

Peter J Little,, Bpharm

List of Publications by Citations

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210
papers

6,366
citations

44
h-index

68
g-index

216
ext. papers

7,452
ext. citations

5.9
avg, IF

5.98
L-index

#	Paper	IF	Citations
210	Cardiovascular actions and therapeutic potential of tanshinone IIA. <i>Atherosclerosis</i> , 2012 , 220, 3-10	3.1	249
209	Insulin resistance and atherosclerosis. <i>Endocrine Reviews</i> , 2006 , 27, 242-59	27.2	241
208	FOXO Signaling Pathways as Therapeutic Targets in Cancer. <i>International Journal of Biological Sciences</i> , 2017 , 13, 815-827	11.2	198
207	LOX-1 in atherosclerosis: biological functions and pharmacological modifiers. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 2859-72	10.3	195
206	Transforming growth factor- β signalling: role and consequences of Smad linker region phosphorylation. <i>Cellular Signalling</i> , 2013 , 25, 2017-24	4.9	190
205	Zinc and cardiovascular disease. <i>Nutrition</i> , 2010 , 26, 1050-7	4.8	128
204	Proteoglycans synthesized by arterial smooth muscle cells in the presence of transforming growth factor-beta1 exhibit increased binding to LDLs. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 55-60	9.4	127
203	Endothelin-1 signalling in vascular smooth muscle: pathways controlling cellular functions associated with atherosclerosis. <i>Atherosclerosis</i> , 2008 , 199, 237-47	3.1	109
202	Effect of moderate alcohol upon obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2000 , 16, 909-13.6	13.6	98
201	Impact of sleep apnea on sympathetic nervous system activity in heart failure. <i>Chest</i> , 2003 , 123, 1119-26.5.3	5.3	88
200	Inhibitory activity of clinical thiazolidinedione peroxisome proliferator activating receptor-gamma ligands toward internal mammary artery, radial artery, and saphenous vein smooth muscle cell proliferation. <i>Circulation</i> , 2003 , 107, 2548-50	16.7	83
199	The possible role of the Akt signaling pathway in schizophrenia. <i>Brain Research</i> , 2012 , 1470, 145-58	3.7	81
198	Intracellular pH in human arterial smooth muscle. Regulation by Na ⁺ /H ⁺ exchange and a novel 5-(N-ethyl-N-isopropyl)amiloride-sensitive Na ⁺ - and HCO ₃ ⁻ -dependent mechanism. <i>Circulation Research</i> , 1990 , 67, 814-25	15.7	76
197	Plasma noradrenaline kinetics in humans. <i>Journal of the Autonomic Nervous System</i> , 1984 , 11, 125-44		76
196	Endothelial Dysfunction in Atherosclerotic Cardiovascular Diseases and Beyond: From Mechanism to Pharmacotherapies. <i>Pharmacological Reviews</i> , 2021 , 73, 924-967	22.5	73
195	Genetic and physiological association of diabetes susceptibility with raised Na ⁺ /H ⁺ exchange activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 5898-902 ^{11.5}	11.5	72
194	Hyperelongated biglycan: the surreptitious initiator of atherosclerosis. <i>Current Opinion in Lipidology</i> , 2008 , 19, 448-54	4.4	71

193	TGF-beta stimulates biglycan synthesis via p38 and ERK phosphorylation of the linker region of Smad2. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 2077-90	10.3	70
192	Tanshinone II-A inhibits oxidized LDL-induced LOX-1 expression in macrophages by reducing intracellular superoxide radical generation and NF- κ B activation. <i>Translational Research</i> , 2012 , 160, 114-24 ¹¹		68
191	The pH of spontaneously beating cultured rat heart cells is regulated by an ATP-calmodulin-dependent Na ⁺ /H ⁺ antiport. <i>Circulation Research</i> , 1989 , 64, 676-85	15.7	68
190	Tanshinone IIA suppresses cholesterol accumulation in human macrophages: role of heme oxygenase-1. <i>Journal of Lipid Research</i> , 2014 , 55, 201-13	6.3	67
189	Tanshinone II-A attenuates and stabilizes atherosclerotic plaques in apolipoprotein-E knockout mice fed a high cholesterol diet. <i>Archives of Biochemistry and Biophysics</i> , 2011 , 515, 72-9	4.1	67
188	Targeting Mechanosensitive Transcription Factors in Atherosclerosis. <i>Trends in Pharmacological Sciences</i> , 2019 , 40, 253-266	13.2	66
187	Poly(ADP-ribose) polymerase 1 (PARP1) in atherosclerosis: from molecular mechanisms to therapeutic implications. <i>Medicinal Research Reviews</i> , 2014 , 34, 644-75	14.4	66
186	Targeting epigenetics and non-coding RNAs in atherosclerosis: from mechanisms to therapeutics. <i>Pharmacology & Therapeutics</i> , 2019 , 196, 15-43	13.9	66
185	Angiotensin II and noradrenaline increase PDGF-BB receptors and potentiate PDGF-BB stimulated DNA synthesis in vascular smooth muscle. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 166, 580-8	3.4	63
184	Atheroprotective Effects and Molecular Targets of Tanshinones Derived From Herbal Medicine Danshen. <i>Medicinal Research Reviews</i> , 2018 , 38, 201-228	14.4	62
183	SIRT6 protects against endothelial dysfunction and atherosclerosis in mice. <i>Aging</i> , 2016 , 8, 1064-82	5.6	60
182	Endothelial function and dysfunction: Impact of metformin. <i>Pharmacology & Therapeutics</i> , 2018 , 192, 150-162	13.9	59
181	Cellular and cytokine-based inflammatory processes as novel therapeutic targets for the prevention and treatment of atherosclerosis. <i>Pharmacology & Therapeutics</i> , 2011 , 131, 255-68	13.9	58
180	Differential effects of gemfibrozil on migration, proliferation and proteoglycan production in human vascular smooth muscle cells. <i>Atherosclerosis</i> , 2002 , 162, 119-29	3.1	57
179	Thrombin stimulation of proteoglycan synthesis in vascular smooth muscle is mediated by protease-activated receptor-1 transactivation of the transforming growth factor beta type I receptor. <i>Journal of Biological Chemistry</i> , 2010 , 285, 26798-26805	5.4	56
178	Smad linker region phosphorylation in the regulation of extracellular matrix synthesis. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 97-107	10.3	55
177	Diabetes-induced vascular hypertrophy is accompanied by activation of Na ⁽⁺⁾ -H ⁽⁺⁾ exchange and prevented by Na ⁽⁺⁾ -H ⁽⁺⁾ exchange inhibition. <i>Circulation Research</i> , 2000 , 87, 1133-40	15.7	55
176	Imatinib inhibits vascular smooth muscle proteoglycan synthesis and reduces LDL binding in vitro and aortic lipid deposition in vivo. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 1408-18	5.6	53

175	Inhibition of rat hepatic microsomal aminopyrine N-demethylase activity by benzimidazole derivatives. Quantitative structure-activity relationships. <i>Journal of Medicinal Chemistry</i> , 1982 , 25, 887-92	8.3	53
174	Polyhalogenated biphenyls and phenobarbital: evaluation as inducers of drug metabolizing enzymes in the sheepshead, <i>Archosargus probatocephalus</i> . <i>Chemico-Biological Interactions</i> , 1981 , 36, 229-48	5	52
173	The nerve growth factor signaling and its potential as therapeutic target for glaucoma. <i>BioMed Research International</i> , 2014 , 2014, 759473	3	51
172	Danhong injection in cardiovascular and cerebrovascular diseases: Pharmacological actions, molecular mechanisms, and therapeutic potential. <i>Pharmacological Research</i> , 2019 , 139, 62-75	10.2	51
171	Smad and p38 MAP kinase-mediated signaling of proteoglycan synthesis in vascular smooth muscle. <i>Journal of Biological Chemistry</i> , 2008 , 283, 7844-52	5.4	48
170	PDGF beta-receptor kinase activity and ERK1/2 mediate glycosaminoglycan elongation on biglycan and increases binding to LDL. <i>Endocrinology</i> , 2010 , 151, 4356-67	4.8	47
169	Thrombin regulates vascular smooth muscle cell proteoglycan synthesis via PAR-1 and multiple downstream signalling pathways. <i>Thrombosis Research</i> , 2008 , 123, 288-97	8.2	47
168	Transforming growth factor- β regulation of proteoglycan synthesis in vascular smooth muscle: contribution to lipid binding and accelerated atherosclerosis in diabetes. <i>Journal of Diabetes</i> , 2010 , 2, 233-42	3.8	46
167	Novel iron oxide-cerium oxide core-shell nanoparticles as a potential theranostic material for ROS related inflammatory diseases. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 4937-4951	7.3	46
166	Glycosaminoglycan synthesis and structure as targets for the prevention of calcific aortic valve disease. <i>Cardiovascular Research</i> , 2007 , 76, 19-28	9.9	44
165	Regulation and role of urokinase plasminogen activator in vascular remodelling. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1996 , 23, 759-65	3	44
164	Targeting LOX-1 in atherosclerosis and vasculopathy: current knowledge and future perspectives. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1443, 34-53	6.5	44
163	Leu143 in the putative fourth membrane spanning domain is critical for amiloride inhibition of an epithelial Na ⁺ /H ⁺ exchanger isoform (NHE-2). <i>Biochemical and Biophysical Research Communications</i> , 1993 , 193, 532-9	3.4	43
162	Endothelin-1 stimulation of proteoglycan synthesis in vascular smooth muscle is mediated by endothelin receptor transactivation of the transforming growth factor- β type I receptor. <i>Journal of Cardiovascular Pharmacology</i> , 2010 , 56, 360-8	3.1	41
161	Endothelin-1 and endothelin-3 stimulate calcium mobilization by different mechanisms in vascular smooth muscle. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 183, 694-700	3.4	41
160	Inhibitors of hepatic mixed function oxidases-II. Some benzimidazole, benzoxazole and benzothiazole derivatives. <i>Biochemical Pharmacology</i> , 1976 , 25, 2747-50	6	40
159	Animal models for assessing the impact of natural products on the aetiology and metabolic pathophysiology of Type 2 diabetes. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 89, 1242-1251	7.5	38
158	Treatment of atherosclerotic plaque: perspectives on theranostics. <i>Journal of Pharmacy and Pharmacology</i> , 2019 , 71, 1029-1043	4.8	38

157	Thrombin-mediated proteoglycan synthesis utilizes both protein-tyrosine kinase and serine/threonine kinase receptor transactivation in vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 2013 , 288, 7410-9	5.4	37
156	Vascular wall proteoglycan synthesis and structure as a target for the prevention of atherosclerosis. <i>Vascular Health and Risk Management</i> , 2007 , 3, 117-24	4.4	37
155	Endothelin-1 actions on vascular smooth muscle cell functions as a target for the prevention of atherosclerosis. <i>Current Vascular Pharmacology</i> , 2008 , 6, 195-203	3.3	36
154	Naringenin and naringin in cardiovascular disease prevention: A preclinical review. <i>European Journal of Pharmacology</i> , 2020 , 887, 173535	5.3	36
153	Troglitazone, but not rosiglitazone, inhibits Na/H exchange activity and proliferation of macrovascular endothelial cells. <i>Journal of Diabetes and Its Complications</i> , 2001 , 15, 120-7	3.2	35
152	Arterial smooth muscle cell proteoglycans synthesized in the presence of glucosamine demonstrate reduced binding to LDL. <i>Journal of Lipid Research</i> , 2002 , 43, 149-157	6.3	35
151	The role of specific Smad linker region phosphorylation in TGF- β -mediated expression of glycosaminoglycan synthesizing enzymes in vascular smooth muscle. <i>Cellular Signalling</i> , 2016 , 28, 956-66	4.9	35
150	Urokinase plasminogen activator induces smooth muscle cell migration: key role of growth factor-like domain. <i>FEBS Letters</i> , 1997 , 414, 471-4	3.8	34
149	Temperature-dependent disposition of [14C]benzo(a)pyrene in the spiny lobster, <i>Panulirus argus</i> . <i>Toxicology and Applied Pharmacology</i> , 1985 , 77, 325-33	4.6	34
148	Flow-dependent epigenetic regulation of IGFBP5 expression by H3K27me3 contributes to endothelial anti-inflammatory effects. <i>Theranostics</i> , 2018 , 8, 3007-3021	12.1	33
147	Forkhead box O transcription factors as possible mediators in the development of major depression. <i>Neuropharmacology</i> , 2015 , 99, 527-37	5.5	33
146	Biosynthesis of natural and hyperelongated chondroitin sulfate glycosaminoglycans: new insights into an elusive process. <i>The Open Biochemistry Journal</i> , 2008 , 2, 135-42	0.9	33
145	Activatable magnetic resonance nanosensor as a potential imaging agent for detecting and discriminating thrombosis. <i>Nanoscale</i> , 2018 , 10, 15103-15115	7.7	32
144	Structure, Function, Pharmacology, and Therapeutic Potential of the G Protein, $G_{\beta\gamma}$. <i>Frontiers in Cardiovascular Medicine</i> , 2015 , 2, 14	5.4	31
143	(S)-[6]-Gingerol inhibits TGF- β -stimulated biglycan synthesis but not glycosaminoglycan hyperelongation in human vascular smooth muscle cells. <i>Journal of Pharmacy and Pharmacology</i> , 2013 , 65, 1026-36	4.8	31
142	Troglitazone stimulates repair of the endothelium and inhibits neointimal formation in denuded rat aorta. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 762-8	9.4	31
141	Arterial smooth muscle cell proteoglycans synthesized in the presence of glucosamine demonstrate reduced binding to LDL. <i>Journal of Lipid Research</i> , 2002 , 43, 149-57	6.3	31
140	The expansion of GPCR transactivation-dependent signalling to include serine/threonine kinase receptors represents a new cell signalling frontier. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 799-808	10.3	30

139	Protease activated receptor-1 mediated dual kinase receptor transactivation stimulates the expression of glycosaminoglycan synthesizing genes. <i>Cellular Signalling</i> , 2016 , 28, 110-9	4.9	30
138	Vascular localization of the 11 beta-hydroxysteroid dehydrogenase type II enzyme. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1996 , 23, 549-51	3	30
137	Total synthesis of the cyclic depsipeptide YM-280193, a platelet aggregation inhibitor. <i>Organic Letters</i> , 2015 , 17, 492-5	6.2	28
136	Cell biology of Smad2/3 linker region phosphorylation in vascular smooth muscle. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 661-7	3	27
135	Ga proteins: molecular pharmacology and therapeutic potential. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 1379-1390	10.3	27
134	Endothelin-1 activates ETA receptors on human vascular smooth muscle cells to yield proteoglycans with increased binding to LDL. <i>Atherosclerosis</i> , 2009 , 205, 451-7	3.1	27
133	Androgens stimulate human vascular smooth muscle cell proteoglycan biosynthesis and increase lipoprotein binding. <i>Endocrinology</i> , 2005 , 146, 2085-90	4.8	26
132	Desensitization of the alpha 1 adrenoceptor system in vascular smooth muscle. <i>Biochemical Pharmacology</i> , 1984 , 33, 1143-5	6	26
131	G protein coupled receptor transactivation: extending the paradigm to include serine/threonine kinase receptors. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 722-7	5.6	25
130	Inhibitors of hepatic mixed-function oxidases. 4. Effects of benzimidazole and related compounds on aryl hydrocarbon hydroxylase activity from phenobarbitone and 3-methylcholanthrene induced rats. <i>Journal of Medicinal Chemistry</i> , 1982 , 25, 622-6	8.3	25
129	The Atypical Antipsychotic Agent, Clozapine, Protects Against Corticosterone-Induced Death of PC12 Cells by Regulating the Akt/FoxO3a Signaling Pathway. <i>Molecular Neurobiology</i> , 2017 , 54, 3395-3406	6.2	24
128	IGF-1 signaling via the PI3K/Akt pathway confers neuroprotection in human retinal pigment epithelial cells exposed to sodium nitroprusside insult. <i>Journal of Molecular Neuroscience</i> , 2015 , 55, 931-40	3.3	24
127	Transforming growth factor E-mediated site-specific Smad linker region phosphorylation in vascular endothelial cells. <i>Journal of Pharmacy and Pharmacology</i> , 2014 , 66, 1722-33	4.8	24
126	Characterization of intracellular translocation of Forkhead transcription factor O (FoxO) members induced by NGF in PC12 cells. <i>Neuroscience Letters</i> , 2011 , 498, 31-6	3.3	24
125	Regulation of the atherogenic properties of vascular smooth muscle proteoglycans by oral anti-hyperglycemic agents. <i>Journal of Diabetes and Its Complications</i> , 2007 , 21, 108-17	3.2	24
124	The emerging role of metformin in gestational diabetes mellitus. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 765-772	6.7	23
123	Signalling pathways regulating galactosaminoglycan synthesis and structure in vascular smooth muscle: Implications for lipoprotein binding and atherosclerosis. <i>Pharmacology & Therapeutics</i> , 2018 , 187, 88-97	13.9	23
122	Platelet-derived growth factor differentially regulates the expression and post-translational modification of versican by arterial smooth muscle cells through distinct protein kinase C and extracellular signal-regulated kinase pathways. <i>Journal of Biological Chemistry</i> , 2010 , 285, 6987-95	5.4	23

121	Hydrogels as artificial matrices for cell seeding in microfluidic devices.. <i>RSC Advances</i> , 2020 , 10, 43682-43703	37.03	23
120	Non-invasive imaging techniques for the differentiation of acute and chronic thrombosis. <i>Thrombosis Research</i> , 2019 , 177, 161-171	8.2	22
119	Thrombin promotes PAI-1 expression and migration in keratinocytes via ERK dependent Smad linker region phosphorylation. <i>Cellular Signalling</i> , 2018 , 47, 37-43	4.9	22
118	The paradigm of G protein receptor transactivation: a mechanistic definition and novel example. <i>Scientific World Journal, The</i> , 2011 , 11, 709-14	2.2	22
117	Forkhead family transcription factor FoxO and neural differentiation. <i>Neurogenetics</i> , 2012 , 13, 105-13	3	21
116	TGF- β stimulates biglycan core protein synthesis but not glycosaminoglycan chain elongation via Akt phosphorylation in vascular smooth muscle. <i>Growth Factors</i> , 2011 , 29, 203-10	1.6	21
115	Cellular and Molecular Pathology of Age-Related Macular Degeneration: Potential Role for Proteoglycans. <i>Journal of Ophthalmology</i> , 2016 , 2016, 2913612	2	21
114	Targeted Molecular Imaging of Cardiovascular Diseases by Iron Oxide Nanoparticles. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 601-613	9.4	21
113	Flavopiridol Inhibits TGF- β -Stimulated Biglycan Synthesis by Blocking Linker Region Phosphorylation and Nuclear Translocation of Smad2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 365, 156-164	4.7	20
112	Elucidating the role of the FoxO3a transcription factor in the IGF-1-induced migration and invasion of uveal melanoma cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 1538-1550	7.5	20
111	Insulin-like growth factor-1 induces the phosphorylation of PRAS40 via the PI3K/Akt signaling pathway in PC12 cells. <i>Neuroscience Letters</i> , 2012 , 516, 105-9	3.3	20
110	Therapeutic implications of endothelin and thrombin G-protein-coupled receptor transactivation of tyrosine and serine/threonine kinase cell surface receptors. <i>Journal of Pharmacy and Pharmacology</i> , 2013 , 65, 465-73	4.8	20
109	Mechanical strain stimulates a mitogenic response in coronary vascular smooth muscle cells via release of basic fibroblast growth factor. <i>American Journal of Hypertension</i> , 2001 , 14, 1128-34	2.3	20
108	Amiloride analogues cause endothelium-dependent relaxation in the canine coronary artery in vitro: possible role of Na ⁺ /Ca ²⁺ exchange. <i>British Journal of Pharmacology</i> , 1988 , 95, 67-76	8.6	20
107	Transforming growth factor- β mediated CHST11 and CHSY1 mRNA expression is ROS dependent in vascular smooth muscle cells. <i>Journal of Cell Communication and Signaling</i> , 2019 , 13, 225-233	5.2	20
106	Smad2-dependent glycosaminoglycan elongation in aortic valve interstitial cells enhances binding of LDL to proteoglycans. <i>Cardiovascular Pathology</i> , 2013 , 22, 146-55	3.8	19
105	Insights into cellular signalling by G protein coupled receptor transactivation of cell surface protein kinase receptors. <i>Journal of Cell Communication and Signaling</i> , 2017 , 11, 117-125	5.2	18
104	Lithium ions attenuate serum-deprivation-induced apoptosis in PC12 cells through regulation of the Akt/FoxO1 signaling pathways. <i>Psychopharmacology</i> , 2016 , 233, 785-94	4.7	18

103	Amiodarone-Induced Retinal Neuronal Cell Apoptosis Attenuated by IGF-1 via Counter Regulation of the PI3k/Akt/FoxO3a Pathway. <i>Molecular Neurobiology</i> , 2017 , 54, 6931-6943	6.2	18
102	Nerve growth factor protects retinal ganglion cells against injury induced by retinal ischemia-reperfusion in rats. <i>Growth Factors</i> , 2015 , 33, 149-59	1.6	18
101	Glycated and carboxy-methylated proteins do not directly activate human vascular smooth muscle cells. <i>Kidney International</i> , 2005 , 68, 2756-65	9.9	18
100	Protection of neuronal uptake-1 inhibitors in ischemic and anoxic hearts by norepinephrine-dependent and -independent mechanisms. <i>Journal of Cardiovascular Pharmacology</i> , 1998 , 32, 621-8	3.1	18
99	Determination of dose enhancement caused by gold-nanoparticles irradiated with proton, X-rays (kV and MV) and electron beams, using alanine/EPR dosimeters. <i>Radiation Measurements</i> , 2015 , 82, 122-128	1.5	17
98	Growth factor-mediated hyper-elongation of glycosaminoglycan chains on biglycan requires transcription and translation. <i>Archives of Physiology and Biochemistry</i> , 2009 , 115, 147-54	2.2	17
97	Mechanisms regulating the vascular smooth muscle Na/H exchanger (NHE-1) in diabetes. <i>Biochemistry and Cell Biology</i> , 1998 , 76, 751-759	3.6	17
96	Individual Smad2 linker region phosphorylation sites determine the expression of proteoglycan and glycosaminoglycan synthesizing genes. <i>Cellular Signalling</i> , 2019 , 53, 365-373	4.9	17
95	Lysophosphatidic acid and its receptors: pharmacology and therapeutic potential in atherosclerosis and vascular disease. <i>Pharmacology & Therapeutics</i> , 2019 , 204, 107404	13.9	16
94	GPCR responses in vascular smooth muscle can occur predominantly through dual transactivation of kinase receptors and not classical G β protein signalling pathways. <i>Life Sciences</i> , 2013 , 92, 951-6	6.8	16
93	Endothelin-1 (ET-1) stimulates carboxy terminal Smad2 phosphorylation in vascular endothelial cells by a mechanism dependent on ET receptors and de novo protein synthesis. <i>Journal of Pharmacy and Pharmacology</i> , 2017 , 69, 66-72	4.8	16
92	Impact of sodium glucose cotransporter 2 (SGLT2) inhibitors on atherosclerosis: from pharmacology to pre-clinical and clinical therapeutics. <i>Theranostics</i> , 2021 , 11, 4502-4515	12.1	16
91	Peptidyl-prolyl isomerases: functionality and potential therapeutic targets in cardiovascular disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015 , 42, 117-24	3	15
90	Potential of small molecule protein tyrosine kinase inhibitors as immuno-modulators and inhibitors of the development of type 1 diabetes. <i>Scientific World Journal, The</i> , 2009 , 9, 224-8	2.2	15
89	Mechanisms involved in the stimulation of aldosterone production by angiotensin II, vasopressin and endothelin. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1990 , 17, 263-7	3	15
88	Metformin and Vascular Diseases: A Focused Review on Smooth Muscle Cell Function. <i>Frontiers in Pharmacology</i> , 2020 , 11, 635	5.6	14
87	G protein coupled receptors can transduce signals through carboxy terminal and linker region phosphorylation of Smad transcription factors. <i>Life Sciences</i> , 2018 , 199, 10-15	6.8	14
86	Smad linker region phosphorylation is a signalling pathway in its own right and not only a modulator of canonical TGF- β signalling. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 243-251	10.3	14

85	Tanshinone IIA Attenuates Insulin Like Growth Factor 1 -Induced Cell Proliferation in PC12 Cells through the PI3K/Akt and MEK/ERK Pathways. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	14
84	Mechanisms of PAR-1 mediated kinase receptor transactivation: Smad linker region phosphorylation. <i>Journal of Cell Communication and Signaling</i> , 2019 , 13, 539-548	5.2	13
83	Hydrogels Based on Poly(aspartic acid): Synthesis and Applications. <i>Frontiers in Chemistry</i> , 2019 , 7, 755	5	13
82	Genistein inhibits PDGF-stimulated proteoglycan synthesis in vascular smooth muscle without blocking PDGF α receptor phosphorylation. <i>Archives of Biochemistry and Biophysics</i> , 2012 , 525, 25-31	4.1	13
81	Suramin inhibits PDGF-stimulated receptor phosphorylation, proteoglycan synthesis and glycosaminoglycan hyperelongation in human vascular smooth muscle cells. <i>Journal of Pharmacy and Pharmacology</i> , 2013 , 65, 1055-63	4.8	13
80	High glucose abolishes the antiproliferative effect of 17beta-estradiol in human vascular smooth muscle cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 282, E746-51	6	13
79	High glucose potentiates mitogenic responses of cultured ovine coronary smooth muscle cells to platelet derived growth factor and transforming growth factor-beta1. <i>Diabetes Research and Clinical Practice</i> , 2003 , 59, 93-101	7.4	13
78	Actions of calcium channel blockers on vascular proteoglycan synthesis: relationship to atherosclerosis. <i>Vascular Health and Risk Management</i> , 2005 , 1, 199-208	4.4	13
77	Poly(aspartic acid) in Biomedical Applications: From Polymerization, Modification, Properties, Degradation, and Biocompatibility to Applications. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 2083-2105	5.5	13
76	The status of radioimmunotherapy in CD20+ non-Hodgkin's lymphoma. <i>Targeted Oncology</i> , 2015 , 10, 15-26	5	12
75	The Role of Toll-like Receptors in Atherothrombotic Cardiovascular Disease. <i>ACS Pharmacology and Translational Science</i> , 2020 , 3, 457-471	5.9	12
74	RNA sequencing to determine the contribution of kinase receptor transactivation to G protein coupled receptor signalling in vascular smooth muscle cells. <i>PLoS ONE</i> , 2017 , 12, e0180842	3.7	12
73	Role of Corticotropin Releasing Factor in the Neuroimmune Mechanisms of Depression: Examination of Current Pharmaceutical and Herbal Therapies. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 290	6.1	12
72	Glucosamine inhibits the synthesis of glycosaminoglycan chains on vascular smooth muscle cell proteoglycans by depletion of ATP. <i>Archives of Physiology and Biochemistry</i> , 2008 , 114, 120-6	2.2	12
71	Endothelial Dysfunction and Cardiovascular Disease: History and Analysis of the Clinical Utility of the Relationship. <i>Biomedicines</i> , 2021 , 9,	4.8	12
70	Anti-proliferative activity of oral anti-hyperglycemic agents on human vascular smooth muscle cells: thiazolidinediones (glitazones) have enhanced activity under high glucose conditions. <i>Cardiovascular Diabetology</i> , 2007 , 6, 33	8.7	11
69	Dihydropyridine Ca ²⁺ channel antagonists inhibit the salvage pathway for DNA synthesis in human vascular smooth muscle cells. <i>European Journal of Pharmacology</i> , 1993 , 244, 269-75		11
68	Imidazole derivatives as inhibitors of cytochrome P-450-dependent oxidation and activators of epoxide hydrolase in hepatic microsomes from a marine fish. <i>Biochemical Pharmacology</i> , 1981 , 30, 2876-80	6	11

67	Role of Ca ²⁺ in metabolic inhibition-induced norepinephrine release in rat brain synaptosomes. <i>Circulation Research</i> , 1997 , 80, 179-88	15.7	11
66	ROS directly activates transforming growth factor β type 1 receptor signalling in human vascular smooth muscle cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020 , 1864, 129463	4	11
65	Integrating the GPCR transactivation-dependent and biased signalling paradigms in the context of PAR1 signalling. <i>British Journal of Pharmacology</i> , 2016 , 173, 2992-3000	8.6	11
64	Changing environment of hyperglycemia in pregnancy: Gestational diabetes and diabetes mellitus in pregnancy. <i>Journal of Diabetes</i> , 2018 , 10, 633-640	3.8	10
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