

# Tsutomu Nakahara

## List of Publications by Year in descending order

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135  
papers

2,703  
citations

218677

26  
h-index

233421

45  
g-index

140  
all docs

140  
docs citations

140  
times ranked

3152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid vascular regrowth in tumors after reversal of VEGF inhibition. <i>Journal of Clinical Investigation</i> , 2006, 116, 2610-2621.	8.2	709
2	Stimulation of prostanoid IP and EP2 receptors dilates retinal arterioles and increases retinal and choroidal blood flow in rats. <i>European Journal of Pharmacology</i> , 2007, 570, 135-141.	3.5	60
3	Structural and functional changes in retinal vasculature induced by retinal ischemia-reperfusion in rats. <i>Experimental Eye Research</i> , 2015, 135, 134-145.	2.6	53
4	Attenuation of nitric oxide- and prostaglandin-independent vasodilation of retinal arterioles induced by acetylcholine in streptozotocin-treated rats. <i>Vascular Pharmacology</i> , 2007, 46, 153-159.	2.1	52
5	Pharmacological evidence for the presence of functional $\beta_2$ -adrenoceptors in rat retinal blood vessels. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010, 382, 119-126.	3.0	50
6	Neurovascular Interactions in the Retina: Physiological and Pathological Roles. <i>Journal of Pharmacological Sciences</i> , 2013, 123, 79-84.	2.5	43
7	YAP mediates compensatory cardiac hypertrophy through aerobic glycolysis in response to pressure overload. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	43
8	Retinal blood vessels are damaged in a rat model of NMDA-induced retinal degeneration. <i>Neuroscience Letters</i> , 2010, 485, 55-59.	2.1	42
9	Anti-angiogenic Effects of Mammalian Target of Rapamycin Inhibitors in a Mouse Model of Oxygen-Induced Retinopathy. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 1838-1842.	1.4	42
10	Hydrogen sulfide attenuates NMDA-induced neuronal injury via its anti-oxidative activity in the rat retina. <i>Experimental Eye Research</i> , 2014, 120, 90-96.	2.6	41
11	Histological protection by cilnidipine, a dual L/N-type $Ca^{2+}$ channel blocker, against neurotoxicity induced by ischemia-reperfusion in rat retina. <i>Experimental Eye Research</i> , 2009, 88, 974-982.	2.6	39
12	Iron-chelating agents attenuate NMDA-Induced neuronal injury via reduction of oxidative stress in the rat retina. <i>Experimental Eye Research</i> , 2018, 171, 30-36.	2.6	33
13	Nitric oxide dilates rat retinal blood vessels by cyclooxygenase-dependent mechanisms. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R968-R977.	1.8	31
14	Hyperglycemia Accelerates Impairment of Vasodilator Responses to Acetylcholine of Retinal Blood Vessels in Rats. <i>Journal of Pharmacological Sciences</i> , 2009, 110, 160-168.	2.5	31
15	Activation of the TRPV1 channel attenuates N-methyl-d-aspartic acid-induced neuronal injury in the rat retina. <i>European Journal of Pharmacology</i> , 2014, 733, 13-22.	3.5	31
16	Protective effects of TGF- $\beta_2$ inhibitors in a rat model of NMDA-induced retinal degeneration. <i>European Journal of Pharmacology</i> , 2013, 699, 188-193.	3.5	30
17	P2X7 receptor antagonists protect against N-methyl-d-aspartic acid-induced neuronal injury in the rat retina. <i>European Journal of Pharmacology</i> , 2015, 756, 52-58.	3.5	30
18	Mammalian Target of Rapamycin (mTOR) as a Potential Therapeutic Target in Pathological Ocular Angiogenesis. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 2045-2049.	1.4	29

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19	Anti-cataract Effect of Resveratrol in High-Glucose-Treated Streptozotocin-Induced Diabetic Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1586-1592.	1.4	29
20	Y-27632 potentiates relaxant effects of $\hat{1}2$ -adrenoceptor agonists in bovine tracheal smooth muscle. <i>European Journal of Pharmacology</i> , 2000, 389, 103-106.	3.5	28
21	Involvement of the $\hat{1}2\hat{1}3$ subunits of G proteins in the cAMP response induced by stimulation of the histamine H1 receptor. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2005, 372, 153-159.	3.0	28
22	Vasodilator Effects of Fasudil, a Rho-Kinase Inhibitor, on Retinal Arterioles in Stroke-Prone Spontaneously Hypertensive Rats. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2007, 23, 207-212.	1.4	28
23	Late preconditioning in rat retina: involvement of adenosine and ATP-sensitive K <sup>+</sup> channel. <i>European Journal of Pharmacology</i> , 2001, 418, 89-93.	3.5	27
24	Vasodilator Effects of Adrenomedullin on Retinal Arterioles in Streptozotocin-Induced Diabetic Rats. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2006, 22, 317-322.	1.4	27
25	Histological Protection by Donepezil Against Neurodegeneration Induced by Ischemia-Reperfusion in the Rat Retina. <i>Journal of Pharmacological Sciences</i> , 2010, 112, 327-335.	2.5	27
26	The prostanoid EP2 receptor agonist ONO-AE1-259-01 protects against glutamate-induced neurotoxicity in rat retina. <i>European Journal of Pharmacology</i> , 2009, 616, 64-67.	3.5	26
27	Protective effect of all-trans retinoic acid on NMDA-induced neuronal cell death in rat retina. <i>European Journal of Pharmacology</i> , 2010, 635, 56-61.	3.5	26
28	Vasodilation of retinal arterioles induced by activation of BKCa channels is attenuated in diabetic rats. <i>European Journal of Pharmacology</i> , 2011, 669, 94-99.	3.5	25
29	Role of calcium-activated potassium channels in acetylcholine-induced vasodilation of rat retinal arterioles in vivo. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 383, 27-34.	3.0	25
30	$\hat{1}2$ -Adrenoceptor-mediated vasodilation of retinal blood vessels is reduced in streptozotocin-induced diabetic rats. <i>Vascular Pharmacology</i> , 2008, 49, 77-83.	2.1	24
31	Role of $\hat{1}23$ -adrenoceptors in regulation of retinal vascular tone in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 384, 603-608.	3.0	24
32	Activation inhibitors of nuclear factor kappa B protect neurons against the NMDA-induced damage in the rat retina. <i>Journal of Pharmacological Sciences</i> , 2017, 135, 72-80.	2.5	24
33	Vasodilator effect of nicorandil on retinal blood vessels in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007, 375, 323-328.	3.0	23
34	Vasodilator effects of adenosine on retinal arterioles in streptozotocin-induced diabetic rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008, 376, 423-430.	3.0	23
35	GP-1447, an Inhibitor of Aldose Reductase, Prevents the Progression of Diabetic Cataract in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 866-872.	1.4	22
36	Inhibitory mechanism of BRL37344 on muscarinic receptor-mediated contractions of the rat urinary bladder smooth muscle. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2002, 366, 198-203.	3.0	21

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37	Apelin-36 is protective against N-methyl-D-aspartic-acid-induced retinal ganglion cell death in the mice. <i>European Journal of Pharmacology</i> , 2016, 791, 213-220.	3.5	21
38	Intravenously Administered Vasodilatory Prostaglandins Increase Retinal and Choroidal Blood Flow in Rats. <i>Journal of Pharmacological Sciences</i> , 2007, 103, 103-112.	2.5	20
39	Rapamycin prevents N-methyl-D-aspartate-induced retinal damage through an ERK-dependent mechanism in rats. <i>Journal of Neuroscience Research</i> , 2014, 92, 692-702.	2.9	20
40	Protective effects of the $\beta_3$ -adrenoceptor agonist CL316243 against N-methyl-D-aspartate-induced retinal neurotoxicity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 1077-1081.	3.0	19
41	Protease-activated receptor-2-mediated contraction in the rat urinary bladder: the role of urinary bladder mucosa. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 211-213.	3.0	18
42	Augmentation of rat urinary bladder relaxation mediated by $\beta_1$ -adrenoceptors in experimental diabetes. <i>European Journal of Pharmacology</i> , 2003, 467, 191-195.	3.5	18
43	Effects of mTOR inhibition on normal retinal vascular development in the mouse. <i>Experimental Eye Research</i> , 2014, 129, 127-134.	2.6	18
44	Effects of pre- and post-natal treatment with KRN633, an inhibitor of vascular endothelial growth factor receptor tyrosine kinase, on retinal vascular development and patterning in mice. <i>Experimental Eye Research</i> , 2014, 120, 127-137.	2.6	18
45	L-Citrulline dilates rat retinal arterioles via nitric oxide- and prostaglandin-dependent pathways in vivo. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 419-423.	2.5	18
46	Possible involvement of Ca <sup>2+</sup> -independent phospholipase A2 in protease-activated receptor-2-mediated contraction of rat urinary bladder. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 588-591.	3.0	17
47	BMS-191011, an Opener of Large-Conductance Ca <sup>2+</sup> -Activated Potassium Channels, Dilates Rat Retinal Arterioles in Vivo. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 150-152.	1.4	17
48	High-mobility group Box-1 is involved in NMDA-induced retinal injury the in rat retina. <i>Experimental Eye Research</i> , 2015, 137, 63-70.	2.6	17
49	Protease-activated receptor-2-mediated contraction of urinary bladder is enhanced in cyclophosphamide-treated rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004, 369, 212-219.	3.0	16
50	Role of Vascular Endothelial Growth Factor in Maintenance of Pregnancy in Mice. <i>Endocrinology</i> , 2013, 154, 900-910.	2.8	16
51	Involvement of prostaglandin I <sub>2</sub> in nitric oxide-induced vasodilation of retinal arterioles in rats. <i>European Journal of Pharmacology</i> , 2015, 764, 249-255.	3.5	16
52	Short-term treatment with VEGF receptor inhibitors induces retinopathy of prematurity-like abnormal vascular growth in neonatal rats. <i>Experimental Eye Research</i> , 2016, 143, 120-131.	2.6	16
53	Effect of Nafamostat on N-Methyl-D-aspartate-Induced Retinal Neuronal and Capillary Degeneration in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 2209-2213.	1.4	15
54	A delay in vascularization induces abnormal astrocyte proliferation and migration in the mouse retina. <i>Developmental Dynamics</i> , 2017, 246, 186-200.	1.8	15

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55	Metformin Protects against NMDA-Induced Retinal Injury through the MEK/ERK Signaling Pathway in Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4439.	4.1	15
56	Intravenously administered phosphodiesterase 4 inhibitors dilate retinal blood vessels in rats. <i>European Journal of Pharmacology</i> , 2009, 602, 112-116.	3.5	14
57	Effects of KRN633, an Inhibitor of Vascular Endothelial Growth Factor Receptor-2 Tyrosine Kinase, on Vascular Development of Placenta and Fetus of Mid Pregnancy in Mice. <i>Journal of Pharmacological Sciences</i> , 2010, 112, 290-298.	2.5	14
58	Noradrenaline contracts rat retinal arterioles via stimulation of $\alpha_1A$ - and $\alpha_1D$ -adrenoceptors. <i>European Journal of Pharmacology</i> , 2011, 673, 65-69.	3.5	14
59	ISO-1, a macrophage migration inhibitory factor antagonist, prevents N-methyl-d-aspartate-induced retinal damage. <i>European Journal of Pharmacology</i> , 2013, 718, 138-144.	3.5	14
60	Preventive Effects of Rapamycin on Inflammation and Capillary Degeneration in a Rat Model of NMDA-Induced Retinal Injury. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 321-324.	1.4	14
61	Role of cyclooxygenase in vasodilation of retinal blood vessels induced by bradykinin in Brown Norway rats. <i>Vascular Pharmacology</i> , 2009, 51, 119-124.	2.1	13
62	Protective Effects of Everolimus against $\alpha$ -Methyl-D-aspartic Acid-Induced Retinal Damage in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 1765-1771.	1.4	13
63	Regression of retinal capillaries following $\alpha$ -methyl-D-aspartate-induced neurotoxicity in the neonatal rat retina. <i>Journal of Neuroscience Research</i> , 2015, 93, 380-390.	2.9	13
64	GY4137, an Extended-Release Hydrogen Sulfide Donor, Reduces NMDA-Induced Neuronal Injury in the Murine Retina. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 657-660.	1.4	13
65	A Novel High Resolution In Vivo Digital Imaging System for the Evaluation of Experimental Cataract in Diabetic Rats. <i>Journal of Pharmacological Sciences</i> , 2008, 106, 144-151.	2.5	12
66	Opioid receptor activation is involved in neuroprotection induced by TRPV1 channel activation against excitotoxicity in the rat retina. <i>European Journal of Pharmacology</i> , 2017, 812, 57-63.	3.5	12
67	Involvement of K <sup>+</sup> channel in procainamide-induced relaxation of bovine tracheal smooth muscle. <i>European Journal of Pharmacology</i> , 2000, 402, 143-149.	3.5	11
68	The role of cholinesterases in rat urinary bladder contractility. <i>Urological Research</i> , 2003, 31, 223-226.	1.5	11
69	Age-Dependent Changes in the Severity of Capillary Degeneration in Rat Retina Following $\alpha$ -Methyl-D-Aspartate-Induced Neurotoxicity. <i>Current Eye Research</i> , 2015, 40, 549-553.	1.5	11
70	Anti-angiogenic effects of valproic acid in a mouse model of oxygen-induced retinopathy. <i>Journal of Pharmacological Sciences</i> , 2018, 138, 203-208.	2.5	11
71	MaxiK channel-triggered negative feedback system is preserved in the urinary bladder smooth muscle from streptozotocin-induced diabetic rats. <i>Journal of Smooth Muscle Research</i> , 2004, 40, 97-109.	1.2	11
72	Lidocaine potentiates the relaxant effects of cAMP-elevating agents in bovine tracheal smooth muscle. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2000, 361, 605-609.	3.0	10

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73	Expression of multidrug resistance protein 4 and 5 in the porcine coronary and pulmonary arteries. <i>European Journal of Pharmacology</i> , 2003, 466, 223-224.	3.5	10
74	Resveratrol prevents bradykinin-induced contraction of rat urinary bladders by decreasing prostaglandin production and calcium influx. <i>European Journal of Pharmacology</i> , 2011, 666, 189-195.	3.5	10
75	Stimulation of $\mu$ -opioid receptors dilates retinal arterioles by neuronal nitric oxide synthase-derived nitric oxide in rats. <i>European Journal of Pharmacology</i> , 2017, 803, 124-129.	3.5	10
76	Establishment of an abnormal vascular patterning model in the mouse retina. <i>Journal of Pharmacological Sciences</i> , 2018, 136, 177-188.	2.5	10
77	Differential effects of LY294002 and wortmannin on neurons and vascular endothelial cells in the rat retina. <i>Pharmacological Reports</i> , 2013, 65, 854-862.	3.3	9
78	4-Hydroxy-2-nonenal attenuates $\alpha$ 2-adrenoceptor-mediated vasodilation of rat retinal arterioles. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 575-582.	3.0	9
79	Role of transient receptor potential vanilloid subtype 4 in the regulation of azoymethane/dextran sulphate sodium-induced colitis-associated cancer in mice. <i>European Journal of Pharmacology</i> , 2020, 867, 172853.	3.5	9
80	Relaxation and potentiation of cGMP-mediated response by ibudilast in bovine tracheal smooth muscle. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2002, 366, 262-269.	3.0	8
81	Role of capsaicin-sensitive sensory nerves in protease-activated receptor-2-mediated contraction of rat urinary bladder. <i>European Journal of Pharmacology</i> , 2007, 569, 145-148.	3.5	8
82	Hyperglycemia Impairs Acetylcholine-Induced Vasodilation of Retinal Arterioles Through Polyol Pathway-Independent Mechanisms in Rats. <i>Journal of Pharmacological Sciences</i> , 2010, 112, 336-342.	2.5	8
83	Anti-diabetic drug metformin dilates retinal blood vessels through activation of AMP-activated protein kinase in rats. <i>European Journal of Pharmacology</i> , 2017, 798, 66-71.	3.5	8
84	l-Citrulline ameliorates cerebral blood flow during cortical spreading depression in rats: Involvement of nitric oxide- and prostanoids-mediated pathway. <i>Journal of Pharmacological Sciences</i> , 2017, 133, 146-155.	2.5	8
85	Retinal neuronal cell loss prevents abnormal retinal vascular growth in a rat model of retinopathy of prematurity. <i>Experimental Eye Research</i> , 2018, 168, 115-127.	2.6	8
86	Role of Neuron-Glia Signaling in Regulation of Retinal Vascular Tone in Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1952.	4.1	8
87	Relaxant effect of YM976, a novel phosphodiesterase 4 inhibitor, on bovine tracheal smooth muscle. <i>European Journal of Pharmacology</i> , 2003, 470, 57-64.	3.5	7
88	Impaired retinal vasodilator response to acetylcholine in a rat model of NMDA-induced retinal degeneration. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 211-216.	2.5	7
89	Exposure to high-concentration oxygen in the neonatal period induces abnormal retinal vascular patterning in mice. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2016, 107, 216-224.	1.4	7
90	Stimulation of $\alpha$ 1- and $\alpha$ 2-adrenoceptors dilates retinal blood vessels in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 527-533.	3.0	7

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91	Cellular Mechanisms of Angiogenesis in Neonatal Rat Models of Retinal Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4759.	4.1	7
92	Evidence for the possible involvement of Ca <sup>2+</sup> entry blockade in the relaxation by class I antiarrhythmic drugs in the isolated pig coronary smooth muscle. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2002, 365, 56-66.	3.0	6
93	Role of the M2 muscarinic receptor pathway in lidocaine-induced potentiation of the relaxant response to atrial natriuretic peptide in bovine tracheal smooth muscle. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 76-79.	3.0	6
94	Lidocaine attenuates muscarinic receptor-mediated inhibition of adenylyl cyclase in airway smooth muscle. <i>European Journal of Pharmacology</i> , 2003, 470, 65-71.	3.5	6
95	Treatment of Midâ€Pregnant Mice with KRN633, an Inhibitor of Vascular Endothelial Growth Factor Receptor Tyrosine Kinase, Induces Abnormal Retinal Vascular Patterning in Their Newborn Pups. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2014, 101, 293-299.	1.4	6
96	Treatment of Newborn Mice with Inhibitors of Vascular Endothelial Growth Factor Receptor Tyrosine Kinase Induces Abnormal Retinal Vascular Patterning. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 1986-1989.	1.4	6
97	Effect of Long-Term Treatment of L-Ornithine on Visual Function and Retinal Histology in the Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 139-143.	1.4	6
98	The process of revascularization in the neonatal mouse retina following short-term blockade of vascular endothelial growth factor receptors. <i>Cell and Tissue Research</i> , 2020, 382, 529-549.	2.9	6
99	Possible involvement of endothelium-derived hyperpolarizing factor (EDHF) in the depressor responses to platelet activating factor (PAF) in rats. <i>British Journal of Pharmacology</i> , 2000, 131, 1113-1120.	5.4	5
100	Role of K <sup>+</sup> channels in N-acetylprocainamide-induced relaxation of bovine tracheal smooth muscle. <i>European Journal of Pharmacology</i> , 2001, 415, 73-78.	3.5	5
101	Influence of Receptor Number on the cAMP Response to Forskolin in Chinese Hamster Ovary Cells Transfected with Human .BETA.2-Adrenoceptor. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 239-241.	1.4	5
102	Vasodilation of Retinal Arteriole Mediated by Corticotropin-Releasing Factor Receptor is Impaired in Streptozotocin-Induced Diabetic Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 985-989.	1.4	5
103	KRN633, an Inhibitor of Vascular Endothelial Growth Factor Receptor Tyrosine Kinase, Induces Intrauterine Growth Restriction in Mice. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2013, 98, 297-303.	1.4	5
104	Probucol prevents the attenuation of Î²2-adrenoceptor-mediated vasodilation of retinal arterioles in diabetic rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 1247-1253.	3.0	5
105	Brilliant Blue G protects against photoreceptor injury in a murine endotoxin-induced uveitis model. <i>Experimental Eye Research</i> , 2018, 177, 45-49.	2.6	5
106	Role of Epoxyeicosatrienoic Acids in Acetylcholine-Induced Dilation of Rat Retinal Arterioles &lt;i>in Vivo&lt;/i>. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 82-87.	1.4	5
107	Pharmacological inhibition of Na <sup>+</sup> /K <sup>+</sup> -ATPase induces neurovascular degeneration and glial cell alteration in the rat retina. <i>Experimental Eye Research</i> , 2022, 220, 109107.	2.6	5
108	Retinal region-dependent susceptibility of capillaries to high-concentration oxygen exposure and vascular endothelial growth factor receptor inhibition in neonatal mice. <i>Journal of Pharmacological Sciences</i> , 2015, 129, 107-118.	2.5	4



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109	Protective effects of PF-4708671 against N-methyl-D-aspartic acid-induced retinal damage in rats. <i>Fundamental and Clinical Pharmacology</i> , 2016, 30, 529-536.	1.9	4
110	Methylglyoxal Impairs $\alpha$ -Adrenoceptor-Mediated Vasodilatory Mechanisms in Rat Retinal Arterioles. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 272-276.	1.4	4
111	Role of Glial Cells in $\mu$ -Opioid Receptor-Mediated Vasodilation in the Rat Retina. <i>Current Eye Research</i> , 2018, 43, 350-356.	1.5	4
112	Involvement of matrix metalloproteinases in capillary degeneration following NMDA-induced neurotoxicity in the neonatal rat retina. <i>Experimental Eye Research</i> , 2019, 182, 101-108.	2.6	4
113	Probucol Slows the Progression of Cataracts in Streptozotocin-Induced Hyperglycemic Rats. <i>Pharmacology</i> , 2019, 103, 212-219.	2.2	4
114	Activation of transient receptor potential vanilloid 4 channels dilates rat retinal arterioles through nitric oxide- and BKCa channel-dependent mechanisms in vivo. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 35-41.	3.0	4
115	Changes in components of the neurovascular unit in the retina in a rat model of retinopathy of prematurity. <i>Cell and Tissue Research</i> , 2020, 379, 473-486.	2.9	4
116	Involvement of Gi protein-dependent BKCa channel activation in $\alpha$ -adrenoceptor-mediated dilation of retinal arterioles in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 2043-2052.	3.0	4
117	4-Aminopyridine, a Voltage-Gated $K^+$ Channel Inhibitor, Attenuates Nitric Oxide-Mediated Vasodilation of Retinal Arterioles in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 1123-1127.	1.4	4
118	Stimulation of muscarinic M <sub>2</sub> receptors inhibits atrial natriuretic peptide-mediated relaxation in bovine tracheal smooth muscle. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2002, 366, 376-379.	3.0	3
119	Characterization of mexiletine as an antagonist of $\alpha$ -adrenoceptor in Chinese hamster ovary cells expressing cloned human $\alpha$ -adrenoceptors. <i>Biochemical Pharmacology</i> , 2004, 67, 815-822.	4.4	3
120	Transient phenotypic changes in endothelial cells and pericytes in neonatal mouse retina following short-term blockade of vascular endothelial growth factor receptors. <i>Developmental Dynamics</i> , 2018, 247, 699-711.	1.8	3
121	Pharmacological depletion of retinal neurons prevents vertical angiogenic sprouting without affecting the superficial vascular plexus. <i>Developmental Dynamics</i> , 2021, 250, 497-512.	1.8	3
122	L-Citrulline ameliorates the attenuation of acetylcholine-induced vasodilation of retinal arterioles in diabetic rats. <i>Heliyon</i> , 2021, 7, e06532.	3.2	3
123	Mexiletine inhibits pharmacological actions of salbutamol through blockade of $\alpha$ -adrenoceptors in bovine tracheal smooth muscle. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001, 364, 409-413.	3.0	2
124	Diphenylamine-2-carboxylic acid potentiates the cyclic nucleotides-mediated relaxation of porcine coronary artery: possible involvement of the inhibitory effect on the efflux of cyclic nucleotides. <i>Vascular Pharmacology</i> , 2004, 41, 21-25.	2.1	2
125	MEK/ERK- and calcineurin/NFAT-mediated mechanism of cerebral hyperemia and brain injury following NMDA receptor activation. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 329-334.	2.1	2
126	LPA2 promotes neuronal differentiation and neurite formation in neocortical development. <i>Biochemical and Biophysical Research Communications</i> , 2022, 598, 89-94.	2.1	2



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127	Lidocaine potentiates atrial natriuretic peptide-induced relaxation of bovine tracheal smooth muscle. <i>European Journal of Pharmacology</i> , 2001, 425, 129-133.	3.5	1
128	Vasodilator Effects of Elcatonin, a Synthetic Eel Calcitonin, on Retinal Blood Vessels in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 1536-1541.	1.4	1
129	Attenuation of Retinal Endothelial Vasodilator Function in a Rat Model of Retinopathy of Prematurity. <i>Current Eye Research</i> , 2019, 44, 1360-1368.	1.5	1
130	Impairment of endothelium-dependent vasodilator function of retinal blood vessels in adult rats with a history of retinopathy of prematurity. <i>Journal of Pharmacological Sciences</i> , 2021, 146, 233-243.	2.5	1
131	<i>N</i> -methyl-D-aspartic acid receptor-mediated vasodilation is attenuated in the retinas of diabetic rats. <i>Current Eye Research</i> , 2022, , 1-27.	1.5	1
132	Involvement of Bradykinin in Trypsin-Induced Urinary Bladder Contraction in Cyclophosphamide-Treated Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 1122-1125.	1.4	0
133	Abnormal Vascular Phenotypes Associated with the Timing of Interruption of Retinal Vascular Development in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 859-863.	1.4	0
134	Involvement of Gap Junctions in Acetylcholine-Induced Endothelium-Derived Hyperpolarization-Type Dilation of Retinal Arterioles in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1860-1865.	1.4	0
135	Accelerated acetylcholine metabolism in the lung after infusion of phenylephrine in dogs. <i>Research Communications in Molecular Pathology and Pharmacology</i> , 2003, 113-114, 201-6.	0.2	0