

# Alexander Pfeifer

## List of Publications by Year in descending order

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149  
papers

11,373  
citations

25034

57  
h-index

30922

102  
g-index

154  
all docs

154  
docs citations

154  
times ranked

16107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuronal fate determinants of adult olfactory bulb neurogenesis. <i>Nature Neuroscience</i> , 2005, 8, 865-872.	14.8	549
2	Lack of an endothelial store-operated Ca <sup>2+</sup> current impairs agonist-dependent vasorelaxation in TRP4 <sup>Δ</sup> /Δ mice. <i>Nature Cell Biology</i> , 2001, 3, 121-127.	10.3	533
3	Transgenesis by lentiviral vectors: Lack of gene silencing in mammalian embryonic stem cells and preimplantation embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2140-2145.	7.1	511
4	Cyld Inhibits Tumor Cell Proliferation by Blocking Bcl-3-Dependent NF- $\kappa$ B Signaling. <i>Cell</i> , 2006, 125, 665-677.	28.9	451
5	Engraftment of connexin 43-expressing cells prevents post-infarct arrhythmia. <i>Nature</i> , 2007, 450, 819-824.	27.8	386
6	Integrin-linked kinase (ILK) is required for polarizing the epiblast, cell adhesion, and controlling actin accumulation. <i>Genes and Development</i> , 2003, 17, 926-940.	5.9	348
7	Adenosine activates brown adipose tissue and recruits beige adipocytes via A2A receptors. <i>Nature</i> , 2014, 516, 395-399.	27.8	316
8	GENETHERAPY: Promises and Problems. <i>Annual Review of Genomics and Human Genetics</i> , 2001, 2, 177-211.	6.2	262
9	Efficient transgenesis in farm animals by lentiviral vectors. <i>EMBO Reports</i> , 2003, 4, 1054-1058.	4.5	251
10	Functional Embryonic Cardiomyocytes after Disruption of the L-type $\text{Ca}^{2+}$ (Ca <sub>v</sub> 1.2) Calcium Channel Gene in the Mouse. <i>Journal of Biological Chemistry</i> , 2000, 275, 39193-39199.	3.4	241
11	Mechanisms of NO/cGMP-Dependent Vasorelaxation. <i>Circulation Research</i> , 2000, 87, 825-830.	4.5	228
12	Adult Neurogenesis Requires Smad4-Mediated Bone Morphogenic Protein Signaling in Stem Cells. <i>Journal of Neuroscience</i> , 2008, 28, 434-446.	3.6	228
13	miR-155 regulates differentiation of brown and beige adipocytes via a bistable circuit. <i>Nature Communications</i> , 2013, 4, 1769.	12.8	225
14	Increased Adhesion and Aggregation of Platelets Lacking Cyclic Guanosine 3',5'-Monophosphate Kinase I. <i>Journal of Experimental Medicine</i> , 1999, 189, 1255-1264.	8.5	222
15	Down-regulation of CYLD expression by Snail promotes tumor progression in malignant melanoma. <i>Journal of Experimental Medicine</i> , 2009, 206, 221-232.	8.5	193
16	The RGD motif in fibronectin is essential for development but dispensable for fibril assembly. <i>Journal of Cell Biology</i> , 2007, 178, 167-178.	5.2	183
17	Attenuation of replication by a 29 nucleotide deletion in SARS-coronavirus acquired during the early stages of human-to-human transmission. <i>Scientific Reports</i> , 2018, 8, 15177.	3.3	181
18	Pancreas-specific RelA/p65 truncation increases susceptibility of acini to inflammation-associated cell death following cerulein pancreatitis. <i>Journal of Clinical Investigation</i> , 2007, 117, 1490-1501.	8.2	171

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19	Glucose Intolerance and Reduced Proliferation of Pancreatic $\beta$ -Cells in Transgenic Pigs With Impaired Glucose-Dependent Insulinotropic Polypeptide Function. <i>Diabetes</i> , 2010, 59, 1228-1238.	0.6	160
20	Impaired Channel Targeting and Retinal Degeneration in Mice Lacking the Cyclic Nucleotide-Gated Channel Subunit CNGB1. <i>Journal of Neuroscience</i> , 2005, 25, 130-138.	3.6	148
21	Generation of Transgenic Cattle by Lentiviral Gene Transfer into Oocytes <sup>1</sup> . <i>Biology of Reproduction</i> , 2004, 71, 405-409.	2.7	147
22	Exosomal microRNA miR-92a concentration in serum reflects human brown fat activity. <i>Nature Communications</i> , 2016, 7, 11420.	12.8	137
23	Connexin expression by radial glia-like cells is required for neurogenesis in the adult dentate gyrus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11336-11341.	7.1	127
24	Brown, Beige, and White: The New Color Code of Fat and Its Pharmacological Implications. <i>Annual Review of Pharmacology and Toxicology</i> , 2015, 55, 207-227.	9.4	127
25	Lentivector-mediated RNAi efficiently suppresses prion protein and prolongs survival of scrapie-infected mice. <i>Journal of Clinical Investigation</i> , 2006, 116, 3204-3210.	8.2	125
26	Long-Term Potentiation in the Hippocampal CA1 Region of Mice Lacking cGMP-Dependent Kinases Is Normal and Susceptible to Inhibition of Nitric Oxide Synthase. <i>Journal of Neuroscience</i> , 1999, 19, 48-55.	3.6	123
27	Association with the Auxiliary Subunit PEX5R/Trip8b Controls Responsiveness of HCN Channels to cAMP and Adrenergic Stimulation. <i>Neuron</i> , 2009, 62, 814-825.	8.1	119
28	Transduction of Liver Cells by Lentiviral Vectors: Analysis in Living Animals by Fluorescence Imaging. <i>Molecular Therapy</i> , 2001, 3, 319-322.	8.2	118
29	Protein Kinase C Controls Brown Fat Cell Differentiation and Mitochondrial Biogenesis. <i>Science Signaling</i> , 2009, 2, ra78.	3.6	118
30	Increased cGMP promotes healthy expansion and browning of white adipose tissue. <i>FASEB Journal</i> , 2013, 27, 1621-1630.	0.5	117
31	Decoding Signaling and Function of the Orphan G Protein-Coupled Receptor GPR17 with a Small-Molecule Agonist. <i>Science Signaling</i> , 2013, 6, ra93.	3.6	111
32	Combined targeting of lentiviral vectors and positioning of transduced cells by magnetic nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 44-49.	7.1	110
33	FOXK1 and FOXK2 regulate aerobic glycolysis. <i>Nature</i> , 2019, 566, 279-283.	27.8	110
34	Endothelial- and Immune Cell-Derived Extracellular Vesicles in the Regulation of Cardiovascular Health and Disease. <i>JACC Basic To Translational Science</i> , 2017, 2, 790-807.	4.1	104
35	Epigenetic Regulation of Lentiviral Transgene Vectors in a Large Animal Model. <i>Molecular Therapy</i> , 2006, 13, 59-66.	8.2	103
36	PVAT and Its Relation to Brown, Beige, and White Adipose Tissue in Development and Function. <i>Frontiers in Physiology</i> , 2018, 9, 70.	2.8	103

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37	Mena and Vasodilator-Stimulated Phosphoprotein Are Required for Multiple Actin-Dependent Processes That Shape the Vertebrate Nervous System. <i>Journal of Neuroscience</i> , 2004, 24, 8029-8038.	3.6	98
38	Absence of the $\beta_3$ Subunit of the Skeletal Muscle Dihydropyridine Receptor Increases L-type $\text{Ca}^{2+}$ Currents and Alters Channel Inactivation Properties. <i>Journal of Biological Chemistry</i> , 2000, 275, 14476-14481.	3.4	95
39	The Murine HCN3 Gene Encodes a Hyperpolarization-activated Cation Channel with Slow Kinetics and Unique Response to Cyclic Nucleotides. <i>Journal of Biological Chemistry</i> , 2005, 280, 27056-27061.	3.4	95
40	Lentiviral transgenesis. <i>Transgenic Research</i> , 2004, 13, 513-522.	2.4	94
41	Identification of the Amino Acid Sequences Responsible for High Affinity Activation of cGMP Kinase $\text{K}^{11}$ . <i>Journal of Biological Chemistry</i> , 1997, 272, 10522-10528.	3.4	92
42	Efficient transgenesis in farm animals by lentiviral vectors. <i>EMBO Reports</i> , 2003, 4, 1054-1058.	4.5	91
43	The Gq signalling pathway inhibits brown and beige adipose tissue. <i>Nature Communications</i> , 2016, 7, 10895.	12.8	90
44	FOXO4-dependent upregulation of superoxide dismutase-2 in response to oxidative stress is impaired in spinocerebellar ataxia type 3. <i>Human Molecular Genetics</i> , 2011, 20, 2928-2941.	2.9	87
45	Stimulation of soluble guanylyl cyclase protects against obesity by recruiting brown adipose tissue. <i>Nature Communications</i> , 2015, 6, 7235.	12.8	85
46	Direct targeting of G $\alpha_q$ and G $\alpha_{11}$ oncoproteins in cancer cells. <i>Science Signaling</i> , 2019, 12, .	3.6	84
47	Cyclic GMP and Protein Kinase G Control a Src-Containing Mechanosome in Osteoblasts. <i>Science Signaling</i> , 2010, 3, ra91.	3.6	80
48	Distribution and expression of porcine endogenous retroviruses in multi-transgenic pigs generated for xenotransplantation. <i>Xenotransplantation</i> , 2009, 16, 64-73.	2.8	79
49	Filarial Infection or Antigen Administration Improves Glucose Tolerance in Diet-Induced Obese Mice. <i>Journal of Innate Immunity</i> , 2016, 8, 601-616.	3.8	78
50	Adenosine/A2B Receptor Signaling Ameliorates the Effects of Aging and Counteracts Obesity. <i>Cell Metabolism</i> , 2020, 32, 56-70.e7.	16.2	77
51	Loss of CNGB1 Protein Leads to Olfactory Dysfunction and Subciliary Cyclic Nucleotide-gated Channel Trapping. <i>Journal of Biological Chemistry</i> , 2006, 281, 35156-35166.	3.4	73
52	Profilin 1 is required for abscission during late cytokinesis of chondrocytes. <i>EMBO Journal</i> , 2009, 28, 1157-1169.	7.8	69
53	Lipolysis drives expression of the constitutively active receptor GPR3 to induce adipose thermogenesis. <i>Cell</i> , 2021, 184, 3502-3518.e33.	28.9	68
54	Regulated lentiviral NGF gene transfer controls rescue of medial septal cholinergic neurons. <i>Molecular Therapy</i> , 2005, 11, 916-925.	8.2	67

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55	The yeast Sup35 <sup>NM</sup> domain propagates as a prion in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 462-467.	7.1	65
56	Different MicroRNA Profiles in Chronic Epilepsy Versus Acute Seizure Mouse Models. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 466-479.	2.3	63
57	Enzymatic Activity of HPGD in Treg Cells Suppresses Tconv Cells to Maintain Adipose Tissue Homeostasis and Prevent Metabolic Dysfunction. <i>Immunity</i> , 2019, 50, 1232-1248.e14.	14.3	63
58	Cyclic GMP-dependent Protein Kinase Blocks Pertussis Toxin-sensitive Hormone Receptor Signaling Pathways in Chinese Hamster Ovary Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 9052-9059.	3.4	62
59	NRG4: An Endocrine Link between Brown Adipose Tissue and Liver. <i>Cell Metabolism</i> , 2015, 21, 13-14.	16.2	55
60	Regulation of brown and beige fat by microRNAs. , 2017, 170, 1-7.		54
61	Heterotrimeric G Protein Subunit G $\beta$ 1s a Master Switch for G $\beta$ 1 $\beta$ -Mediated Calcium Mobilization by Gi-Coupled GPCRs. <i>Molecular Cell</i> , 2020, 80, 940-954.e6.	9.7	54
62	Impaired relaxation of stomach smooth muscle in mice lacking cyclic GMP-dependent protein kinase I. <i>British Journal of Pharmacology</i> , 2000, 129, 395-401.	5.4	53
63	Apoptotic brown adipocytes enhance energy expenditure via extracellular inosine. <i>Nature</i> , 2022, 609, 361-368.	27.8	53
64	Metabolic role of dipeptidyl peptidase 4 (DPP4) in primary human (pre)adipocytes. <i>Scientific Reports</i> , 2016, 6, 23074.	3.3	51
65	Consequences of loss of PINCH2 expression in mice. <i>Journal of Cell Science</i> , 2005, 118, 5899-5910.	2.0	50
66	Lentiviral Transgenesis. <i>Methods in Molecular Biology</i> , 2009, 530, 391-405.	0.9	50
67	KIAA1797/FOCAD encodes a novel focal adhesion protein with tumour suppressor function in gliomas. <i>Brain</i> , 2012, 135, 1027-1041.	7.6	47
68	Vascular Repair by Circumferential Cell Therapy Using Magnetic Nanoparticles and Tailored Magnets. <i>ACS Nano</i> , 2016, 10, 369-376.	14.6	45
69	Improved heart repair upon myocardial infarction: Combination of magnetic nanoparticles and tailored magnets strongly increases engraftment of myocytes. <i>Biomaterials</i> , 2018, 155, 176-190.	11.4	45
70	Lentiviral Transgenesis - A Versatile Tool for Basic Research and Gene Therapy. <i>Current Gene Therapy</i> , 2006, 6, 535-542.	2.0	40
71	MicroRNAs in brown and beige fat. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 29-36.	2.4	40
72	Mouse models for extracellular matrix diseases. <i>Journal of Molecular Medicine</i> , 1998, 76, 238-252.	3.9	39

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73	The soluble guanylate cyclase stimulator riociguat reduces fibrogenesis and portal pressure in cirrhotic rats. <i>Scientific Reports</i> , 2018, 8, 9372.	3.3	39
74	Regulation of human brown adipose tissue by adenosine and A2A receptors – studies with [15O]H <sub>2</sub> O and [11C]TMSX PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 743-750.	6.4	37
75	A novel thermoregulatory role for PDE 10A in mouse and human adipocytes. <i>EMBO Molecular Medicine</i> , 2016, 8, 796-812.	6.9	34
76	Interplay between Obesity-Induced Inflammation and cGMP Signaling in White Adipose Tissue. <i>Cell Reports</i> , 2017, 18, 225-236.	6.4	33
77	HIF-1 $\pm$ Dependent Wound Healing Angiogenesis In Vivo Can Be Controlled by Site-Specific Lentiviral Magnetic Targeting of SHP-2. <i>Molecular Therapy</i> , 2017, 25, 1616-1627.	8.2	32
78	Cannabinoid Type 1 Receptors Are Upregulated During Acute Activation of Brown Adipose Tissue. <i>Diabetes</i> , 2018, 67, 1226-1236.	0.6	32
79	A VASP-Rac Soluble Guanylyl Cyclase Pathway Controls cGMP Production in Adipocytes. <i>Science Signaling</i> , 2012, 5, ra62.	3.6	31
80	Regulation of metabolism by cGMP. , 2013, 140, 81-91.		31
81	Combined inhibition of PI3K $\beta$ and PI3K $\delta$ reduces fat mass by enhancing $\beta$ -MSH dependent sympathetic drive. <i>Science Signaling</i> , 2014, 7, ra110.	3.6	31
82	Changes in serum miRNAs following generalized convulsive seizures in human mesial temporal lobe epilepsy. <i>Biochemical and Biophysical Research Communications</i> , 2016, 481, 13-18.	2.1	31
83	Overexpression of Cx43 in cells of the myocardial scar: Correction of post-infarct arrhythmias through heterotypic cell-cell coupling. <i>Scientific Reports</i> , 2018, 8, 7145.	3.3	31
84	Pharmacological potential of RNAi – Focus on miRNA. , 2010, 126, 217-227.		30
85	Brown Fat-Derived Exosomes: Small Vesicles with Big Impact. <i>Cell Metabolism</i> , 2017, 25, 759-760.	16.2	30
86	Targeted Endothelial Gene Delivery by Ultrasonic Destruction of Magnetic Microbubbles Carrying Lentiviral Vectors. <i>Pharmaceutical Research</i> , 2012, 29, 1282-1294.	3.5	29
87	Improvement of vascular function by magnetic nanoparticle-assisted circumferential gene transfer into the native endothelium. <i>Journal of Controlled Release</i> , 2016, 241, 164-173.	9.9	29
88	Germ-line transmission of lentiviral PGK-EGFP integrants in transgenic cattle: new perspectives for experimental embryology. <i>Transgenic Research</i> , 2010, 19, 549-556.	2.4	28
89	Fat tissues, the brite and the dark sides. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 1803-1807.	2.8	28
90	A 2A R $\alpha$ -induced transcriptional deregulation in astrocytes: An in vitro study. <i>Glia</i> , 2019, 67, 2329-2342.	4.9	28

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91	Partial Inhibition of Protein Synthesis by Pseudomonas Exotoxin A Deranges Catecholamine Sensitivity of Cultured Rat Heart Myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 1997, 29, 799-811.	1.9	26
92	Identification of Magnetic Nanoparticles for Combined Positioning and Lentiviral Transduction of Endothelial Cells. <i>Pharmaceutical Research</i> , 2012, 29, 1242-1254.	3.5	24
93	Role of cAMP and cGMP Signaling in Brown Fat. <i>Handbook of Experimental Pharmacology</i> , 2018, 251, 161-182.	1.8	24
94	The enhancement of HCN channel instantaneous current facilitated by slow deactivation is regulated by intracellular chloride concentration. <i>Pflügers Archiv European Journal of Physiology</i> , 2006, 452, 718-727.	2.8	23
95	Inactivation of the tyrosine phosphatase SHP-2 drives vascular dysfunction in Sepsis. <i>EBioMedicine</i> , 2019, 42, 120-132.	6.1	23
96	Optimization of Magnetic Nanoparticle-Assisted Lentiviral Gene Transfer. <i>Pharmaceutical Research</i> , 2012, 29, 1255-1269.	3.5	22
97	Brown Fat Develops a Brite Future. <i>Obesity Facts</i> , 2012, 5, 890-896.	3.4	21
98	A Molecular Mechanism for Therapeutic Effects of cGMP-elevating Agents in Pulmonary Arterial Hypertension. <i>Journal of Biological Chemistry</i> , 2013, 288, 16557-16566.	3.4	21
99	Cell-permeable high-affinity tracers for G <sub>q</sub> proteins provide structural insights, reveal distinct binding kinetics and identify small molecule inhibitors. <i>British Journal of Pharmacology</i> , 2020, 177, 1898-1916.	5.4	21
100	MicroRNA-mediated vascular intercellular communication is altered in chronic kidney disease. <i>Cardiovascular Research</i> , 2022, 118, 316-333.	3.8	21
101	cGMP and Brown Adipose Tissue. <i>Handbook of Experimental Pharmacology</i> , 2015, 233, 283-299.	1.8	20
102	Targeting of Magnetic Nanoparticle-coated Microbubbles to the Vascular Wall Empowers Site-specific Lentiviral Gene Delivery <i>in vivo</i> . <i>Theranostics</i> , 2017, 7, 295-307.	10.0	20
103	Tissue Clearing and Light Sheet Microscopy: Imaging the Unsectioned Adult Zebra Finch Brain at Cellular Resolution. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 13.	1.7	20
104	Phosphodiesterase 2A2 regulates mitochondria clearance through Parkin-dependent mitophagy. <i>Communications Biology</i> , 2020, 3, 596.	4.4	20
105	Direct lentivirus injection for fast and efficient gene transfer into brown and beige adipose tissue. <i>Journal of Biological Methods</i> , 2016, 3, e48.	0.6	20
106	Endochondral Ossification Is Dependent on the Mechanical Properties of Cartilage Tissue and on Intracellular Signals in Chondrocytes. <i>Annals of the New York Academy of Sciences</i> , 1998, 857, 74-85.	3.8	19
107	Divergent effects of a designer natriuretic peptide CD-NP in the regulation of adipose tissue and metabolism. <i>Molecular Metabolism</i> , 2017, 6, 276-287.	6.5	18
108	NO Augments Endothelial Reactivity by Reducing Myoendothelial Calcium Signal Spreading. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 2280-2290.	2.4	18

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109	Lentiviral Vector Mediated Thymidine Kinase Expression in Pluripotent Stem Cells Enables Removal of Tumorigenic Cells. PLoS ONE, 2013, 8, e70543.	2.5	17
110	Quantification of Lipoprotein Uptake <i>in Vivo</i> Using Magnetic Particle Imaging and Spectroscopy. ACS Nano, 2021, 15, 434-446.	14.6	16
111	Non-small cell lung cancer cell survival crucially depends on functional insulin receptors. Endocrine-Related Cancer, 2015, 22, 609-621.	3.1	15
112	Impact of obesity and aging on crestal alveolar bone height in mice. Annals of Anatomy, 2018, 218, 227-235.	1.9	15
113	cGMP-dependent protein kinase-2 regulates bone mass and prevents diabetic bone loss. Journal of Endocrinology, 2018, 238, 203-219.	2.6	15
114	The complexity of PDGFR signaling: regulation of adipose progenitor maintenance and adipocyte-myofibroblast transition. Stem Cell Investigation, 2017, 4, 28-28.	3.0	14
115	Evaluation of laser-assisted lentiviral transgenesis in bovine. Transgenic Research, 2006, 15, 447-454.	2.4	13
116	Differential expression of miR-184 in temporal lobe epilepsy patients with and without hippocampal sclerosis – Influence on microglial function. Scientific Reports, 2016, 6, 33943.	3.3	13
117	RGS2: A multifunctional signaling hub that balances brown adipose tissue function and differentiation. Molecular Metabolism, 2019, 30, 173-183.	6.5	13
118	Lentivirus Transgenesis. Methods in Enzymology, 2010, 477, 3-15.	1.0	11
119	Abrogation of Gap Junctional Communication in ES Cells Results in a Disruption of Primitive Endoderm Formation in Embryoid Bodies. Stem Cells, 2017, 35, 859-871.	3.2	11
120	Highly Efficient Genome Modification of Cultured Primordial Germ Cells with Lentiviral Vectors to Generate Transgenic Songbirds. Stem Cell Reports, 2021, 16, 784-796.	4.8	11
121	The Phosphatase SHP-2 Activates HIF-1 $\alpha$ in Wounds <i>In Vivo</i> by Inhibition of 26S Proteasome Activity. International Journal of Molecular Sciences, 2019, 20, 4404.	4.1	10
122	Lack of $\text{G}\beta$ 2 proteins in adipocytes attenuates diet-induced obesity. Molecular Metabolism, 2020, 40, 101029.	6.5	10
123	Protein kinase G1 regulates bone regeneration and rescues diabetic fracture healing. JCI Insight, 2020, 5, .	5.0	10
124	Cx43 Promotes Endothelial Cell Migration and Angiogenesis via the Tyrosine Phosphatase SHP-2. International Journal of Molecular Sciences, 2022, 23, 294.	4.1	10
125	A novel crosstalk between Alk7 and cGMP signaling differentially regulates brown adipocyte function. Molecular Metabolism, 2015, 4, 576-583.	6.5	9
126	TRPM4-mediated control of $\text{Fc}\gamma$ RI-evoked $\text{Ca}^{2+}$ elevation comprises enhanced plasmalemmal trafficking of TRPM4 channels in connective tissue type mast cells. Scientific Reports, 2016, 6, 32981.	3.3	9

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127	BAT Exosomes: Metabolic Crosstalk with Other Organs and Biomarkers for BAT Activity. Handbook of Experimental Pharmacology, 2018, 251, 337-346.	1.8	9
128	Local anti-angiogenic therapy by magnet-assisted downregulation of SHP2 phosphatase. Journal of Controlled Release, 2019, 305, 155-164.	9.9	9
129	Combination of phosphodiesterase inhibitors and beta blockers improves experimental portal hypertension and erectile dysfunction. Liver International, 2020, 40, 2228-2241.	3.9	9
130	Magnetic Nanoparticles for Biomedical Applications. Pharmaceutical Research, 2012, 29, 1161-1164.	3.5	8
131	Distinct CD11b+ monocyte subsets accelerate endothelial cell recovery after acute and chronic endothelial cell damage. International Journal of Cardiology, 2014, 173, 80-91.	1.7	8
132	Real-time monitoring of cAMP in brown adipocytes reveals differential compartmentation of $\beta^1$ and $\beta^3$ -adrenoceptor signalling. Molecular Metabolism, 2020, 37, 100986.	6.5	7
133	Analysis of cGMP Signaling in Adipocytes. Methods in Molecular Biology, 2013, 1020, 175-192.	0.9	6
134	cGMP and cAMP differentially regulate differentiation and function of brown adipocytes. BMC Pharmacology, 2011, 11, .	0.4	5
135	PDGF regulates guanylate cyclase expression and cGMP signaling in vascular smooth muscle. Communications Biology, 2022, 5, 197.	4.4	5
136	Role of cGMP in fat and metabolism. BMC Pharmacology & Toxicology, 2013, 14, .	2.4	3
137	Efficient and graded gene expression in glia and neurons of primary cerebellar cultures transduced by lentiviral vectors. Histochemistry and Cell Biology, 2015, 143, 109-121.	1.7	3
138	Cytohesin-3 is required for full insulin receptor signaling and controls body weight via lipid excretion. Scientific Reports, 2019, 9, 3442.	3.3	3
139	ncRNAs in Vascular and Valvular Intercellular Communication. Frontiers in Molecular Biosciences, 2021, 8, 749681.	3.5	3
140	cGMP manipulation in cardiometabolic disease. Current Opinion in Cardiology, 2019, 34, 376-383.	1.8	2
141	EBI2 is a negative modulator of brown adipose tissue energy expenditure in mice and human brown adipocytes. Communications Biology, 2022, 5, 280.	4.4	2
142	Role of Endothelial Cell Lipoprotein Lipase for Brown Adipose Tissue Lipid and Glucose Handling. Frontiers in Physiology, 2022, 13, 859671.	2.8	2
143	Influence of PKG on insulin signalling and GSK3 phosphorylation in SH-SY5Y cells. BMC Pharmacology & Toxicology, 2013, 14, .	2.4	1
144	Effects of obesity on sGC $\beta^1$ mediated signaling in white adipose tissue. BMC Pharmacology & Toxicology, 2015, 16, .	2.4	1

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145	Therapeutic potential of RNA interference in neurodegenerative diseases. <i>Future Neurology</i> , 2007, 2, 237-240.	0.5	0
146	The role of VASP in cGMP-mediated vascular smooth muscle relaxation. <i>BMC Pharmacology &amp; Toxicology</i> , 2013, 14, .	2.4	0
147	The soluble guanylyl cyclase stimulator BAY 41-2272 increases differentiation and function of brown adipocytes. <i>BMC Pharmacology &amp; Toxicology</i> , 2013, 14, .	2.4	0
148	Regulation of Brown Adipose Tissue and Beige Fat by the Adenosine A2B Receptor 8.5.5. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
149	Radially symmetric endothelial cell replacement and lentiviral targeting in vessels by the use of magnetic nanoparticles (MNPs). <i>FASEB Journal</i> , 2011, 25, 1127.1.	0.5	0