

Pirjo Maarit Laakkonen

List of Publications by Year in descending order

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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	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
2	A tumor-homing peptide with a targeting specificity related to lymphatic vessels. Nature Medicine, 2002, 8, 751-755.	30.7	447
3	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
4	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
5	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
6	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
7	Vascular Endothelial Growth Factor Receptor 3 Is Involved in Tumor Angiogenesis and Growth. Cancer Research, 2007, 67, 593-599.	0.9	216
8	Homing peptides as targeted delivery vehicles. Integrative Biology (United Kingdom), 2010, 2, 326-337.	1.3	124
9	The Alphavirus Replicase Protein nsP1 Is Membrane-Associated and Has Affinity to Endocytic Organelles. Virology, 1995, 208, 610-620.	2.4	102
10	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
11	Effects of Palmitoylation of Replicase Protein nsP1 on Alphavirus Infection. Journal of Virology, 2000, 74, 6725-6733.	3.4	79
12	Seek & Destroy, use of targeting peptides for cancer detection and drug delivery. Bioorganic and Medicinal Chemistry, 2018, 26, 2797-2806.	3.0	75
13	Peptide Targeting of Tumor Lymph Vessels. Annals of the New York Academy of Sciences, 2008, 1131, 37-43.	3.8	71
14	Alphavirus Replicase Protein NSP1 Induces Filopodia and Rearrangement of Actin Filaments. Journal of Virology, 1998, 72, 10265-10269.	3.4	63
15	Novel Target for Peptide-Based Imaging and Treatment of Brain Tumors. Molecular Cancer Therapeutics, 2014, 13, 996-1007.	4.1	54
16	A Novel Anti-HER2 Antibody-Drug Conjugate XMT-1522 for HER2-Positive Breast and Gastric Cancers Resistant to Trastuzumab Émtansine. Molecular Cancer Therapeutics, 2019, 18, 1721-1730.	4.1	47
17	An optimized isolation of biotinylated cell surface proteins reveals novel players in cancer metastasis. Journal of Proteomics, 2012, 77, 87-100.	2.4	39
18	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

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19	Vulnerability of invasive glioblastoma cells to lysosomal membrane destabilization. <i>EMBO Molecular Medicine</i> , 2019, 11, .	6.9	38
20	Tumor targeting of baculovirus displaying a lymphatic homing peptide. <i>Journal of Gene Medicine</i> , 2008, 10, 1019-1031.	2.8	33
21	Gene expression analyses of primary melanomas reveal CTHRC1 as an important player in melanoma progression. <i>Oncotarget</i> , 2016, 7, 15065-15092.	1.8	33
22	Peptide-Based Strategies for Targeted Tumor Treatment and Imaging. <i>Pharmaceutics</i> , 2021, 13, 481.	4.5	31
23	Monotherapy efficacy of blood-brain barrier permeable small molecule reactivators of protein phosphatase 2A in glioblastoma. <i>Brain Communications</i> , 2020, 2, fcaa002.	3.3	28
24	Identification and Characterization of Homing Peptides Using In Vivo Peptide Phage Display. <i>Methods in Molecular Biology</i> , 2015, 1324, 205-222.	0.9	26
25	CD109-GP130 interaction drives glioblastoma stem cell plasticity and chemoresistance through STAT3 activity. <i>JCI Insight</i> , 2021, 6, .	5.0	23
26	Motility of glioblastoma cells is driven by netrin-1 induced gain of stemness. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 9.	8.6	21
27	Identification of Homing Peptides Using the In Vivo Phage Display Technology. <i>Methods in Molecular Biology</i> , 2011, 683, 401-415.	0.9	19
28	Tumour Targeting with Rationally Modified Cell-Penetrating Peptides. <i>International Journal of Peptide Research and Therapeutics</i> , 2012, 18, 361-371.	1.9	19
29	Octreotide Conjugates for Tumor Targeting and Imaging. <i>Pharmaceutics</i> , 2019, 11, 220.	4.5	18
30	Fibroblast spheroids as a model to study sustained fibroblast quiescence and their crosstalk with tumor cells. <i>Experimental Cell Research</i> , 2016, 345, 17-24.	2.6	16
31	Anagrelide for Gastrointestinal Stromal Tumor. <i>Clinical Cancer Research</i> , 2019, 25, 1676-1687.	7.0	14
32	Prolyl 4-aminohydroxylase 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. <i>Molecular Oncology</i> , 2020, 14, 742-762.	4.6	14
33	Predicting In Vivo Payloads Delivery using a Blood-brain Tumor-barrier in a Dish. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	12
34	Prostate-specific membrane antigen expression in the vasculature of primary lung carcinomas associates with faster metastatic dissemination to the brain. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 6916-6927.	3.6	12
35	Hepsin regulates TGF β ² signaling via fibronectin proteolysis. <i>EMBO Reports</i> , 2021, 22, e52532.	4.5	11
36	Circumventing Drug Treatment? Intrinsic Lethal Effects of Polyethyleneimine (PEI)-Functionalized Nanoparticles on Glioblastoma Cells Cultured in Stem Cell Conditions. <i>Cancers</i> , 2021, 13, 2631.	3.7	9

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37	Bivalent EGFR-Targeting DARPIn-MMAE Conjugates. International Journal of Molecular Sciences, 2022, 23, 2468.	4.1	8
38	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
39	Heparinâ€Derived Theranostic Nanoprobes Overcome the Bloodâ€Brain Barrier and Target Glioma in Murine Model. Advanced Therapeutics, 2022, 5, .	3.2	7
40	Tumor-Targeting Peptides: The Functional Screen of Glioblastoma Homing Peptides to the Target Protein FABP3 (MDGI). Cancers, 2020, 12, 1836.	3.7	5
41	Selective Delivery to Vascular Addresses. Pharmacology & Toxicology, 2006, , 413-422.	0.1	3
42	Peptidotriazolamers Inhibit AÎ²(1â€42) Oligomerization and Cross a Bloodâ€Brainâ€Barrier Model. ChemPlusChem, 2021, 86, 840-851.	2.8	2