

Renata Pasqualini

List of Publications by Year in descending order

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234
papers

23,717
citations

9756

73
h-index

8138

148
g-index

243
all docs

243
docs citations

243
times ranked

23468
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer Treatment by Targeted Drug Delivery to Tumor Vasculature in a Mouse Model. <i>Science</i> , 1998, 279, 377-380.	6.0	1,916
2	Organ targeting In vivo using phage display peptide libraries. <i>Nature</i> , 1996, 380, 364-366.	13.7	1,150
3	Anti-cancer activity of targeted pro-apoptotic peptides. <i>Nature Medicine</i> , 1999, 5, 1032-1038.	15.2	866
4	A Population of Multipotent CD34-Positive Adipose Stromal Cells Share Pericyte and Mesenchymal Surface Markers, Reside in a Periendothelial Location, and Stabilize Endothelial Networks. <i>Circulation Research</i> , 2008, 102, 77-85.	2.0	762
5	$\alpha_5\beta_1$ Integrins as receptors for tumor targeting by circulating ligands. <i>Nature Biotechnology</i> , 1997, 15, 542-546.	9.4	717
6	Aminopeptidase N is a receptor for tumor-homing peptides and a target for inhibiting angiogenesis. <i>Cancer Research</i> , 2000, 60, 722-7.	0.4	683
7	Steps toward mapping the human vasculature by phage display. <i>Nature Medicine</i> , 2002, 8, 121-127.	15.2	557
8	Three-dimensional tissue culture based on magnetic cell levitation. <i>Nature Nanotechnology</i> , 2010, 5, 291-296.	15.6	551
9	Intravascular Delivery of Particulate Systems: Does Geometry Really Matter?. <i>Pharmaceutical Research</i> , 2009, 26, 235-43.	1.7	541
10	Reversal of obesity by targeted ablation of adipose tissue. <i>Nature Medicine</i> , 2004, 10, 625-632.	15.2	523
11	Tumor targeting with a selective gelatinase inhibitor. <i>Nature Biotechnology</i> , 1999, 17, 768-774.	9.4	509
12	Molecular heterogeneity of the vascular endothelium revealed by in vivo phage display.. <i>Journal of Clinical Investigation</i> , 1998, 102, 430-437.	3.9	409
13	Cell surface expression of the stress response chaperone GRP78 enables tumor targeting by circulating ligands. <i>Cancer Cell</i> , 2004, 6, 275-284.	7.7	369
14	Random peptide libraries displayed on adeno-associated virus to select for targeted gene therapy vectors. <i>Nature Biotechnology</i> , 2003, 21, 1040-1046.	9.4	352
15	The ephrin-A1 ligand and its receptor, EphA2, are expressed during tumor neovascularization. <i>Oncogene</i> , 2000, 19, 6043-6052.	2.6	336
16	Genetic Basis for In Vivo Daptomycin Resistance in Enterococci. <i>New England Journal of Medicine</i> , 2011, 365, 892-900.	13.9	324
17	Fingerprinting the circulating repertoire of antibodies from cancer patients. <i>Nature Biotechnology</i> , 2003, 21, 57-63.	9.4	313
18	White Adipose Tissue Cells Are Recruited by Experimental Tumors and Promote Cancer Progression in Mouse Models. <i>Cancer Research</i> , 2009, 69, 5259-5266.	0.4	294

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19	Targeting the prostate for destruction through a vascular address. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1527-1531.	3.3	282
20	CD13/APN is activated by angiogenic signals and is essential for capillary tube formation. Blood, 2001, 97, 652-659.	0.6	281
21	Networks of gold nanoparticles and bacteriophage as biological sensors and cell-targeting agents. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1215-1220.	3.3	258
22	Biopanning and rapid analysis of selective interactive ligands. Nature Medicine, 2001, 7, 1249-1253.	15.2	256
23	A Hybrid Vector for Ligand-Directed Tumor Targeting and Molecular Imaging. Cell, 2006, 125, 385-398.	13.5	242
24	A peptide isolated from phage display libraries is a structural and functional mimic of an RGD-binding site on integrins.. Journal of Cell Biology, 1995, 130, 1189-1196.	2.3	233
25	PRUNE2 is a human prostate cancer suppressor regulated by the intronic long noncoding RNA <i>PCA3</i> . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8403-8408.	3.3	226
26	Fibronectin Matrix Regulates Activation of RHO and CDC42 GTPases and Cell Cycle Progression. Journal of Cell Biology, 1998, 143, 267-276.	2.3	223
27	Incorporation of Tumor-Targeting Peptides into Recombinant Adeno-associated Virus Capsids. Molecular Therapy, 2001, 3, 964-975.	3.7	217
28	Differential binding of drugs containing the NGR motif to CD13 isoforms in tumor vessels, epithelia, and myeloid cells. Cancer Research, 2002, 62, 867-74.	0.4	217
29	Display technologies: Application for the discovery of drug and gene delivery agents†. Advanced Drug Delivery Reviews, 2006, 58, 1622-1654.	6.6	216
30	A Previously Unrecognized Protein-Protein Interaction between TWEAK and CD163: Potential Biological Implications. Journal of Immunology, 2007, 178, 8183-8194.	0.4	194
31	Optical Systems for <i>In Vivo</i> Molecular Imaging of Cancer. Technology in Cancer Research and Treatment, 2003, 2, 491-504.	0.8	193
32	Probing the structural and molecular diversity of tumor vasculature. Trends in Molecular Medicine, 2002, 8, 563-571.	3.5	190
33	In vivo phage display and vascular heterogeneity: implications for targeted medicine. Current Opinion in Chemical Biology, 2002, 6, 399-404.	2.8	180
34	SPARC Regulates Extracellular Matrix Organization through Its Modulation of Integrin-linked Kinase Activity. Journal of Biological Chemistry, 2005, 280, 36483-36493.	1.6	179
35	Coronary Microvascular Pericytes Are the Cellular Target of Sunitinib Malate–Induced Cardiotoxicity. Science Translational Medicine, 2013, 5, 187ra69.	5.8	162
36	Novel Function of Alternatively Activated Macrophages: Stabilin-1-Mediated Clearance of SPARC. Journal of Immunology, 2006, 176, 5825-5832.	0.4	156

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37	Ligand-targeted theranostic nanomedicines against cancer. <i>Journal of Controlled Release</i> , 2016, 240, 267-286.	4.8	154
38	A physical sciences network characterization of non-tumorigenic and metastatic cells. <i>Scientific Reports</i> , 2013, 3, 1449.	1.6	146
39	Systemic combinatorial peptide selection yields a non-canonical iron-mimicry mechanism for targeting tumors in a mouse model of human glioblastoma. <i>Journal of Clinical Investigation</i> , 2011, 121, 161-173.	3.9	141
40	Aminopeptidase A is a functional target in angiogenic blood vessels. <i>Cancer Cell</i> , 2004, 5, 151-162.	7.7	132
41	Combinatorial Screenings in Patients. <i>Cancer Research</i> , 2004, 64, 435-439.	0.4	129
42	Next-Generation Phage Display: Integrating and Comparing Available Molecular Tools to Enable Cost-Effective High-Throughput Analysis. <i>PLoS ONE</i> , 2009, 4, e8338.	1.1	129
43	A polymeric form of fibronectin has antimetastatic effects against multiple tumor types. <i>Nature Medicine</i> , 1996, 2, 1197-1203.	15.2	128
44	Vascular Targeting: Recent Advances and Therapeutic Perspectives. <i>Trends in Cardiovascular Medicine</i> , 2006, 16, 80-88.	2.3	128
45	NG2 proteoglycan-binding peptides target tumor neovasculature. <i>Cancer Research</i> , 1999, 59, 2869-74.	0.4	127
46	The function and distinctive regulation of the integrin VLA-3 in cell adhesion, spreading, and homotypic cell aggregation. <i>Journal of Biological Chemistry</i> , 1993, 268, 8651-7.	1.6	125
47	Molecular addresses in blood vessels as targets for therapy. <i>Current Opinion in Chemical Biology</i> , 2001, 5, 308-313.	2.8	123
48	Enhanced relative biological effectiveness of proton radiotherapy in tumor cells with internalized gold nanoparticles. <i>Applied Physics Letters</i> , 2011, 98, 193702.	1.5	121
49	Synchronous selection of homing peptides for multiple tissues by in vivo phage display. <i>FASEB Journal</i> , 2006, 20, 979-981.	0.2	118
50	A peptide mimic of E-selectin ligand inhibits sialyl Lewis X-dependent lung colonization of tumor cells. <i>Cancer Research</i> , 2000, 60, 450-6.	0.4	114
51	Cooperative effects of aminopeptidase N (CD13) expressed by nonmalignant and cancer cells within the tumor microenvironment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1637-1642.	3.3	111
52	Impaired angiogenesis in aminopeptidase N-null mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4588-4593.	3.3	110
53	Targeted Induction of Lung Endothelial Cell Apoptosis Causes Emphysema-like Changes in the Mouse. <i>Journal of Biological Chemistry</i> , 2008, 283, 29447-29460.	1.6	110
54	Anti-ceramide antibody prevents the radiation gastrointestinal syndrome in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 1786-1790.	3.9	110

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55	Targeted Drug Delivery and Penetration Into Solid Tumors. <i>Medicinal Research Reviews</i> , 2012, 32, 1078-1091.	5.0	108
56	Launching a Novel Preclinical Infrastructure: Comparative Oncology Trials Consortium Directed Therapeutic Targeting of TNF α to Cancer Vasculature. <i>PLoS ONE</i> , 2009, 4, e4972.	1.1	103
57	Contrasting roles for integrin beta 1 and beta 5 cytoplasmic domains in subcellular localization, cell proliferation, and cell migration.. <i>Journal of Cell Biology</i> , 1994, 125, 447-460.	2.3	98
58	Identification of receptor ligands with phage display peptide libraries. <i>Journal of Nuclear Medicine</i> , 1999, 40, 883-8.	2.8	98
59	Targeting Pancreatic Islets with Phage Display Assisted by Laser Pressure Catapult Microdissection. <i>American Journal of Pathology</i> , 2005, 166, 625-636.	1.9	96
60	Chemotherapy targeted to tumor vasculature. <i>Current Opinion in Oncology</i> , 1998, 10, 560-565.	1.1	94
61	A study of the structure, function and distribution of $\alpha 25$ integrins using novel anti- $\alpha 25$ monoclonal antibodies. <i>Journal of Cell Science</i> , 1994, 105, 101-2342.	1.2	94
62	Design and construction of targeted AAVP vectors for mammalian cell transduction. <i>Nature Protocols</i> , 2007, 2, 523-531.	5.5	93
63	Discovery of a functional protein complex of netrin-4, laminin $\beta 1$ chain, and integrin $\alpha 6 \beta 2$ in mouse neural stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2903-2908.	3.3	92
64	Targeting neuropilin-1 in human leukemia and lymphoma. <i>Blood</i> , 2011, 117, 920-927.	0.6	91
65	Targeted disruption of CD43 gene enhances T lymphocyte adhesion. <i>Journal of Immunology</i> , 1993, 151, 1528-34.	0.4	91
66	Molecular Adaptors for Vascular-Targeted Adenoviral Gene Delivery. <i>Human Gene Therapy</i> , 2000, 11, 1971-1981.	1.4	86
67	In Vivo Detection of Gold α Imidazole Self-Assembly Complexes: NIR-SERS Signal Reporters. <i>Analytical Chemistry</i> , 2006, 78, 6232-6237.	3.2	81
68	GRP78 Signaling Hub. <i>Advances in Genetics</i> , 2010, 69, 97-114.	0.8	80
69	A Peptidomimetic Targeting White Fat Causes Weight Loss and Improved Insulin Resistance in Obese Monkeys. <i>Science Translational Medicine</i> , 2011, 3, 108ra112.	5.8	80
70	Tumor-Targeted Gene Delivery Using Molecularly Engineered Hybrid Polymers Functionalized with a Tumor-Homing Peptide. <i>Bioconjugate Chemistry</i> , 2008, 19, 403-405.	1.8	78
71	Combined targeting of perivascular and endothelial tumor cells enhances anti-tumor efficacy of liposomal chemotherapy in neuroblastoma. <i>Journal of Controlled Release</i> , 2010, 145, 66-73.	4.8	78
72	Ligand-Directed Surface Profiling of Human Cancer Cells with Combinatorial Peptide Libraries. <i>Cancer Research</i> , 2006, 66, 34-40.	0.4	77

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73	Does the Renin-Angiotensin System Participate in Regulation of Human Vasculogenesis and Angiogenesis?. <i>Cancer Research</i> , 2008, 68, 9112-9115.	0.4	77
74	An anti-angiogenic state in mice and humans with retinal photoreceptor cell degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10368-10373.	3.3	75
75	The Interleukin-11 Receptor $\hat{\pm}$ as a Candidate Ligand-Directed Target in Osteosarcoma: Consistent Data from Cell Lines, Orthotopic Models, and Human Tumor Samples. <i>Cancer Research</i> , 2009, 69, 1995-1999.	0.4	74
76	A preclinical model for predicting drug response in soft-tissue sarcoma with targeted AAVP molecular imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4471-4476.	3.3	72
77	Vascular ligand-receptor mapping by direct combinatorial selection in cancer patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18637-18642.	3.3	71
78	IFATS Collection: Combinatorial Peptides Identify $\hat{\pm}5\hat{1}^21$ Integrin as a Receptor for the Matricellular Protein SPARC on Adipose Stromal Cells. <i>Stem Cells</i> , 2008, 26, 2735-2745.	1.4	70
79	Luminescent Silica Nanoparticles for Cancer Diagnosis. <i>Current Medicinal Chemistry</i> , 2013, 20, 2195-2211.	1.2	70
80	Mechanism of action and initial evaluation of a membrane active all- $\langle \text{scp} \rangle \text{D} \langle / \text{scp} \rangle$ -enantiomer antimicrobial peptidomimetic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3477-3482.	3.3	69
81	Characterization of the cellular receptor for fibronectin through a hydrophatic complementarity approach.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 364-367.	3.3	68
82	A Subset of Host B Lymphocytes Controls Melanoma Metastasis through a Melanoma Cell Adhesion Molecule/MUC18-Dependent Interaction: Evidence from Mice and Humans. <i>Cancer Research</i> , 2008, 68, 8419-8428.	0.4	68
83	Molecular PET imaging of HSV1-tk reporter gene expression using $[18\text{F}]$ FEAU. <i>Nature Protocols</i> , 2007, 2, 416-423.	5.5	67
84	Nna1 Mediates Purkinje Cell Dendritic Development via Lysyl Oxidase Propeptide and NF- $\hat{\rho}$ B Signaling. <i>Neuron</i> , 2010, 68, 45-60.	3.8	67
85	Design and Validation of a Bifunctional Ligand Display System for Receptor Targeting. <i>Chemistry and Biology</i> , 2004, 11, 1081-1091.	6.2	66
86	Inhibition of Established Micrometastases by Targeted Drug Delivery via Cell Surface-Associated GRP78. <i>Clinical Cancer Research</i> , 2013, 19, 2107-2116.	3.2	66
87	Tumor vasculature-targeted delivery of tumor necrosis factor $\hat{\pm}^*$. <i>Cancer</i> , 2009, 115, 128-139.	2.0	65
88	Pulmonary Targeting of Adeno-associated Viral Vectors by Next-generation Sequencing-guided Screening of Random Capsid Displayed Peptide Libraries. <i>Molecular Therapy</i> , 2016, 24, 1050-1061.	3.7	65
89	Mapping tumor vascular diversity by screening phage display libraries. <i>Journal of Controlled Release</i> , 2003, 91, 183-186.	4.8	64
90	Hybridoma-free generation of monoclonal antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 257-259.	3.3	64

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91	From combinatorial peptide selection to drug prototype (I): Targeting the vascular endothelial growth factor receptor pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5112-5117.	3.3	62
92	Preclinical efficacy of the GPER-selective agonist G-1 in mouse models of obesity and diabetes. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	62
93	An HSP90-mimic peptide revealed by fingerprinting the pool of antibodies from ovarian cancer patients. <i>Oncogene</i> , 2004, 23, 8859-8867.	2.6	61
94	Peptidase substrates via global peptide profiling. <i>Nature Chemical Biology</i> , 2009, 5, 23-25.	3.9	61
95	Peptides Targeting Caspase Inhibitors. <i>Journal of Biological Chemistry</i> , 2003, 278, 14401-14405.	1.6	58
96	Combinatorial Targeting of the Macropinocytotic Pathway in Leukemia and Lymphoma Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 11752-11762.	1.6	58
97	Î±vÎ²5 Integrin-Dependent Programmed Cell Death Triggered by a Peptide Mimic of Annexin V. <i>Molecular Cell</i> , 2003, 11, 1151-1162.	4.5	57
98	The I Domain is Essential for Echovirus 1 Interaction with VLA-2. <i>Cell Adhesion and Communication</i> , 1994, 2, 455-464.	1.7	56
99	Integrated nanotechnology platform for tumor-targeted multimodal imaging and therapeutic cargo release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1877-1882.	3.3	55
100	A total transcriptome profiling method for plasma-derived extracellular vesicles: applications for liquid biopsies. <i>Scientific Reports</i> , 2017, 7, 14395.	1.6	55
101	Selection and identification of ligand peptides targeting a model of castrate-resistant osteogenic prostate cancer and their receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3776-3781.	3.3	53
102	From combinatorial peptide selection to drug prototype (II): Targeting the epidermal growth factor receptor pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5118-5123.	3.3	52
103	Prohibitin/annexin 2 interaction regulates fatty acid transport in adipose tissue. <i>JCI Insight</i> , 2016, 1, .	2.3	51
104	BCAM and LAMA5 Mediate the Recognition between Tumor Cells and the Endothelium in the Metastatic Spreading of KRAS-Mutant Colorectal Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 4923-4933.	3.2	50
105	A heterotypic bystander effect for tumor cell killing after adeno-associated virus/phage-mediated, vascular-targeted suicide gene transfer. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 2383-2391.	1.9	48
106	An Integrated Approach for the Rational Design of Nanovectors for Biomedical Imaging and Therapy. <i>Advances in Genetics</i> , 2010, 69, 31-64.	0.8	48
107	Role of the gp85/Trans-Sialidases in <i>Trypanosoma cruzi</i> Tissue Tropism: Preferential Binding of a Conserved Peptide Motif to the Vasculature In Vivo. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e864.	1.3	47
108	The peptidomimetic Vasotide targets two retinal VEGF receptors and reduces pathological angiogenesis in murine and nonhuman primate models of retinal disease. <i>Science Translational Medicine</i> , 2015, 7, 309ra165.	5.8	46

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109	Cell surface-associated Tat modulates HIV-1 infection and spreading through a specific interaction with gp120 viral envelope protein. <i>Blood</i> , 2005, 105, 2802-2811.	0.6	44
110	A complex of α_6 integrin and E-cadherin drives liver metastasis of colorectal cancer cells through hepatic angiopoietin-like 6. <i>EMBO Molecular Medicine</i> , 2012, 4, 1156-1175.	3.3	44
111	Targeting the interleukin-11 receptor α_1 in metastatic prostate cancer: A first-in-man study. <i>Cancer</i> , 2015, 121, 2411-2421.	2.0	44
112	Combinatorial targeting and discovery of ligand-receptors in organelles of mammalian cells. <i>Nature Communications</i> , 2012, 3, 788.	5.8	42
113	Discovery and horizontal follow-up of an autoantibody signature in human prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2515-2520.	3.3	42
114	Bottom-Up Assembly of Hydrogels from Bacteriophage and Au Nanoparticles: The Effect of Cis- and Trans-Acting Factors. <i>PLoS ONE</i> , 2008, 3, e2242.	1.1	41
115	MicroRNAs and Ultraconserved Genes as Diagnostic Markers and Therapeutic Targets in Cancer and Cardiovascular Diseases. <i>Journal of Cardiovascular Translational Research</i> , 2010, 3, 271-279.	1.1	41
116	Novel phage display-derived neuroblastoma-targeting peptides potentiate the effect of drug nanocarriers in preclinical settings. <i>Journal of Controlled Release</i> , 2013, 170, 233-241.	4.8	41
117	AAVP displaying octreotide for ligand-directed therapeutic transgene delivery in neuroendocrine tumors of the pancreas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2466-2471.	3.3	41
118	Mathematical prediction of clinical outcomes in advanced cancer patients treated with checkpoint inhibitor immunotherapy. <i>Science Advances</i> , 2020, 6, eaay6298.	4.7	41
119	Structural Basis for the Interaction of a Vascular Endothelial Growth Factor Mimic Peptide Motif and Its Corresponding Receptors. <i>Chemistry and Biology</i> , 2005, 12, 1075-1083.	6.2	40
120	Angiogenesis with pericyte abnormalities in a transgenic model of prostate carcinoma. <i>Cancer</i> , 2005, 104, 2104-2115.	2.0	39
121	Beyond Receptor Expression Levels: The Relevance of Target Accessibility in Ligand-Directed Pharmacodelivery Systems. <i>Trends in Cardiovascular Medicine</i> , 2008, 18, 126-133.	2.3	39
122	Synchronous down-modulation of miR-17 family members is an early causative event in the retinal angiogenic switch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3770-3775.	3.3	39
123	Targeted molecular-genetic imaging and ligand-directed therapy in aggressive variant prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12786-12791.	3.3	39
124	A multifunctional streptococcal collagen-mimetic protein coating prevents bacterial adhesion and promotes osteoid formation on titanium. <i>Acta Biomaterialia</i> , 2014, 10, 3354-3362.	4.1	38
125	Intracellular targeting of annexin A2 inhibits tumor cell adhesion, migration, and in vivo grafting. <i>Scientific Reports</i> , 2017, 7, 4243.	1.6	38
126	An unrecognized extracellular function for an intracellular adapter protein released from the cytoplasm into the tumor microenvironment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2182-2187.	3.3	37

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127	Combinatorial Ligand-directed Lung Targeting. Proceedings of the American Thoracic Society, 2009, 6, 411-415.	3.5	37
128	Receptor Tyrosine Kinase EphA5 Is a Functional Molecular Target in Human Lung Cancer. Journal of Biological Chemistry, 2015, 290, 7345-7359.	1.6	36
129	Emerging Pharmacologic Targets in Cerebral Cavernous Malformation and Potential Strategies to Alter the Natural History of a Difficult Disease. JAMA Neurology, 2019, 76, 492.	4.5	36
130	Teratogenicity induced by targeting a placental immunoglobulin transporter. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13055-13060.	3.3	35
131	CD13-positive bone marrow-derived myeloid cells promote angiogenesis, tumor growth, and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20717-20722.	3.3	35
132	Tissue plasminogen activator regulates Purkinje neuron development and survival. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2410-9.	3.3	35
133	Self-targeting of TNF-releasing cancer cells in preclinical models of primary and metastatic tumors. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2223-2228.	3.3	35
134	Design and proof of concept for targeted phage-based COVID-19 vaccination strategies with a streamlined cold-free supply chain. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	35
135	Determination of the putative binding site for fibronectin on platelet glycoprotein IIb-IIIa complex through a hydrophobic complementarity approach. Journal of Biological Chemistry, 1989, 264, 14566-70.	1.6	35
136	Fatty acid mobilization from adipose tissue is mediated by CD36 posttranslational modifications and intracellular trafficking. JCI Insight, 2021, 6, .	2.3	34
137	Next-generation of targeted AAVP vectors for systemic transgene delivery against cancer. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18571-18577.	3.3	33
138	Monoclonal IgG in MGUS and multiple myeloma targets infectious pathogens. JCI Insight, 2017, 2, .	2.3	32
139	A Ligand Peptide Motif Selected from a Cancer Patient Is a Receptor-Interacting Site within Human Interleukin-11. PLoS ONE, 2008, 3, e3452.	1.1	31
140	B α cell receptor epitope recognition correlates with the clinical course of chronic lymphocytic leukemia. Cancer, 2011, 117, 1891-1900.	2.0	31
141	Towards a transcriptome-based theranostic platform for unfavorable breast cancer phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12780-12785.	3.3	31
142	Interaction between Tumor Cell Surface Receptor RAGE and Proteinase 3 Mediates Prostate Cancer Metastasis to Bone. Cancer Research, 2017, 77, 3144-3150.	0.4	31
143	TLR9/MyD88/TRIF signaling activates host immune inhibitory CD200 in Leishmania infection. JCI Insight, 2019, 4, .	2.3	31
144	Modulation of the immune response by systemic targeting of antigens to lymph nodes. Cancer Research, 2001, 61, 8110-2.	0.4	31

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145	Superfibronectin, a Multimeric Form of Fibronectin, Increases HIV Infection of Primary CD4+T Lymphocytes. <i>Journal of Immunology</i> , 2000, 164, 3236-3245.	0.4	29
146	Techniques to Decipher Molecular Diversity by Phage Display. , 2007, 357, 385-406.		29
147	Treatment of hypoxia-induced retinopathy with targeted proapoptotic peptidomimetic in a mouse model of disease. <i>FASEB Journal</i> , 2007, 21, 3272-3278.	0.2	29
148	A 45-kDa ErbB3 secreted by prostate cancer cells promotes bone formation. <i>Oncogene</i> , 2008, 27, 5195-5203.	2.6	29
149	Combinatorial targeting and nanotechnology applications. <i>Biomedical Microdevices</i> , 2010, 12, 597-606.	1.4	29
150	Matrix Fibronectin Increases HIV Stability and Infectivity. <i>Journal of Immunology</i> , 2002, 168, 5722-5729.	0.4	28
151	Targeting mammalian organelles with internalizing phage (iPhage) libraries. <i>Nature Protocols</i> , 2013, 8, 1916-1939.	5.5	28
152	Vascular targeting and antigen presentation. <i>Nature Immunology</i> , 2001, 2, 567-568.	7.0	27
153	Revisiting Ethical Guidelines for Research with Terminal Wean and Brain-Dead Participants. <i>Hastings Center Report</i> , 2003, 33, 20.	0.7	27
154	Processing of the Matricellular Protein Hevin in Mouse Brain Is Dependent on ADAMTS4. <i>Journal of Biological Chemistry</i> , 2010, 285, 5868-5877.	1.6	27
155	Inhibitory Peptides of the Sulfotransferase Domain of the Heparan Sulfate Enzyme, N-Deacetylase-N-sulfotransferase-1. <i>Journal of Biological Chemistry</i> , 2011, 286, 5338-5346.	1.6	27
156	Blockade of inhibitors of apoptosis (IAPs) in combination with tumor-targeted delivery of tumor necrosis factor- α leads to synergistic antitumor activity. <i>Cancer Gene Therapy</i> , 2013, 20, 46-56.	2.2	27
157	Ceramide launches an acute anti-adhesion pro-migration cell signaling program in response to chemotherapy. <i>FASEB Journal</i> , 2020, 34, 7610-7630.	0.2	27
158	Antiangiogenic Therapy Decreases Integrin Expression in Normalized Tumor Blood Vessels. <i>Cancer Research</i> , 2006, 66, 2639-2649.	0.4	26
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