1	113
69	Syntheses and properties of second-generation V-shaped xanthene dyes with piperidino groups. Tetrahedron, 2017, 73, 7061-7066.	1.9	12
70	<scp>C</scp>almodulin EFâ€hand peptides as Ca²⁺â€switchable recognition tags. Biopolymers, 2017, 108, e22937.	2.4	1
71	Photoaffinity Labeling Methods to Explore Internalization Mechanisms of Arginine-Rich Cell-Penetrating Peptides. , 2017, , 225-240.		0
72	Preparation of peptide thioesters from naturally occurring sequences using reaction sequence consisting of regioselective Sâ€cyanylation and hydrazinolysis. Biopolymers, 2016, 106, 531-546.	2.4	16

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73	Effect of amino acid substitution in the hydrophobic face of amphiphilic peptides on membrane curvature and perturbation: Nâ€terminal helix derived from adenovirus internal protein VI as a model. Biopolymers, 2016, 106, 430-439.	2.4	6
74	Increased hydrophobic block length of PTDMs promotes protein internalization. Polymer Chemistry, 2016, 7, 7514-7521.	3.9	22
75	Relating structure and internalization for ROMP-based protein mimics. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1443-1450.	2.6	13
76	Syndecan-4 Is a Receptor for Clathrin-Mediated Endocytosis of Arginine-Rich Cell-Penetrating Peptides. Bioconjugate Chemistry, 2016, 27, 1119-1130.	3.6	112
77	Cholesterol-Lowering Effect of Octaarginine-Appended Î²-Cyclodextrin in <i>Npc1</i>-Trap-CHO Cells. Biological and Pharmaceutical Bulletin, 2016, 39, 1823-1829.	1.4	16
78	Sequence-specific recognition of methylated DNA by an engineered transcription activator-like effector protein. Chemical Communications, 2016, 52, 14238-14241.	4.1	13
79	Current Understanding of Direct Translocation of Arginine-Rich Cell-Penetrating Peptides and Its Internalization Mechanisms. Chemical and Pharmaceutical Bulletin, 2016, 64, 1431-1437.	1.3	100
80	Vectorization of biomacromolecules into cells using extracellular vesicles with enhanced internalization induced by macropinocytosis. Scientific Reports, 2016, 6, 34937.	3.3	69
81	Cellular Uptake of Arginine-Rich Cell-Penetrating Peptides and the Contribution of Membrane-Associated Proteoglycans. Trends in Glycoscience and Glycotechnology, 2015, 27, 81-88.	0.1	4
82	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
83	Intercellular chaperone transmission via exosomes contributes to maintenance of protein homeostasis at the organismal level. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2497-506.	7.1	153
84	Cell Penetrating Peptides for Chemical Biological Studies. Methods in Molecular Biology, 2015, 1324, 387-396.	0.9	7
85	Suppressive effect of membrane-permeable peptides derived from autophosphorylation sites of the IGF-1 receptor on breast cancer cells. European Journal of Pharmacology, 2015, 765, 24-33.	3.5	4
86	Controlling leucine-zipper partner recognition in cells through modification of aâ€“g interactions. Chemical Communications, 2014, 50, 6364-6367.	4.1	8
87	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
88	Peptide-Based Therapeutic Approaches for Treatment of the Polyglutamine Diseases. Current Medicinal Chemistry, 2014, 21, 2575-2582.	2.4	9
89	Development of a novel nanoparticle by dual modification with the pluripotential cellâ€penetrating peptide PepFect6 for cellular uptake, endosomal escape, and decondensation of an siRNA core complex. Biopolymers, 2013, 100, 698-704.	2.4	9
90	A Cyclochiral Conformational Motif Constructed Using a Robust Hydrogen-Bonding Network. Journal of the American Chemical Society, 2013, 135, 13644-13647.	13.7	10

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91	Curvature Engineering: Positive Membrane Curvature Induced by Epsin N-Terminal Peptide Boosts Internalization of Octaarginine. ACS Chemical Biology, 2013, 8, 1894-1899.	3.4	49
92	Creating a TALE protein with unbiased 5â€²-T binding. Biochemical and Biophysical Research Communications, 2013, 441, 262-265.	2.1	21
93	Effects of pyrenebutyrate on the translocation of arginine-rich cell-penetrating peptides through artificial membranes: Recruiting peptides to the membranes, dissipating liquid-ordered phases, and inducing curvature. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 2134-2142.	2.6	42
94	Cell-penetrating peptides (CPPs) as a vector for the delivery of siRNAs into cells. Molecular BioSystems, 2013, 9, 855.	2.9	89
95	Oligopeptides derived from autophosphorylation sites of EGF receptor suppress EGF-stimulated responses in human lung carcinoma A549 cells. European Journal of Pharmacology, 2013, 698, 87-94.	3.5	7
96	Modeling the endosomal escape of cell-penetrating peptides using a transmembrane pH gradient. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 1198-1204.	2.6	39
97	Dynamic Amphiphile Libraries To Screen for the â€œFragrantâ€• Delivery of siRNA into HeLa Cells and Human Primary Fibroblasts. Journal of the American Chemical Society, 2013, 135, 9295-9298.	13.7	85
98	Extramembrane Control of Ion Channel Peptide Assemblies, Using Alamethicin as an Example. Accounts of Chemical Research, 2013, 46, 2924-2933.	15.6	14
99	Collagenâ€like Cellâ€Penetrating Peptides. Angewandte Chemie - International Edition, 2013, 52, 5497-5500.	13.8	40
100	Identification of cellular proteins interacting with octaarginine (R8) cell-penetrating peptide by photo-crosslinking. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3738-3740.	2.2	20
101	Construction of a Ca²⁺-Gated Artificial Channel by Fusing Alamethicin with a Calmodulin-Derived Extramembrane Segment. Bioconjugate Chemistry, 2013, 24, 188-195.	3.6	5
102	Arginine-rich Peptides: Methods of Translocation Through Biological Membranes. Current Pharmaceutical Design, 2013, 19, 2863-2868.	1.9	69
103	Transient Focal Membrane Deformation Induced by Arginine-rich Peptides Leads to Their Direct Penetration into Cells. Molecular Therapy, 2012, 20, 984-993.	8.2	179
104	Bioinspired Mechanism for the Translocation of Peptide through the Cell Membrane. Chemistry Letters, 2012, 41, 1078-1080.	1.3	18
105	Efficient Intracellular Delivery of Nucleic Acid Pharmaceuticals Using Cell-Penetrating Peptides. Accounts of Chemical Research, 2012, 45, 1132-1139.	15.6	272
106	Dipicolylamine as a unique structural switching element for helical peptides. Organic and Biomolecular Chemistry, 2012, 10, 6062.	2.8	10
107	Construction of a Rhythm Transfer System That Mimics the Cellular Clock. ACS Chemical Biology, 2012, 7, 1817-1821.	3.4	5
108	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

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109	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
110	Two-Dimensional Molecular Assembly of Bacteriochlorophyll a Derivatives Using Synthetic Poly(ethylene glycol)-Linked Light-Harvesting Model Polypeptides on a Gold Electrode Modified with Supported Lipid Bilayers. ACS Macro Letters, 2012, 1, 28-32.	4.8	0
111	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
112	Induction of autophagic cell death of glioma-initiating cells by cell-penetrating d-isomer peptides consisting of Pas and the p53 C-terminus. Biomaterials, 2012, 33, 9061-9069.	11.4	27
113	Control of leakage activities of alamethicin analogs by metals: Side chain-dependent adverse gating response to Zn2+. Bioorganic and Medicinal Chemistry, 2012, 20, 6870-6876.	3.0	2
114	Zn(II) Binding and DNA Binding Properties of Ligand-Substituted CXHH-Type Zinc Finger Proteins. Biochemistry, 2012, 51, 3342-3348.	2.5	21
115	Cellâ€penetrating peptide induces various deformations of lipid bilayer membrane: Inverted micelle, double bilayer, and transmembrane. International Journal of Quantum Chemistry, 2012, 112, 178-183.	2.0	6
116	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
117	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
118	Binding of Tat peptides on DOPC and DOPG lipid bilayer membrane studied by molecular dynamics simulations. Molecular Simulation, 2012, 38, 366-368.	2.0	4
119	Rational design of DNA sequenceâ€specific zinc fingers. FEBS Letters, 2012, 586, 918-923.	2.8	5
120	Acylation of octaarginine: Implication to the use of intracellular delivery vectors. Journal of Controlled Release, 2011, 149, 29-35.	9.9	68
121	Reprint of: Nanoparticles for ex vivo siRNA delivery to dendritic cells for cancer vaccines: Programmed endosomal escape and dissociation. Journal of Controlled Release, 2011, 149, 58-64.	9.9	22
122	An Arginine Residue Instead of a Conserved Leucine Residue in the Recognition Helix of the Finger 3 of Zif268 Stabilizes the Domain Structure and Mediates DNA Binding. Biochemistry, 2011, 50, 6266-6272.	2.5	8
123	Control of Circadian Phase by an Artificial Zinc Finger Transcription Regulator. Angewandte Chemie - International Edition, 2011, 50, 9396-9399.	13.8	3
124	Selective isolation of N-blocked peptide by combining AspN digestion, transamination, and tosylhydrazine glass treatment. Analytical Biochemistry, 2011, 410, 214-223.	2.4	8
125	Endosomal escape and the knockdown efficiency of liposomal-siRNA by the fusogenic peptide shGALA. Biomaterials, 2011, 32, 5733-5742.	11.4	107
126	KALA-modified multi-layered nanoparticles as gene carriers for MHC class-I mediated antigen presentation for a DNA vaccine. Biomaterials, 2011, 32, 6342-6350.	11.4	54

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127	Mechanisms of Cellular Uptake of Cell-Penetrating Peptides. Journal of Biophysics, 2011, 2011, 1-10.	0.8	747
128	Inverted micelle formation of cell-penetrating peptide studied by coarse-grained simulation: Importance of attractive force between cell-penetrating peptides and lipid head group. Journal of Chemical Physics, 2011, 134, 095103.	3.0	66
129	Application of a Fusiogenic Peptide GALA for Intracellular Delivery. Methods in Molecular Biology, 2011, 683, 525-533.	0.9	40
130	Octa-Arginine Mediated Delivery of Wild-Type Lnk Protein Inhibits TPO-Induced M-MOK Megakaryoblastic Leukemic Cell Growth by Promoting Apoptosis. PLoS ONE, 2011, 6, e23640.	2.5	31
131	Internalization of Arginine-rich Cell-penetrating Peptides and Delivery of Biomacromolecules into Cells. Membrane, 2011, 36, 139-144.	0.0	0
132	Development of an intracellularly acting inhibitory peptide selective for PKN. Biochemical Journal, 2010, 425, 445-543.	3.7	22
133	Significant and prolonged antisense effect of a multifunctional envelope-type nano device encapsulating antisense oligodeoxynucleotideâ€. Journal of Pharmacy and Pharmacology, 2010, 58, 431-437.	2.4	40
134	Nanoparticles for ex vivo siRNA delivery to dendritic cells for cancer vaccines: Programmed endosomal escape and dissociationâ˜†. Journal of Controlled Release, 2010, 143, 311-317.	9.9	131
135	Metalâ€Stimulated Regulation of Transcription by an Artificial Zincâ€Finger Protein. ChemBioChem, 2010, 11, 1653-1655.	2.6	10
136	Endosomeâ€disruptive peptides for improving cytosolic delivery of bioactive macromolecules. Biopolymers, 2010, 94, 763-770.	2.4	82
137	Metal-Assisted Channel Stabilization: Disposition of a Single Histidine on the N-terminus of Alamethicin Yields Channels with Extraordinarily Long Lifetimes. Biophysical Journal, 2010, 98, 1801-1808.	0.5	14
138	Enhanced Target-Specific Accumulation of Radiolabeled Antibodies by Conjugating Arginine-Rich Peptides as Anchoring Molecules. Bioconjugate Chemistry, 2010, 21, 2031-2037.	3.6	8
139	Rev-derived peptides inhibit HIV-1 replication by antagonism of Rev and a co-receptor, CXCR4. International Journal of Biochemistry and Cell Biology, 2010, 42, 1482-1488.	2.8	6
140	Expressed protein ligation for the preparation of fusion proteins with cell penetrating peptides for endotoxin removal and intracellular delivery. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 2249-2257.	2.6	15
141	Zinc fingerâ€"zinc finger interaction between the transcription factors, GATA-1 and Sp1. Biochemical and Biophysical Research Communications, 2010, 400, 625-630.	2.1	7
142	Cell-penetrating d-Isomer Peptides of p53 C-terminus: Long-term Inhibitory Effect on the Growth of Bladder Cancer. Urology, 2010, 75, 813-819.	1.0	29
143	Transduction of Cell-Penetrating Peptides into Induced Pluripotent Stem Cells. Cell Transplantation, 2010, 19, 901-909.	2.5	24
144	Intracellular Delivery Using Membrane-Permeable Basic Peptides: The Molecular Mechanisms and Applications. Seibutsu Butsuri, 2010, 50, 137-140.	0.1	0

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145	Cell-surface Accumulation of Flock House Virus-derived Peptide Leads to Efficient Internalization via Macropinocytosis. Molecular Therapy, 2009, 17, 1868-1876.	8.2	100
146	Cellular uptake, distribution and cytotoxicity of the hydrophobic cell penetrating peptide sequence PFVYLI linked to the proapoptotic domain peptide PAD. Journal of Controlled Release, 2009, 140, 237-244.	9.9	60
147	Enhanced intracellular delivery using arginine-rich peptides by the addition of penetration accelerating sequences (Pas). Journal of Controlled Release, 2009, 138, 128-133.	9.9	102
148	A pH-sensitive fusogenic peptide facilitates endosomal escape and greatly enhances the gene silencing of siRNA-containing nanoparticles in vitro and in vivo. Journal of Controlled Release, 2009, 139, 127-132.	9.9	238
149	Cobalt(II)â€Responsive DNA Binding of a GCN4â€bZIP Protein Containing Cysteine Residues Functionalized with Iminodiacetic Acid. Angewandte Chemie - International Edition, 2009, 48, 6853-6856.	13.8	20
150	High-resolution multi-dimensional NMR spectroscopy of proteins in human cells. Nature, 2009, 458, 106-109.	27.8	410
151	Mesostructured silica based delivery system for a drug with a peptide as a cell-penetrating vector. Microporous and Mesoporous Materials, 2009, 122, 201-207.	4.4	30
152	Delivery of Macromolecules Using Arginine-Rich Cell-Penetrating Peptides: Ways to Overcome Endosomal Entrapment. AAPS Journal, 2009, 11, 13-22.	4.4	417
153	Novel System to Achieve One-Pot Modification of Cargo Molecules with Oligoarginine Vectors for Intracellular Delivery. Bioconjugate Chemistry, 2009, 20, 249-257.	3.6	31
154	Cytosolic Targeting of Macromolecules Using a pH-Dependent Fusogenic Peptide in Combination with Cationic Liposomes. Bioconjugate Chemistry, 2009, 20, 953-959.	3.6	81
155	Transferrin receptor-dependent cytotoxicity of artemisininâ€"transferrin conjugates on prostate cancer cells and induction of apoptosis. Cancer Letters, 2009, 274, 290-298.	7.2	122
156	Elucidating cell-penetrating peptide mechanisms of action for membrane interaction, cellular uptake, and translocation utilizing the hydrophobic counter-anion pyrenebutyrate. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 2509-2517.	2.6	119
157	Positive and negative cooperativity of modularly assembled zinc fingers. Biochemical and Biophysical Research Communications, 2009, 387, 440-443.	2.1	13
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