Robert Feil

List of Publications by Citations

142 papers	11,919 citations	65 h-index	108 g-index
153 ext. papers	13,324 ext. citations	8.7 avg, IF	5.81 L-index

#	Paper	IF	Citations
142	Regulation of Cre recombinase activity by mutated estrogen receptor ligand-binding domains. *Biochemical and Biophysical Research Communications*, **1997**, 237, 752-7	3.4	757
141	Ligand-activated site-specific recombination in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 10887-90	11.5	707
140	Absence epilepsy and sinus dysrhythmia in mice lacking the pacemaker channel HCN2. *EMBO Journal*, **2003**, 22, 216-24	13	389
139	The hyperpolarization-activated channel HCN4 is required for the generation of pacemaker action potentials in the embryonic heart. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 15235-40	11.5	357
138	Cerebellar ataxia and Purkinje cell dysfunction caused by Ca2+-activated K+ channel deficiency. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 9474-8	11.5	331
137	Function of cGMP-dependent protein kinases as revealed by gene deletion. *Physiological Reviews*, **2006**, 86, 1-23	47.9	327
136	Fumarates improve psoriasis and multiple sclerosis by inducing type II dendritic cells. *Journal of Experimental Medicine*, **2011**, 208, 2291-303	16.6	284
135	Transdifferentiation of vascular smooth muscle cells to macrophage-like cells during atherogenesis. *Circulation Research*, **2014**, 115, 662-7	15.7	283
134	Physiology and pathophysiology of vascular signaling controlled by guanosine 3ţ5ŧcyclic monophosphate-dependent protein kinase [corrected]. *Circulation*, **2003**, 108, 2172-83	16.7	267
133	TGF-□signaling mediates endothelial-to-mesenchymal transition (EndMT) during vein graft remodeling. *Science Translational Medicine*, **2014**, 6, 227ra34	17.5	241
132	Cyclic GMP-dependent protein kinases and the cardiovascular system: insights from genetically modified mice. *Circulation Research*, **2003**, 93, 907-16	15.7	239
131	Dominant role of smooth muscle L-type calcium channel Cav1.2 for blood pressure regulation. *EMBO Journal*, **2003**, 22, 6027-34	13	226
130	A stimulatory role for cGMP-dependent protein kinase in platelet activation. *Cell*, **2003**, 112, 77-86	56.2	221
129	Functional embryonic cardiomyocytes after disruption of the L-type alpha1C (Cav1.2) calcium channel gene in the mouse. *Journal of Biological Chemistry*, **2000**, 275, 39193-9	5.4	207
128	Elevated blood pressure linked to primary hyperaldosteronism and impaired vasodilation in BK channel-deficient mice. *Circulation*, **2005**, 112, 60-8	16.7	195
127	Microglia turnover with aging and in an Alzheimerŧs model via long-term in vivo single-cell imaging. *Nature Neuroscience*, **2017**, 20, 1371-1376	25.5	193
126	Platelet-derived HMGB1 is a critical mediator of thrombosis. *Journal of Clinical Investigation*, **2015**, 125, 4638-54	15.9	190

125	Impaired insulin secretion and glucose tolerance in beta cell-selective Ca(v)1.2 Ca2+ channel null mice. *EMBO Journal*, **2003**, 22, 3844-54	13	174
124	Regulation of cGMP-specific phosphodiesterase (PDE5) phosphorylation in smooth muscle cells. *Journal of Biological Chemistry*, **2002**, 277, 3310-7	5.4	167
123	Inducible Cre mice. *Methods in Molecular Biology*, **2009**, 530, 343-63	1.4	162
122	cGMP-dependent protein kinase I mediates the negative inotropic effect of cGMP in the murine myocardium. *Circulation Research*, **2002**, 90, 18-20	15.7	148
121	Interstitial cells of Cajal integrate excitatory and inhibitory neurotransmission with intestinal slow-wave activity. *Nature Communications*, **2013**, 4, 1630	17.4	144
120	Signaling through NO and cGMP-dependent protein kinases. *Annals of Medicine*, **2003**, 35, 21-7	1.5	144
119	Significance and therapeutic potential of the natriuretic peptides/cGMP/cGMP-dependent protein kinase pathway in vascular regeneration. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 3404-9	11.5	139
118	Direct activation of PDE5 by cGMP: long-term effects within NO/cGMP signaling. *Journal of Cell Biology*, **2003**, 160, 719-27	7.3	139
117	Myosin light chain kinase is central to smooth muscle contraction and required for gastrointestinal motility in mice. *Gastroenterology*, **2008**, 135, 610-20	13.3	132
116	Temporally controlled somatic mutagenesis in smooth muscle. *Genesis*, **2000**, 28, 15-22	1.9	132
115	NO/cGMP-dependent modulation of synaptic transmission. *Handbook of Experimental Pharmacology*, **2008**, 529-60	3.2	131
114	Sequential activation of p38 and ERK pathways by cGMP-dependent protein kinase leading to activation of the platelet integrin alphaIIb beta3. *Blood*, **2006**, 107, 965-72	2.2	128
113	Anemia and splenomegaly in cGKI-deficient mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 6771-6	11.5	125
112	cGMP signalling in the mammalian brain: role in synaptic plasticity and behaviour. *Handbook of Experimental Pharmacology*, **2009**, 549-79	3.2	122
111	Impairment of LTD and cerebellar learning by Purkinje cell-specific ablation of cGMP-dependent protein kinase I. *Journal of Cell Biology*, **2003**, 163, 295-302	7.3	122
110	SM22alpha modulates vascular smooth muscle cell phenotype during atherogenesis. *Circulation Research*, **2004**, 94, 863-5	15.7	113
109	Engineering the mouse genome by site-specific recombination. *Current Opinion in Biotechnology*, **1999**, 10, 470-6	11.4	103
108	Intercellular signaling via cyclic GMP diffusion through gap junctions restarts meiosis in mouse ovarian follicles. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 5527-32	11.5	99

107	IRAG is essential for relaxation of receptor-triggered smooth muscle contraction by cGMP kinase. *EMBO Journal*, **2004**, 23, 4222-31	13	99
106	cGMP-dependent protein kinase contributes to hydrogen sulfide-stimulated vasorelaxation. *PLoS ONE*, **2012**, 7, e53319	3.7	97
105	Functional reconstitution of vascular smooth muscle cells with cGMP-dependent protein kinase I isoforms. *Circulation Research*, **2002**, 90, 1080-6	15.7	96
104	Rescue of cGMP kinase I knockout mice by smooth muscle specific expression of either isozyme. *Circulation Research*, **2007**, 101, 1096-103	15.7	93
103	An essential role of Cav1.2 L-type calcium channel for urinary bladder function. *FASEB Journal*, **2004** , 18, 1159-61	0.9	93
102	cGMP-mediated signaling via cGKIalpha is required for the guidance and connectivity of sensory axons. *Journal of Cell Biology*, **2002**, 159, 489-98	7.3	93
101	LKB1 signaling in mesenchymal cells required for suppression of gastrointestinal polyposis. *Nature Genetics*, **2008**, 40, 455-9	36.3	88
100	Reduced inflammatory hyperalgesia with preservation of acute thermal nociception in mice lacking cGMP-dependent protein kinase I. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 3253-7	11.5	88
99	Ablation of connexin43 in uterine smooth muscle cells of the mouse causes delayed parturition. *Journal of Cell Science*, **2006**, 119, 1715-22	5.3	87
98	Purification and characterization of a novel thermostable 4-alpha-glucanotransferase of Thermotoga maritima cloned in Escherichia coli. *FEBS Journal*, **1992**, 207, 81-8		85
97	Tamoxifen-inducible gene deletion in the cardiac conduction system. *Journal of Molecular and Cellular Cardiology*, **2008**, 45, 62-9	5.8	84
96	Individual cerebellar Purkinje cells express different cGMP phosphodiesterases (PDEs): in vivo phosphorylation of cGMP-specific PDE (PDE5) as an indicator of cGMP-dependent protein kinase (PKG) activation. *Journal of Neuroscience*, **2003**, 23, 6452-9	6.6	82
95	Hippocampal cGMP-dependent protein kinase I supports an age- and protein synthesis-dependent component of long-term potentiation but is not essential for spatial reference and contextual memory. *Journal of Neuroscience*, **2003**, 23, 6005-12	6.6	80
94	GPIb-dependent platelet activation is dependent on Src kinases but not MAP kinase or cGMP-dependent kinase. *Blood*, **2004**, 103, 2601-9	2.2	79
93	Defining the molecular targets of cerebellar PKG by quantitative (phospho)proteomics in a knock-out mouse model. *BMC Pharmacology & Toxicology*, **2013**, 14,	2.6	78
92	Comparative analysis of established and new biosensors for cyclic nucleotides. *BMC Pharmacology & Toxicology*, **2015**, 16,	2.6	78
91	Real-time imaging of cGMP signals in platelets. *BMC Pharmacology & Toxicology*, **2015**, 16,	2.6	78
90	C-type natriuretic peptide is a bifurcation factor for sensory neurons. *BMC Pharmacology*, **2009**, 9,		78

89	A chimeric Cre recombinase inducible by synthetic,but not by natural ligands of the glucocorticoid receptor. *Nucleic Acids Research*, **1998**, 26, 4086-90	20.1	78
88	p8-deficient fibroblasts grow more rapidly and are more resistant to adriamycin-induced apoptosis. *Oncogene*, **2002**, 21, 1685-94	9.2	75
87	The receptor guanylyl cyclase Npr2 is essential for sensory axon bifurcation within the spinal cord. *Journal of Cell Biology*, **2007**, 179, 331-40	7.3	73
86	Presynaptically localized cyclic GMP-dependent protein kinase 1 is a key determinant of spinal synaptic potentiation and pain hypersensitivity. *PLoS Biology*, **2012**, 10, e1001283	9.7	71
85	Stress-dependent dilated cardiomyopathy in mice with cardiomyocyte-restricted inactivation of cyclic GMP-dependent protein kinase I. *European Heart Journal*, **2013**, 34, 1233-44	9.5	70
84	cGMP-dependent protein kinase type I inhibits TAB1-p38 mitogen-activated protein kinase apoptosis signaling in cardiac myocytes. *Journal of Biological Chemistry*, **2006**, 281, 32831-40	5.4	69
83	Function of cGMP-dependent protein kinases in the nervous system. *Reviews in the Neurosciences*, **2005**, 16, 23-41	4.7	68
82	cGMP-Prkg1 signaling and Pde5 inhibition shelter cochlear hair cells and hearing function. *Nature Medicine*, **2012**, 18, 252-9	50.5	67
81	cGMP-dependent protein kinase II modulates mPer1 and mPer2 gene induction and influences phase shifts of the circadian clock. *Current Biology*, **2003**, 13, 725-33	6.3	67
80	A proatherogenic role for cGMP-dependent protein kinase in vascular smooth muscle cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 13519-24	11.5	67
79	cGMP-dependent protein kinase mediates NO- but not acetylcholine-induced dilations in resistance vessels in vivo. *Hypertension*, **2004**, 44, 952-5	8.5	66
78	Regulate axon branching by the cyclic GMP pathway via inhibition of glycogen synthase kinase 3 in dorsal root ganglion sensory neurons. *Journal of Neuroscience*, **2009**, 29, 1350-60	6.6	61
77	Novel insights into the mechanisms mediating the local antihypertrophic effects of cardiac atrial natriuretic peptide: role of cGMP-dependent protein kinase and RGS2. *Basic Research in Cardiology*, **2010**, 105, 583-95	11.8	60
76	Distribution of cGMP-dependent protein kinase type I and its isoforms in the mouse brain and retina. *Neuroscience*, **2005**, 135, 863-8	3.9	58
75	Transgenic mice for cGMP imaging. *Circulation Research*, **2013**, 113, 365-71	15.7	55
74	Conditional somatic mutagenesis in the mouse using site-specific recombinases. *Handbook of Experimental Pharmacology*, **2007**, 3-28	3.2	55
73	Insights into cGMP signalling derived from cGMP kinase knockout mice. *Frontiers in Bioscience - Landmark*, **2005**, 10, 1279-89	2.8	54
72	HCN3 contributes to the ventricular action potential waveform in the murine heart. *Circulation Research*, **2011**, 109, 1015-23	15.7	52

71	Mdm2, but not Mdm4, protects terminally differentiated smooth muscle cells from p53-mediated caspase-3-independent cell death. *Cell Death and Differentiation*, **2006**, 13, 2089-98	12.7	51
70	Sildenafil Potentiates a cGMP-Dependent Pathway to Promote Melanoma Growth. *Cell Reports*, **2016**, 14, 2599-610	10.6	49
69	cGMP-dependent protein kinase type I is implicated in the regulation of the timing and quality of sleep and wakefulness. *PLoS ONE*, **2009**, 4, e4238	3.7	45
68	IRAG determines nitric oxide- and atrial natriuretic peptide-mediated smooth muscle relaxation. *Cardiovascular Research*, **2010**, 86, 496-505	9.9	43
67	Control of intestinal motility by the Ca(v)1.2 L-type calcium channel in mice. *FASEB Journal*, **2006**, 20, 1260-2	0.9	41
66	A heretical view on the role of NO and cGMP in vascular proliferative diseases. *Trends in Molecular Medicine*, **2005**, 11, 71-5	11.5	41
65	A cardiac pathway of cyclic GMP-independent signaling of guanylyl cyclase A, the receptor for atrial natriuretic peptide. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 18500-5	11.5	40
64	Chronic linaclotide treatment reduces colitis-induced neuroplasticity and reverses persistent bladder dysfunction. *JCI Insight*, **2018**, 3,	9.9	38
63	Inducible mouse model of chronic intestinal pseudo-obstruction by smooth muscle-specific inactivation of the SRF gene. *Gastroenterology*, **2007**, 133, 1960-70	13.3	37
62	The commonly used cGMP-dependent protein kinase type I (cGKI) inhibitor Rp-8-Br-PET-cGMPS can activate cGKI in vitro and in intact cells. *Journal of Biological Chemistry*, **2009**, 284, 556-562	5.4	35
61	Atrial natriuretic peptide-mediated inhibition of microcirculatory endothelial Ca2+ and permeability response to histamine involves cGMP-dependent protein kinase I and TRPC6 channels. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 2121-9	9.4	34
60	Inactivation of serum response factor contributes to decrease vascular muscular tone and arterial stiffness in mice. *Circulation Research*, **2013**, 112, 1035-45	15.7	33
59	Genetic ablation of cGMP-dependent protein kinase type I causes liver inflammation and fasting hyperglycemia. *Diabetes*, **2011**, 60, 1566-76	0.9	33
58	Severe intestinal obstruction on induced smooth muscle-specific ablation of the transcription factor SRF in adult mice. *Gastroenterology*, **2007**, 133, 1948-59	13.3	33
57	Partial loss of contractile marker proteins in human testicular peritubular cells in infertility patients. *Andrology*, **2013**, 1, 318-24	4.2	32
56	The tumor suppressor p53 transcriptionally regulates cGKI expression during neuronal maturation and is required for cGMP-dependent growth cone collapse. *Journal of Neuroscience*, **2009**, 29, 15155-60	6.6	29
55	Role of smooth muscle cGMP/cGKI signaling in murine vascular restenosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 1244-50	9.4	29
54	Functional cGMP-dependent protein kinase is phosphorylated in its catalytic domain at threonine-516. *Biochemistry*, **1995**, 34, 13152-8	3.2	29

53	Cre/lox-assisted non-invasive in vivo tracking of specific cell populations by positron emission tomography. *Nature Communications*, **2017**, 8, 444	17.4	28
52	The small GTPase Rac1 is required for smooth muscle contraction. *Journal of Physiology*, **2014**, 592, 915-26	5.9	26
51	Visualization of cGMP with cGi biosensors. *Methods in Molecular Biology*, **2013**, 1020, 89-120	1.4	26
50	Role of smooth muscle protein SM22□n glomerular epithelial cell injury. *American Journal of Physiology - Renal Physiology*, **2011**, 300, F1026-42	4.3	26
49	H□□lowers the cytosolic Ca□+ concentration via activation of cGMP-dependent protein kinase I□ *Free Radical Biology and Medicine*, **2012**, 53, 1574-83	7.8	25
48	A sensitive method for determining the phosphorylation status of natriuretic peptide receptors: cGK-Ialpha does not regulate NPR-A. *Biochemistry*, **2006**, 45, 1295-303	3.2	24
47	The cGMP/protein kinase G pathway contributes to dihydropyridine-sensitive calcium response and cytokine production in TH2 lymphocytes. *Journal of Biological Chemistry*, **2006**, 281, 12421-7	5.4	22
46	cGMP Signaling and Vascular Smooth Muscle Cell Plasticity. *Journal of Cardiovascular Development and Disease*, **2018**, 5,	4.2	21
45	Autonomous functions of murine thyroid hormone receptor TR□and TR□in cochlear hair cells. *Molecular and Cellular Endocrinology*, **2014**, 382, 26-37	4.4	20
44	cGMP-dependent protein kinase I is crucial for angiogenesis and postnatal vasculogenesis. *PLoS ONE*, **2009**, 4, e4879	3.7	19
43	Dephosphorylation of the NPR2 guanylyl cyclase contributes to inhibition of bone growth by fibroblast growth factor. *ELife*, **2017**, 6,	8.9	19
42	NO-Sensitive Guanylate Cyclase Isoforms NO-GC1 and NO-GC2 Contribute to Noise-Induced Inner Hair Cell Synaptopathy. *Molecular Pharmacology*, **2017**, 92, 375-388	4.3	18
41	Correlative intravital imaging of cGMP signals and vasodilation in mice. *Frontiers in Physiology*, **2014** , 5, 394	4.6	18
40	cGMP-dependent protein kinase I, the circadian clock, sleep and learning. *Communicative and Integrative Biology*, **2009**, 2, 298-301	1.7	18
39	Cyclic guanosine monophosphate-dependent protein kinase I promotes adhesion of primary vascular smooth muscle cells. *Molecular Biology of the Cell*, **2008**, 19, 4434-41	3.5	17
38	High-level expression of functional cGMP-dependent protein kinase using the baculovirus system. *FEBS Letters*, **1993**, 336, 163-7	3.8	17
37	A shear-dependent NO-cGMP-cGKI cascade in platelets acts as an auto-regulatory brake of thrombosis. *Nature Communications*, **2018**, 9, 4301	17.4	16
36	Dorsal root ganglion axon bifurcation tolerates increased cyclic GMP levels: the role of phosphodiesterase 2A and scavenger receptor Npr3. *European Journal of Neuroscience*, **2016**, 44, 2991-3000	3.5	15

35	Oxidant sensor in the cGMP-binding pocket of PKGI regulates nitroxyl-mediated kinase activity. *Scientific Reports*, **2017**, 7, 9938	4.9	15
34	1-integrin is essential for vasoregulation and smooth muscle survival in vivo. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 2325-35	9.4	15
33	Ablation of connexin43 in smooth muscle cells of the mouse intestine: functional insights into physiology and morphology. *Cell and Tissue Research*, **2007**, 327, 333-42	4.2	15
32	cGMP-dependent protein kinase I (cGKI) modulates human hepatic stellate cell activation. *Metabolism: Clinical and Experimental*, **2018**, 88, 22-30	12.7	14
31	The Absence of Sensory Axon Bifurcation Affects Nociception and Termination Fields of Afferents in the Spinal Cord. *Frontiers in Molecular Neuroscience*, **2018**, 11, 19	6.1	11
30	Alterations in the cerebellar (Phospho)proteome of a cyclic guanosine monophosphate (cGMP)-dependent protein kinase knockout mouse. *Molecular and Cellular Proteomics*, **2014**, 13, 2004-16	7.6	11
29	Selective involvement of serum response factor in pressure-induced myogenic tone in resistance arteries. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 339-46	9.4	11
28	Genetic inducible fate mapping in adult mice using tamoxifen-dependent Cre recombinases. *Methods in Molecular Biology*, **2014**, 1194, 113-39	1.4	11
27	GC-B Deficient Mice With Axon Bifurcation Loss Exhibit Compromised Auditory Processing. *Frontiers in Neural Circuits*, **2018**, 12, 65	3.5	11
26	Heterotrimeric G Stimulatory Protein Subunit Is Required for Intestinal Smooth Muscle Contraction in Mice. *Gastroenterology*, **2017**, 152, 1114-1125.e5	13.3	10
25	Endless: a purine-binding RNA motif that can be expressed in cells. *Angewandte Chemie - International Edition*, **2014**, 53, 9198-202	16.4	10
24	Altered nitric oxide calcium responsiveness of aortic smooth muscle cells in spontaneously hypertensive rats depends on low expression of cyclic guanosine monophosphate-dependent protein kinase type I. *Journal of Hypertension*, **2009**, 27, 1258-67	1.9	7
23	Regulation of the Natriuretic Peptide Receptor 2 (Npr2) by Phosphorylation of Juxtamembrane Serine and Threonine Residues Is Essential for Bifurcation of Sensory Axons. *Journal of Neuroscience*, **2018**, 38, 9768-9780	6.6	7
22	Npom-Protected NONOate Enables Light-Triggered NO/cGMP Signalling in Primary Vascular Smooth Muscle Cells. *ChemBioChem*, **2018**, 19, 1312-1318	3.8	6
21	Amplified pathogenic actions of angiotensin II in cysteine-rich LIM-only protein 4-negative mouse hearts. *FASEB Journal*, **2017**, 31, 1620-1638	0.9	5
20	Guanylyl Cyclase A/cGMP Signaling Slows Hidden, Age- and Acoustic Trauma-Induced Hearing Loss. *Frontiers in Aging Neuroscience*, **2020**, 12, 83	5.3	5
19	cGMP Imaging in Brain Slices Reveals Brain Region-Specific Activity of NO-Sensitive Guanylyl Cyclases (NO-GCs) and NO-GC Stimulators. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	5
18	cGMP-dependent protein kinase I in vascular smooth muscle cells improves ischemic stroke outcome in mice. *Journal of Cerebral Blood Flow and Metabolism*, **2019**, 39, 2379-2391	7.3	4

17	Upon the photostability of 8-nitro-cGMP and its caging as a 7-dimethylaminocoumarinyl ester. *Chemical Communications*, **2014**, 50, 7120-3	5.8	4
16	Catalytic activity of cGMP-dependent protein kinase type I in intact cells is independent of N-terminal autophosphorylation. *PLoS ONE*, **2014**, 9, e98946	3.7	4
15	Endless: A Purine-Binding RNA Motif that Can Be Expressed in Cells. *Angewandte Chemie*, **2014**, 126, 9352-9356	3.6	4
14	Restoring nitric oxide cytosolic calcium regulation by cyclic guanosine monophosphate protein kinase I alpha transfection in coronary endothelial cells of spontaneously hypertensive rats. *Journal of Vascular Research*, **2012**, 49, 221-30	1.9	4
13	The C5a/C5a receptor 1 axis controls tissue neovascularization through CXCL4 release from platelets. *Nature Communications*, **2021**, 12, 3352	17.4	4
12	Viagra releases the brakes on melanoma growth. *Molecular and Cellular Oncology*, **2017**, 4, e1188874	1.2	3
11	Real-Time Imaging Reveals Augmentation of Glutamate-Induced Ca Transients by the NO-cGMP Pathway in Cerebellar Granule Neurons. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	3
10	Upregulation of non-□cell-derived vascular endothelial growth factor A increases small clusters of insulin-producing cells in the pancreas. *Experimental and Clinical Endocrinology and Diabetes*, **2014**, 122, 308-15	2.3	3
9	Olinciguat, a stimulator of soluble guanylyl cyclase, attenuates inflammation, vaso-occlusion and nephropathy in mouse models of sickle cell disease. *British Journal of Pharmacology*, **2021**, 178, 3463-3475	8.6	3
8	Novel soluble guanylyl cyclase activators increase glomerular cGMP, induce vasodilation and improve blood flow in the murine kidney. *British Journal of Pharmacology*, **2021**,	8.6	3
7	cGMP Signaling in Platelets. *Cardiac and Vascular Biology*, **2017**, 231-252	0.2	2
6	Visualising and understanding cGMP signals in the cardiovascular system. *British Journal of Pharmacology*, **2021**,	8.6	2
5	Apolipoprotein E derived from CD11c cells ameliorates atherosclerosis.. *IScience*, **2022**, 25, 103677	6.1	1
4	Amelanotic B16-F10 Melanoma Compatible with Advanced Three-Dimensional Imaging Modalities. *Journal of Investigative Dermatology*, **2021**, 141, 2090-2094.e6	4.3	1
3	Alternative splicing of cGMP-dependent protein kinase I and nitrate tolerance. *Circulation Research*, **2003**, 93, e143	15.7	0
2	Effects of cGMP-Dependent Protein Kinase Knockouts **2003**, 511-514		
1	Analysis of Gene Expression Using lacZ Reporter Mouse Lines. *Methods in Molecular Biology*, **2021**, 2224, 29-45	1.4	