Pirjo Maarit Laakkonen

List of Publications by Year
in descending order

42 papers	4,446 citations	279798 23 h-index	265206 42 g-index
46 all docs	46 docs citations	46 times ranked	5281 citing authors

#	Article	IF	Citations
1	Bivalent EGFR-Targeting DARPin-MMAE Conjugates. International Journal of Molecular Sciences, 2022, 23, 2468.	4.1	8
2	Heparinâ€Derived Theranostic Nanoprobes Overcome the Bloodâ€“Brain Barrier and Target Glioma in Murine Model. Advanced Therapeutics, 2022, 5, .	3.2	7
3	Redox responsive Pluronic micelle mediated delivery of functional siRNA: a modular nano-assembly for targeted delivery. Biomaterials Science, 2021, 9, 3939-3944.	5.4	7
4	Peptide-Based Strategies for Targeted Tumor Treatment and Imaging. Pharmaceutics, 2021, 13, 481.	4.5	31
5	Circumventing Drug Treatment? Intrinsic Lethal Effects of Polyethyleneimine (PEI)-Functionalized Nanoparticles on Glioblastoma Cells Cultured in Stem Cell Conditions. Cancers, 2021, 13, 2631.	3.7	9
6	Peptidotriazolamers Inhibit AÎ²(1â€“42) Oligomerization and Cross a Bloodâ€Brainâ€Barrier Model. ChemPlusChem, 2021, 86, 840-851.	2.8	2
7	CD109-GP130 interaction drives glioblastoma stem cell plasticity and chemoresistance through STAT3 activity. JCI Insight, 2021, 6, .	5.0	23
8	Hepsin regulates TGFÎ² signaling via fibronectin proteolysis. EMBO Reports, 2021, 22, e52532.	4.5	11
9	ARX788, a novel anti-HER2 antibody-drug conjugate, shows anti-tumor effects in preclinical models of trastuzumab emtansine-resistant HER2-positive breast cancer and gastric cancer. Cancer Letters, 2020, 473, 156-163.	7.2	39
10	Tumor-Targeting Peptides: The Functional Screen of Glioblastoma Homing Peptides to the Target Protein FABP3 (MDGI). Cancers, 2020, 12, 1836.	3.7	5
11	Prostateâ€specific membrane antigen expression in the vasculature of primary lung carcinomas associates with faster metastatic dissemination toÂthe brain. Journal of Cellular and Molecular Medicine, 2020, 24, 6916-6927.	3.6	12
12	Prolyl 4â€hydroxylase subunit alpha 1 (P4HA1) is a biomarker of poor prognosis in primary melanomas, and its depletion inhibits melanoma cell invasion and disrupts tumor blood vessel walls. Molecular Oncology, 2020, 14, 742-762.	4.6	14
13	Monotherapy efficacy of bloodâ€“brain barrier permeable small molecule reactivators of protein phosphatase 2A in glioblastoma. Brain Communications, 2020, 2, fcaa002.	3.3	28
14	A Novel Anti-HER2 Antibodyâ€“Drug Conjugate XMT-1522 for HER2-Positive Breast and Gastric Cancers Resistant to Trastuzumab Emtansine. Molecular Cancer Therapeutics, 2019, 18, 1721-1730.	4.1	47
15	Octreotide Conjugates for Tumor Targeting and Imaging. Pharmaceutics, 2019, 11, 220.	4.5	18
16	Vulnerability of invasive glioblastoma cells to lysosomal membrane destabilization. EMBO Molecular Medicine, 2019, 11, .	6.9	38
17	Predicting In Vivo Payloads Delivery using a Blood-brain Tumor-barrier in a Dish. Journal of Visualized Experiments, 2019, , .	0.3	12
18	Anagrelide for Gastrointestinal Stromal Tumor. Clinical Cancer Research, 2019, 25, 1676-1687.	7.0	14

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19	Seek & Destroy, use of targeting peptides for cancer detection and drug delivery. Bioorganic and Medicinal Chemistry, 2018, 26, 2797-2806.	3.0	75
20	Motility of glioblastoma cells is driven by netrin-1 induced gain of stemness. Journal of Experimental and Clinical Cancer Research, 2017, 36, 9.	8.6	21
21	Fibroblast spheroids as a model to study sustained fibroblast quiescence and their crosstalk with tumor cells. Experimental Cell Research, 2016, 345, 17-24.	2.6	16
22	Gene expression analyses of primary melanomas reveal CTHRC1 as an important player in melanoma progression. Oncotarget, 2016, 7, 15065-15092.	1.8	33
23	Identification and Characterization of Homing Peptides Using In Vivo Peptide Phage Display. Methods in Molecular Biology, 2015, 1324, 205-222.	0.9	26
24	Novel Target for Peptide-Based Imaging and Treatment of Brain Tumors. Molecular Cancer Therapeutics, 2014, 13, 996-1007.	4.1	54
25	Tumour Targeting with Rationally Modified Cell-Penetrating Peptides. International Journal of Peptide Research and Therapeutics, 2012, 18, 361-371.	1.9	19
26	An optimized isolation of biotinylated cell surface proteins reveals novel players in cancer metastasis. Journal of Proteomics, 2012, 77, 87-100.	2.4	39
27	Identification of Homing Peptides Using the In Vivo Phage Display Technology. Methods in Molecular Biology, 2011, 683, 401-415.	0.9	19
28	Homing peptides as targeted delivery vehicles. Integrative Biology (United Kingdom), 2010, 2, 326-337.	1.3	124
29	Tumor targeting of baculovirus displaying a lymphatic homing peptide. Journal of Gene Medicine, 2008, 10, 1019-1031.	2.8	33
30	Peptide Targeting of Tumor Lymph Vessels. Annals of the New York Academy of Sciences, 2008, 1131, 37-43.	3.8	71
31	Vascular Endothelial Growth Factor Receptor 3 Is Involved in Tumor Angiogenesis and Growth. Cancer Research, 2007, 67, 593-599.	0.9	216
32	Selective Delivery to Vascular Addresses. Pharmacology & Toxicology, 2006, , 413-422.	0.1	3
33	Antitumor activity of a homing peptide that targets tumor lymphatics and tumor cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9381-9386.	7.1	259
34	Stage-specific vascular markers revealed by phage display in a mouse model of pancreatic islet tumorigenesis. Cancer Cell, 2003, 4, 393-403.	16.8	232
35	Nucleolin expressed at the cell surface is a marker of endothelial cells in angiogenic blood vessels. Journal of Cell Biology, 2003, 163, 871-878.	5.2	427
36	A fragment of the HMGN2 protein homes to the nuclei of tumor cells and tumor endothelial cells in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7444-7449.	7.1	267

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37	A tumor-homing peptide with a targeting specificity related to lymphatic vessels. Nature Medicine, 2002, 8, 751-755.	30.7	447
38	Nanocrystal targeting in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12617-12621.	7.1	1,398
39	Effects of Palmitoylation of Replicase Protein nsP1 on Alphavirus Infection. Journal of Virology, 2000, 74, 6725-6733.	3.4	79
40	Alphavirus Replicase Protein NSP1 Induces Filopodia and Rearrangement of Actin Filaments. Journal of Virology, 1998, 72, 10265-10269.	3.4	63
41	The Effects of Palmitoylation on Membrane Association of Semliki Forest Virus RNA Capping Enzyme. Journal of Biological Chemistry, 1996, 271, 28567-28571.	3.4	95
42	The Alphavirus Replicase Protein nsP1 Is Membrane-Associated and Has Affinity to Endocytic Organelles. Virology, 1995, 208, 610-620.	2.4	102