Martina Schmidt

List of Publications by Year
in descending order

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161 papers	5,624 citations	76326 40 h-index	102487 66 g-index
165 all docs	165 docs citations	165 times ranked	6096 citing authors

#	Article	IF	Citations
1	A new phospholipase-Câ€“calcium signalling pathway mediated by cyclic AMP and a Rap GTPase. Nature Cell Biology, 2001, 3, 1020-1024.	10.3	303
2	Exchange Protein Directly Activated by cAMP (epac): A Multidomain cAMP Mediator in the Regulation of Diverse Biological Functions. Pharmacological Reviews, 2013, 65, 670-709.	16.0	230
3	The Guanine Nucleotide Exchange Factor p63RhoGEF, a Specific Link between Gq/11-coupled Receptor Signaling and RhoA. Journal of Biological Chemistry, 2005, 280, 11134-11139.	3.4	175
4	Activation of Type I Phosphatidylinositol 4-Phosphate 5-Kinase Isoforms by the Rho GTPases, RhoA, Rac1, and Cdc42. Journal of Biological Chemistry, 2004, 279, 7840-7849.	3.4	153
5	Paving the Rho in cancer metastasis: Rho GTPases and beyond. , 2018, 183, 1-21.		132
6	The role of Epac proteins, novel cAMP mediators, in the regulation of immune, lung and neuronal function. British Journal of Pharmacology, 2010, 159, 265-284.	5.4	125
7	Regulation and cellular roles of phosphoinositide 5-kinases. European Journal of Pharmacology, 2004, 500, 87-99.	3.5	120
8	Epac: effectors and biological functions. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 377, 345-357.	3.0	118
9	Epicardium and Myocardium Separate From a Common Precursor Pool by Crosstalk Between Bone Morphogenetic Proteinâ€“ and Fibroblast Growth Factorâ€“Signaling Pathways. Circulation Research, 2009, 105, 431-441.	4.5	107
10	Phospholipase D signaling: orchestration by PIP2 and small GTPases. Naunyn-Schmiedeberg's Archives of Pharmacology, 2007, 374, 399-411.	3.0	99
11	Stimulation of Phosphatidylinositol-4-phosphate 5-Kinase by Rho-Kinase. Journal of Biological Chemistry, 2000, 275, 10168-10174.	3.4	98
12	Noncanonical WNTâ€5A signaling regulates TGFâ€Î²â€induced extracellular matrix production by airway smooth muscle cells. FASEB Journal, 2013, 27, 1631-1643.	0.5	96
13	cAMP: From Long-Range Second Messenger to Nanodomain Signalling. Trends in Pharmacological Sciences, 2018, 39, 209-222.	8.7	95
14	Epac- and Ca2+-controlled Activation of Ras and Extracellular Signal-regulated Kinases by Gs-coupled Receptors. Journal of Biological Chemistry, 2004, 279, 46497-46508.	3.4	94
15	Inhibition of Receptor Signaling to Phospholipase D by Clostridium difficile Toxin B. Journal of Biological Chemistry, 1996, 271, 2422-2426.	3.4	93
16	Direct stimulation of receptor-controlled phospholipase D1 by phospho-cofilin. EMBO Journal, 2007, 26, 4189-4202.	7.8	91
17	Rho kinase: a target for treating urinary bladder dysfunction?. Trends in Pharmacological Sciences, 2006, 27, 492-497.	8.7	90
18	Evidence for ADP-Ribosylation-Factor-Mediated Activation of Phospholipase D by m3 Muscarinic Acetylcholine Receptor. FEBS Journal, 1995, 234, 240-244.	0.2	88

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19	Dynamic phospholipid signaling by G protein-coupled receptors. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 888-900.	2.6	87
20	Mechanisms of phospholipase D stimulation by m3 muscarinic acetylcholine receptors. Evidence for involvement of tyrosine phosphorylation. FEBS Journal, 1994, 225, 667-675.	0.2	84
21	Phosphodiesterases as therapeutic targets for respiratory diseases. , 2019, 197, 225-242.		81
22	A Role for Rho-kinase in Rho-controlled Phospholipase D Stimulation by the m3 Muscarinic Acetylcholine Receptor. Journal of Biological Chemistry, 1999, 274, 14648-14654.	3.4	79
23	The M3 Muscarinic Acetylcholine Receptor Expressed in HEK-293 Cells Signals to Phospholipase D via G12 but Not Gq-type G Proteins. Journal of Biological Chemistry, 2001, 276, 2474-2479.	3.4	77
24	Neuronal AKAP150 coordinates PKA and Epac-mediated PKB/Akt phosphorylation. Cellular Signalling, 2008, 20, 1715-1724.	3.6	76
25	Stimulation of Phospholipase C-Îµ by the M3Muscarinic Acetylcholine Receptor Mediated by Cyclic AMP and the GTPase Rap2B. Journal of Biological Chemistry, 2002, 277, 16805-16813.	3.4	69
26	Cyclic AMP-dependent and Epac-mediated Activation of R-Ras by G Protein-coupled Receptors Leads to Phospholipase D Stimulation. Journal of Biological Chemistry, 2006, 281, 21837-21847.	3.4	68
27	Î²-1,3-Glucan-Induced Host Phospholipase D Activation Is Involved in Aspergillus fumigatus Internalization into Type II Human Pneumocyte A549 Cells. PLoS ONE, 2011, 6, e21468.	2.5	67
28	Anti-Inflammatory Role of the cAMP Effectors Epac and PKA: Implications in Chronic Obstructive Pulmonary Disease. PLoS ONE, 2012, 7, e31574.	2.5	66
29	Role of sphingosine kinase in Ca2+signalling by epidermal growth factor receptor. FEBS Letters, 1999, 461, 217-222.	2.8	64
30	Epac as a novel effector of airway smooth muscle relaxation. Journal of Cellular and Molecular Medicine, 2011, 15, 1551-1563.	3.6	63
31	Phospholipase D Stimulation by Receptor Tyrosine Kinases Mediated by Protein Kinase C and a Ras/Ral Signaling Cascade. Journal of Biological Chemistry, 1999, 274, 34691-34698.	3.4	60
32	Specific Inhibition of Phorbol Ester-stimulated Phospholipase D by Clostridium sordellii Lethal Toxin and Clostridium difficile Toxin B-1470 in HEK-293 Cells. Journal of Biological Chemistry, 1998, 273, 7413-7422.	3.4	58
33	Serotonin and Dopamine Protect from Hypothermia/Rewarming Damage through the CBS/ H2S Pathway. PLoS ONE, 2011, 6, e22568.	2.5	55
34	Epac and the cardiovascular system. Current Opinion in Pharmacology, 2007, 7, 193-200.	3.5	54
35	Epac inhibits migration and proliferation of human prostate carcinoma cells. British Journal of Cancer, 2009, 101, 2038-2042.	6.4	51
36	Reversible remodeling of lung tissue during hibernation in the Syrian hamster. Journal of Experimental Biology, 2011, 214, 1276-1282.	1.7	49

#	Article	IF	Citations
37	The role of endogenous H2S formation in reversible remodeling of lung tissue during hibernation in the Syrian hamster. Journal of Experimental Biology, 2012, 215, 2912-2919.	1.7	48
38	A-kinase anchoring proteins contribute to loss of E-cadherin and bronchial epithelial barrier by cigarette smoke. American Journal of Physiology - Cell Physiology, 2014, 306, C585-C597.	4.6	47
39	p63RhoGEF and GEFT are Rho-specific guanine nucleotide exchange factors encoded by the same gene. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 369, 540-546.	3.0	46
40	Distinct PKA and Epac compartmentalization in airway function and plasticity. , 2013, 137, 248-265.		45
41	The pharmacological rationale for combining muscarinic receptor antagonists and Î²-adrenoceptor agonists in the treatment of airway and bladder disease. Current Opinion in Pharmacology, 2014, 16, 31-42.	3.5	45
42	Disruption of the Phospholipase D Gene Attenuates the Virulence of Aspergillus fumigatus. Infection and Immunity, 2012, 80, 429-440.	2.2	43
43	Rap2B-Dependent Stimulation of Phospholipase C-Îµ by Epidermal Growth Factor Receptor Mediated by c-Src Phosphorylation of RasGRP3. Molecular and Cellular Biology, 2004, 24, 4664-4676.	2.3	42
44	Pharmacology of airway smooth muscle proliferation. European Journal of Pharmacology, 2008, 585, 385-397.	3.5	42
45	A role for Rho in receptor- and G protein-stimulated phospholipase C Reduction in phosphatidylinositol 4,5-bisphosphate by Clostridium difficile toxin B. Naunyn-Schmiedeberg's Archives of Pharmacology, 1996, 354, 87-94.	3.0	41
46	The ADP-ribosylation Factor (ARF)-related GTPase ARF-related Protein Binds to the ARF-specific Guanine Nucleotide Exchange Factor Cytohesin and Inhibits the ARF-dependent Activation of Phospholipase D. Journal of Biological Chemistry, 1999, 274, 9744-9751.	3.4	41
47	De novo synthesis of ÃŸâ€catenin via Hâ€Ras and MEK regulates airway smooth muscle growth. FASEB Journal, 2010, 24, 757-768.	0.5	40
48	GSK-3Î²-catenin signaling axis in airway smooth muscle: role in mitogenic signaling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L1110-L1118.	2.9	39
49	Exchange protein activated by cyclic AMP 2 (Epac2) plays a specific and timeâ€limited role in memory retrieval. Hippocampus, 2010, 20, 1018-1026.	1.9	39
50	Rapid and Persistent Desensitization of m3 Muscarinic Acetylcholine Receptor-stimulated Phospholipase D. Journal of Biological Chemistry, 1995, 270, 19949-19956.	3.4	38
51	Restoration of Clostridium Difficile Toxin-B-Inhibited Phospholipase D by Phosphatidylinositol 4,5-Bisphosphate. FEBS Journal, 1996, 240, 707-712.	0.2	38
52	TGF-Î²-Activated Kinase 1 (TAK1) Signaling Regulates TGF-Î²-Induced WNT-5A Expression in Airway Smooth Muscle Cells via Sp1 and Î²-Catenin. PLoS ONE, 2014, 9, e94801.	2.5	36
53	Identification of G protein-coupled receptors potently stimulating migration of human transitional-cell carcinoma cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 1997, 356, 769-776.	3.0	35
54	Analysis of receptor-G protein interactions in permeabilized cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 1995, 351, 329-336.	3.0	34

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55	SK channel-mediated metabolic escape to glycolysis inhibits ferroptosis and supports stress resistance in C. elegans. Cell Death and Disease, 2020, 11, 263.	6.3	34
56	PKA and Epac cooperate to augment bradykinin-induced interleukin-8 release from human airway smooth muscle cells. Respiratory Research, 2009, 10, 88.	3.6	33
57	cAMP inhibits modulation of airway smooth muscle phenotype via the exchange protein activated by cAMP (Epac) and protein kinase A. British Journal of Pharmacology, 2011, 162, 193-209.	5.4	33
58	Differential calcium signalling by m2 and m3 muscarinic acetylcholine receptors in a single cell type. Naunyn-Schmiedeberg's Archives of Pharmacology, 1995, 352, 469-476.	3.0	32
59	Muscarinic receptor-stimulated cytosol-membrane translocation of RhoA. FEBS Letters, 1997, 403, 299-302.	2.8	32
60	Multiple Facets of cAMP Signalling and Physiological Impact: cAMP Compartmentalization in the Lung. Pharmaceuticals, 2012, 5, 1291-1331.	3.8	32
61	Activation of phospholipase D1 by ADP-ribosylated RhoA. Biochemical and Biophysical Research Communications, 2003, 302, 127-132.	2.1	31
62	Cigarette smoke upâ€regulates <scp>PDE3</scp> and <scp>PDE4</scp> to decrease <scp>cAMP</scp> in airway cells. British Journal of Pharmacology, 2018, 175, 2988-3006.	5.4	31
63	The GSK-3/Î²-catenin-signalling axis in smooth muscle and its relationship with remodelling. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 378, 185-191.	3.0	29
64	Epac Function and cAMP Scaffolds in the Heart and Lung. Journal of Cardiovascular Development and Disease, 2018, 5, 9.	1.6	29
65	Tyrosine-phosphorylation-dependent and Rho-protein-mediated control of cellular phosphatidylinositol 4,5-bisphosphate levels. Biochemical Journal, 1998, 334, 625-631.	3.7	28
66	G Protein-coupled Receptor-induced Sensitization of Phospholipase C Stimulation by Receptor Tyrosine Kinases. Journal of Biological Chemistry, 2000, 275, 32603-32610.	3.4	28
67	Monomeric G-proteins as signal transducers in airway physiology and pathophysiology. Cellular Signalling, 2008, 20, 1705-1714.	3.6	28
68	Exchange Protein Directly Activated by cAMP (EPAC) Regulates Neuronal Polarization through Rap1B. Journal of Neuroscience, 2015, 35, 11315-11329.	3.6	28
69	Interaction of the Rho-ADP-ribosylating C3 Exoenzyme with RalA. Journal of Biological Chemistry, 2002, 277, 14771-14776.	3.4	27
70	<scp>A</scp>â€kinase anchoring proteins: <scp>cAMP</scp> compartmentalization in neurodegenerative and obstructive pulmonary diseases. British Journal of Pharmacology, 2014, 171, 5603-5623.	5.4	27
71	Catecholamines facilitate VEGF-dependent angiogenesis via Î²2-adrenoceptor-induced Epac1 and PKA activation. Oncotarget, 2017, 8, 44732-44748.	1.8	27
72	Regulator of G-protein signalling 3 redirects prototypical Gi-coupled receptors from Rac1 to RhoA activation. Cellular Signalling, 2007, 19, 1229-1237.	3.6	26

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73	Characteristics of Protein-Kinase-C- and ADP-Ribosylation-Factor-Stimulated Phospholipase D Activities in Human Embryonic Kidney Cells. FEBS Journal, 1997, 248, 407-414.	0.2	25
74	B cell receptor-induced growth arrest and apoptosis in WEHI-231 immature B lymphoma cells involve cyclic AMP and Epac proteins. Cellular Signalling, 2009, 21, 609-621.	3.6	25
75	Protein kinase A and the exchange protein directly activated by cAMP (Epac) modulate phenotype plasticity in human airway smooth muscle. British Journal of Pharmacology, 2011, 164, 958-969.	5.4	25
76	Sphingosine kinase-1 inhibition protects primary rat hepatocytes against bile salt-induced apoptosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1922-1929.	3.8	25
77	Propolis reversed cigarette smoke-induced emphysema through macrophage alternative activation independent of Nrf2. Bioorganic and Medicinal Chemistry, 2017, 25, 5557-5568.	3.0	25
78	Control of cellular phosphatidylinositol 4,5-bisphosphate levels by adhesion signals and Rho GTPases in NIHâ€ƒ3T3 fibroblasts. FEBS Journal, 2000, 267, 5237-5246.	0.2	24
79	Distinct Signaling Pathways Mediate Cardiomyocyte Phospholipase D Stimulation by Endothelin-1 and Thrombin. Journal of Molecular and Cellular Cardiology, 2002, 34, 441-453.	1.9	24
80	Epac1 and Epac2 are differentially involved in inflammatory and remodeling processes induced by cigarette smoke. FASEB Journal, 2014, 28, 4617-4628.	0.5	24
81	Revealing the Virulence Potential of Clinical and Environmental Aspergillus fumigatus Isolates Using Whole-Genome Sequencing. Frontiers in Microbiology, 2019, 10, 1970.	3.5	24
82	Virodhamine and CP55,940 modulate cAMP production and IL-8 release in human bronchial epithelial cells. British Journal of Pharmacology, 2007, 151, 1041-1048.	5.4	23
83	A-kinase-anchoring proteins coordinate inflammatory responses to cigarette smoke in airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L766-L775.	2.9	23
84	Scaffolding during the cell cycle by A-kinase anchoring proteins. Pflugers Archiv European Journal of Physiology, 2015, 467, 2401-2411.	2.8	22
85	Epac1 links prostaglandin E2 to Î²-catenin-dependent transcription during epithelial-to-mesenchymal transition. Oncotarget, 2016, 7, 46354-46370.	1.8	21
86	A transcriptomics-guided drug target discovery strategy identifies receptor ligands for lung regeneration. Science Advances, 2022, 8, eabj9949.	10.3	20
87	InlBâ€mediated Listeria monocytogenes internalization requires a balanced phospholipase D activity maintained through phosphoâ€cofilin. Molecular Microbiology, 2011, 81, 860-880.	2.5	19
88	Glycogen synthase kinase-3 regulates cigarette smoke extract- and IL-1Î²-induced cytokine secretion by airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L910-L919.	2.9	19
89	Prostaglandin E₂ promotes <scp>MYCN</scp> nonâ€amplified neuroblastoma cell survival via Î²â€catenin stabilization. Journal of Cellular and Molecular Medicine, 2015, 19, 210-226.	3.6	19
90	Î²3-Adrenoceptor-mediated relaxation of rat and human urinary bladder: roles of BKCa channels and Rho kinase. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 749-759.	3.0	18

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91	Function of cAMP scaffolds in obstructive lung disease: Focus on epithelialâ€toâ€mesenchymal transition and oxidative stress. British Journal of Pharmacology, 2019, 176, 2402-2415.	5.4	18
92	Rat Î²3-adrenoceptor protein expression: antibody validation and distribution in rat gastrointestinal and urogenital tissues. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 1117-1127.	3.0	17
93	Upregulation of Epac-1 in Hepatic Stellate Cells by Prostaglandin E₂ in Liver Fibrosis Is Associated with Reduced Fibrogenesis. Journal of Pharmacology and Experimental Therapeutics, 2017, 363, 126-135.	2.5	17
94	Regulation of phospholipase C and D activities by small molecular weight G proteins and muscarinic receptors. Life Sciences, 1997, 60, 1093-1100.	4.3	16
95	Inhibition of phospholipase C-Îµ by Gi-coupled receptors. Cellular Signalling, 2004, 16, 921-928.	3.6	16
96	SK channel activation potentiates auranofin-induced cell death in glio- and neuroblastoma cells. Biochemical Pharmacology, 2020, 171, 113714.	4.4	16
97	Phosphodiesterase isoforms and cAMP compartments in the development of new therapies for obstructive pulmonary diseases. Current Opinion in Pharmacology, 2020, 51, 34-42.	3.5	16
98	A-Kinase Anchoring Proteins Diminish TGF-Î²1/Cigarette Smoke-Induced Epithelial-To-Mesenchymal Transition. Cells, 2020, 9, 356.	4.1	16
99	The PDE4 inhibitor CHF-6001 and LAMAs inhibit bronchoconstriction-induced remodeling in lung slices. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L507-L515.	2.9	15
100	Dimethyl Fumarate Attenuates Lung Inflammation and Oxidative Stress Induced by Chronic Exposure to Diesel Exhaust Particles in Mice. International Journal of Molecular Sciences, 2020, 21, 9658.	4.1	15
101	8-pCPT-conjugated cyclic AMP analogs exert thromboxane receptor antagonistic properties. Thrombosis and Haemostasis, 2010, 103, 662-676.	3.4	13
102	The microRNA-7-mediated reduction in EPAC-1 contributes to vascular endothelial permeability and eNOS uncoupling in murine experimental retinopathy. Acta Diabetologica, 2017, 54, 581-591.	2.5	13
103	Endothelial follistatinâ€likeâ€1 regulates the postnatal development of the pulmonary vasculature by modulating BMP/Smad signaling. Pulmonary Circulation, 2017, 7, 219-231.	1.7	13
104	Targeting FRET-Based Reporters for cAMP and PKA Activity Using AKAP79. Sensors, 2018, 18, 2164.	3.8	13
105	Pharmacological Inhibition of Epac1 Averts Ferroptosis Cell Death by Preserving Mitochondrial Integrity. Antioxidants, 2022, 11, 314.	5.1	13
106	Role of Transforming Growth Factor Î² in Rat Bladder Smooth Muscle Cell Proliferation. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 117-122.	2.5	12
107	Interaction between Epac1 and miRNA-7 in airway smooth muscle cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 795-797.	3.0	12
108	The novel compound Sul-121 inhibits airway inflammation and hyperresponsiveness in experimental models of chronic obstructive pulmonary disease. Scientific Reports, 2016, 6, 26928.	3.3	12

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109	Cigarette smoke exposure alters phosphodiesterases in human structural lung cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L59-L64.	2.9	12
110	Signalling components involved in the coupling of Î± 1 -adrenoceptors to phospholipase D in neonatal rat cardiac myocytes. Naunyn-Schmiedeberg's Archives of Pharmacology, 2002, 365, 468-476.	3.0	11
111	Nanodomains in cardiopulmonary disorders and the impact of air pollution. Biochemical Society Transactions, 2020, 48, 799-811.	3.4	11
112	Microtubuleâ€regulating proteins and cAMPâ€dependent signaling in neuroblastoma differentiation. Cytoskeleton, 2017, 74, 143-158.	2.0	10
113	(Endo)cannabinoids mediate different Ca2+ entry mechanisms in human bronchial epithelial cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 380, 67-77.	3.0	8
114	How Can 1 + 1 = 3? Î²2-Adrenergic and Glucocorticoid Receptor Agonist Synergism in Obstructive Airway Diseases: Fig. 1.. Molecular Pharmacology, 2011, 80, 955-958.	2.3	8
115	RhoA Activation Sensitizes Cells to Proteotoxic Stimuli by Abrogating the HSF1-Dependent Heat Shock Response. PLoS ONE, 2015, 10, e0133553.	2.5	8
116	SK channel activation is neuroprotective in conditions of enhanced ERâ€“mitochondrial coupling. Cell Death and Disease, 2018, 9, 593.	6.3	8
117	Involvement of NDPK-B in Glucose Metabolism-Mediated Endothelial Damage via Activation of the Hexosamine Biosynthesis Pathway and Suppression of O-GlcNAcase Activity. Cells, 2020, 9, 2324.	4.1	8
118	Diesel exhaust particles distort lung epithelial progenitors and their fibroblast niche. Environmental Pollution, 2022, 305, 119292.	7.5	8
119	Activin-A: active in inflammation in COPD. European Respiratory Journal, 2014, 43, 954-955.	6.7	7
120	Second M 3 muscarinic receptor binding site contributes to bronchoprotection by tiotropium. British Journal of Pharmacology, 2019, 176, 2864-2876.	5.4	7
121	Glucosamine protects against neuronal but not vascular damage in experimental diabetic retinopathy. Molecular Metabolism, 2021, 54, 101333.	6.5	7
122	PDE8: A Novel Target in Airway Smooth Muscle. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 426-427.	2.9	6
123	Elevated cAMP Protects against Diclofenac-Induced Toxicity in Primary Rat Hepatocytes: A Protective Effect Mediated by the Exchange Protein Directly Activated by cAMP/cAMP-Regulated Guanine Nucleotide Exchange Factors. Molecular Pharmacology, 2021, 99, 294-307.	2.3	6
124	Mammalian phospholipase C. Advances in Molecular and Cell Biology, 2003, 33, 431-450.	0.1	5
125	Inhibition of Rho-Kinase Abrogates Migration of Human Transitional Cell Carcinoma Cells: Results of an in vitro Study. Urologia Internationalis, 2011, 86, 220-227.	1.3	5
126	cAMP guided his way: a life for G protein-mediated signal transduction and molecular pharmacologyâ€”tribute to Karl H. Jakobs. Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 887-911.	3.0	5

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127	Role of the Ang2â€“Tie2 Axis in Vascular Damage Driven by High Glucose or Nucleoside Diphosphate Kinase B Deficiency. International Journal of Molecular Sciences, 2020, 21, 3713.	4.1	5
128	Metformin protects against diclofenac-induced toxicity in primary rat hepatocytes by preserving mitochondrial integrity via a pathway involving EPAC. Biomedicine and Pharmacotherapy, 2021, 143, 112072.	5.6	5
129	Epithelial 3D-spheroids as a tool to study air pollutant-induced lung pathology. SLAS Discovery, 2022, 27, 185-190.	2.7	5
130	Effects of (a Combination of) the Beta2-Adrenoceptor Agonist Indacaterol and the Muscarinic Receptor Antagonist Glycopyrrolate on Intrapulmonary Airway Constriction. Cells, 2021, 10, 1237.	4.1	4
131	Chapter 20 Participation of small GTP-binding proteins in m3 muscarinic acetylcholine receptor signalling to phospholipase D and C. Progress in Brain Research, 1996, 109, 209-216.	1.4	3
132	Induction of VMAT-1 and TPH-1 Expression Induces Vesicular Accumulation of Serotonin and Protects Cells and Tissue from Cooling/Rewarming Injury. PLoS ONE, 2012, 7, e30400.	2.5	2
133	Disruption of AKAP-PKA Interaction Induces Hypercontractility With Concomitant Increase in Proliferation Markers in Human Airway Smooth Muscle. Frontiers in Cell and Developmental Biology, 2020, 8, 165.	3.7	2
134	Epac And PKA Inhibit Cigarette Smoke-Induced Production Of Interleukin-8 In Airway Smooth Muscle Cells. , 2010, , .		0
135	Histone Acetyltransferases As Epigenetic Regulators Of Airway Inflammation And Steroid Resistance In Asthma. , 2011, , .		0
136	Cover Image, Volume 74, Issue 3. Cytoskeleton, 2017, 74, C4-C4.	2.0	0
137	8â€pCPTâ€Conjugated Cyclic AMP Analogs exert Thromboxane Receptor Antagonistic Properties. FASEB Journal, 2010, 24, 575.4.	0.5	0
138	Epac as a novel relaxant factor in airway smooth muscle. FASEB Journal, 2010, 24, .	0.5	0
139	Follistatinâ€like 1 enhances cigarette smokeâ€induced interleukinâ€8 secretion from human airway smooth muscle cells.. FASEB Journal, 2013, 27, 1107.10.	0.5	0
140	Aâ€kinase anchoring proteins (AKAPs) regulate airway smooth muscle secretory function. FASEB Journal, 2013, 27, 882.5.	0.5	0
141	Epac2 and PLC Îµ contribute to the inflammatory response to cigarette smoke in vivo. FASEB Journal, 2013, 27, 1107.7.	0.5	0
142	Neuroblastoma cell proliferation involves prostaglandin E2 and subsequent Î²â€catenin stabilization. FASEB Journal, 2013, 27, 1096.16.	0.5	0
143	Function and molecular regulation of WNTâ€5A expression by TGFâ€Î². FASEB Journal, 2013, 27, 729.6.	0.5	0
144	Role for Aâ€kinase anchoring proteins in cigarette smokeâ€induced barrier dysfunction. FASEB Journal, 2013, 27, 1107.6.	0.5	0

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145	Receptor Regulation of Phospholipases C and D. , 1997, , 197-209.		0
146	Eucalyptol reduced inflammation and oxidative stress on mouse lungs exposed to long and short-term cigarette smoke. , 2015, , .		0
147	Epac1 and Epac2 regulate airway smooth muscle tone in mice. , 2016, , .		0
148	Monitoring local pulmonary cAMP levels: Combining precision cut lung slice (PCLS) and fluorescence resonance energy transfer (FRET) technologies in mice. , 2016, , .		0
149	The novel compound Sul-121 inhibits inflammation in experimental models of chronic obstructive pulmonary disease. , 2016, , .		0
150	Secondary allosteric M3 receptor binding for tiotropium: implications for bronchoprotection and functional interactions with LABAs. , 2017, , .		0
151	Propolis reverts cigarette smoke-induced emphysema through macrophage alternative activation. , 2017, , .		0
152	Cigarette Smoke Upregulates PDE3 and PDE4 to Decrease cAMP in Airway Cells. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR20-4.	0.0	0
153	Airway epithelial-to-mesenchymal transition: Compartmentalized cyclic AMP. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-5-24.	0.0	0
154	Cyclic AMP compartments drive airway epithelial-to-mesenchymal transition (EMT). , 2018, , .		0
155	Metabolic escape to glycolysis through SK channel activation inhibits ferroptosis and increases the life span of C. elegans in conditions of heat stress. FASEB Journal, 2019, 33, 665.7.	0.5	0
156	A-kinase anchoring proteins diminish lung EMT induced by TGF-ÃŸ1/cigarette smoke. , 2019, , .		0
157	Cigarette smoke and diesel particles repress functional responses in lung epithelial progenitors. , 2019, , .		0
158	LSC - 2020 - Diesel Exhaust Particles-induced Dysfunctional Responses in Lung Epithelial Progenitors is mediated by oxidative stress. , 2020, , .		0
159	LSC - 2020 - Diesel exhaust particles alter mitochondrial bioenergetics in human bronchial epithelial cells. , 2020, , .		0
160	PGE2 and PGI2 restore defective lung epithelial progenitors induced by cigarette smoke. , 2020, , .		0
161	Diesel exhaust particles alter cAMP dynamics in human bronchial epithelial cells. FASEB Journal, 2022, 36, .	0.5	0