

Prisca Boisguerin

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,839
citations

279487

23
h-index

276539

41
g-index

59
all docs

59
docs citations

59
times ranked

2548
citing authors

#	ARTICLE	IF	CITATIONS
1	Tips and Tools to Understand Direct Membrane Translocation of siRNA-Loaded WRAP-Based Nanoparticles. <i>Methods in Molecular Biology</i> , 2022, 2383, 475-490.	0.4	1
2	Therapeutic Peptides to Treat Myocardial Ischemia-Reperfusion Injury. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 792885.	1.1	14
3	Peptides vs. Polymers: Searching for the Most Efficient Delivery System for Mitochondrial Gene Therapy. <i>Pharmaceutics</i> , 2022, 14, 757.	2.0	6
4	Highway to Cell: Selection of the Best Cell-Penetrating Peptide to Internalize the CFTR-Stabilizing iCAL36 Peptide. <i>Pharmaceutics</i> , 2022, 14, 808.	2.0	6
5	An allosteric HTRA1-calpain 2 complex with restricted activation profile. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113520119.	3.3	2
6	Peptide-Based Nanoparticles for Therapeutic Nucleic Acid Delivery. <i>Biomedicines</i> , 2021, 9, 583.	1.4	31
7	In Vivo Follow-Up of Gene Inhibition in Solid Tumors Using Peptide-Based Nanoparticles for siRNA Delivery. <i>Pharmaceutics</i> , 2021, 13, 749.	2.0	7
8	Development of Peptide-Based Nanoparticles for Mitochondrial Plasmid DNA Delivery. <i>Polymers</i> , 2021, 13, 1836.	2.0	11
9	WRAP-based nanoparticles for siRNA delivery: a SAR study and a comparison with lipid-based transfection reagents. <i>Journal of Nanobiotechnology</i> , 2021, 19, 236.	4.2	6
10	A novel therapeutic peptide targeting myocardial reperfusion injury. <i>Cardiovascular Research</i> , 2020, 116, 633-644.	1.8	14
11	Anti-apoptotic peptide for long term cardioprotection in a mouse model of myocardial ischemia–reperfusion injury. <i>Scientific Reports</i> , 2020, 10, 18116.	1.6	7
12	Deciphering the internalization mechanism of WRAP:siRNA nanoparticles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183252.	1.4	23
13	Fluorescent Leakage Assay to Investigate Membrane Destabilization by Cell-Penetrating Peptide. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	3
14	How to evaluate the cellular uptake of CPPs with fluorescence techniques: Dissecting methodological pitfalls associated to tryptophan-rich peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 1533-1545.	1.4	13
15	Optimization of peptide-plasmid DNA vectors formulation for gene delivery in cancer therapy exploring design of experiments. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 183, 110417.	2.5	25
16	Peptide-Based Nanoparticles to Rapidly and Efficiently “Wrap” siRNA into Cells. <i>Bioconjugate Chemistry</i> , 2019, 30, 592-603.	1.8	37
17	PIP30/FAM192A is a novel regulator of the nuclear proteasome activator PA28 β . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6477-E6486.	3.3	29
18	PEGylation rate influences peptide-based nanoparticles mediated siRNA delivery in vitro and in vivo. <i>Journal of Controlled Release</i> , 2017, 256, 79-91.	4.8	38

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19	Optimization of the process of inverted peptides (PIPEPLUS) to screen PDZ domain ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3111-3116.	1.0	4
20	Cardiac mGluR1 metabotropic receptors in cardioprotection. <i>Cardiovascular Research</i> , 2017, 113, 644-655.	1.8	9
21	A retro-inverso cell-penetrating peptide for siRNA delivery. <i>Journal of Nanobiotechnology</i> , 2017, 15, 34.	4.2	55
22	RNase H-Assisted Imaging of Peroxynitrite in Living Cells with 5 ^{â€²} -Boronic Acid Modified DNA. <i>ACS Sensors</i> , 2016, 1, 970-974.	4.0	16
23	Optimisation of vectorisation property: A comparative study for a secondary amphipathic peptide. <i>International Journal of Pharmaceutics</i> , 2016, 509, 71-84.	2.6	31
24	Delivery of therapeutic oligonucleotides with cell penetrating peptides. <i>Advanced Drug Delivery Reviews</i> , 2015, 87, 52-67.	6.6	217
25	In Vitro Assays to Assess Exon Skipping in Duchenne Muscular Dystrophy. <i>Methods in Molecular Biology</i> , 2015, 1324, 317-329.	0.4	8
26	Cellular trafficking determines the exon skipping activity of Pip6a-PMO in mdx skeletal and cardiac muscle cells. <i>Nucleic Acids Research</i> , 2014, 42, 3207-3217.	6.5	82
27	Stereochemical Preferences Modulate Affinity and Selectivity among Five PDZ Domains that Bind CFTR: Comparative Structural and Sequence Analyses. <i>Structure</i> , 2014, 22, 82-93.	1.6	32
28	CtpB Assembles a Gated Protease Tunnel Regulating Cell-Cell Signaling during Spore Formation in <i>Bacillus subtilis</i> . <i>Cell</i> , 2013, 155, 647-658.	13.5	31
29	Identification of Xin-repeat proteins as novel ligands of the SH3 domains of nebulin and nebulin and analysis of their interaction during myofibril formation and remodeling. <i>Molecular Biology of the Cell</i> , 2013, 24, 3215-3226.	0.9	35
30	Context Dependent Effects of Chimeric Peptide Morpholino Conjugates Contribute to Dystrophin Exon-skipping Efficiency. <i>Molecular Therapy - Nucleic Acids</i> , 2013, 2, e124.	2.3	18
31	CPP-conjugated Anti-apoptotic Peptides as Therapeutic Tools of Ischemiareperfusion Injuries. <i>Current Pharmaceutical Design</i> , 2013, 19, 2970-2978.	0.9	19
32	Computational Design of a PDZ Domain Peptide Inhibitor that Rescues CFTR Activity. <i>PLoS Computational Biology</i> , 2012, 8, e1002477.	1.5	105
33	The agony of choice: how to find a suitable CPP for cargo delivery. <i>Journal of Peptide Science</i> , 2012, 18, 293-301.	0.8	7
34	Chemical Biology Approaches Reveal Conserved Features of a C-Terminal Processing PDZ Protease. <i>ChemBioChem</i> , 2012, 13, 402-408.	1.3	11
35	Systemic delivery of BH4 anti-apoptotic peptide using CPPs prevents cardiac ischemia ^{â€²} reperfusion injuries in vivo. <i>Journal of Controlled Release</i> , 2011, 156, 146-153.	4.8	37
36	Cell-Penetrating Peptides-Based Strategies for the Delivery of Splice Redirecting Antisense Oligonucleotides. <i>Methods in Molecular Biology</i> , 2011, 764, 75-89.	0.4	7

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37	Design of Protein-Protein Interactions with a Novel Ensemble-Based Scoring Algorithm. Lecture Notes in Computer Science, 2011, , 361-376.	1.0	2
38	Involvement of 14-3-3 protein post-translational modifications in Giardia duodenalis encystation. International Journal for Parasitology, 2010, 40, 201-213.	1.3	19
39	Identification of IgE Binding to Apiâ€™gâ€™1â€™Derived Peptides. ChemBioChem, 2010, 11, 2283-2293.	1.3	9
40	Engineering Peptide Inhibitors To Overcome PDZ Binding Promiscuity. Angewandte Chemie - International Edition, 2010, 49, 9912-9916.	7.2	44
41	A Stabilizing Influence: CAL PDZ Inhibition Extends the Halfâ€™Life of Î”F508â€™CFTR. Angewandte Chemie - International Edition, 2010, 49, 9907-9911.	7.2	63
42	Identification of a Linear Epitope in Sortilin That Partakes in Pro-neurotrophin Binding. Journal of Biological Chemistry, 2010, 285, 12210-12222.	1.6	16
43	Domain Interaction Footprint: a multi-classification approach to predict domainâ€™peptide interactions. Bioinformatics, 2009, 25, 1632-1639.	1.8	14
44	Evaluating the coupling efficiency of phosphorylated amino acids for SPOT synthesis. Journal of Peptide Science, 2008, 14, 1309-1314.	0.8	12
45	Using hydroxymethylphenoxy derivates with the SPOT technology to generate peptides with authentic C-termini. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4038-4043.	1.0	11
46	Comparison of Cellular Uptake Using 22 CPPs in 4 Different Cell Lines. Bioconjugate Chemistry, 2008, 19, 2363-2374.	1.8	164
47	The Relative Binding Affinities of PDZ Partners for CFTR: A Biochemical Basis for Efficient Endocytic Recycling. Biochemistry, 2008, 47, 10084-10098.	1.2	102
48	Epitope Mapping of Antibodies against S-Tagged Fusion Proteins and Molecular Weight Markers. Bioscience, Biotechnology and Biochemistry, 2008, 72, 346-351.	0.6	5
49	Generation and Characterization of a Rat Monoclonal Antibody Specific for PCNA. Hybridoma, 2008, 27, 91-98.	0.5	14
50	Characterization of a Putative Phosphorylation Switch: Adaptation of SPOT Synthesis to Analyze PDZ Domain Regulation Mechanisms. ChemBioChem, 2007, 8, 2302-2307.	1.3	33
51	Sorting and pooling strategy: A novel tool to map a virus proteome for CD8 T-cell epitopes. Biopolymers, 2007, 88, 64-75.	1.2	19
52	Synthesis of cleavable peptides with authentic C-termini: an application for fully automated SPOT synthesis. Tetrahedron Letters, 2007, 48, 361-364.	0.7	13
53	Regulation of c-Src by binding to the PDZ domain of AF-6. EMBO Journal, 2007, 26, 2633-2644.	3.5	29
54	Discovery of Low-Molecular-Weight Ligands for the AF6 PDZ Domain. Angewandte Chemie - International Edition, 2006, 45, 3790-3795.	7.2	41

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55	An Improved Method for the Synthesis of Cellulose Membrane-Bound Peptides with Free C Termini Is Useful for PDZ Domain Binding Studies. <i>Chemistry and Biology</i> , 2004, 11, 449-459.	6.2	80
56	Quantification of PDZ Domain Specificity, Prediction of Ligand Affinity and Rational Design of Super-binding Peptides. <i>Journal of Molecular Biology</i> , 2004, 343, 703-718.	2.0	138