

# Albert Smolenski

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

3,177  
citations

279798

23  
h-index

454955

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

3273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic GMP-dependent Protein Kinase Signaling Pathway Inhibits RhoA-induced Ca <sup>2+</sup> Sensitization of Contraction in Vascular Smooth Muscle. <i>Journal of Biological Chemistry</i> , 2000, 275, 21722-21729.	3.4	541
2	Distinct and specific functions of cGMP-dependent protein kinases. <i>Trends in Biochemical Sciences</i> , 1997, 22, 307-312.	7.5	366
3	Analysis and Regulation of Vasodilator-stimulated Phosphoprotein Serine 239 Phosphorylation in Vitro and in Intact Cells Using a Phosphospecific Monoclonal Antibody. <i>Journal of Biological Chemistry</i> , 1998, 273, 20029-20035.	3.4	297
4	Endothelial Nitric-oxide Synthase (Type III) Is Activated and Becomes Calcium Independent upon Phosphorylation by Cyclic Nucleotide-dependent Protein Kinases. <i>Journal of Biological Chemistry</i> , 2000, 275, 5179-5187.	3.4	256
5	Novel roles of cAMP/cGMP-dependent signaling in platelets. <i>Journal of Thrombosis and Haemostasis</i> , 2012, 10, 167-176.	3.8	237
6	Membrane targeting of cGMP-dependent protein kinase is required for cystic fibrosis transmembrane conductance regulator Cl <sup>-</sup> channel activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 1466-1471.	7.1	170
7	Thrombin and Collagen Induce a Feedback Inhibitory Signaling Pathway in Platelets Involving Dissociation of the Catalytic Subunit of Protein Kinase A from an NF $\kappa$ B-I $\kappa$ B Complex. <i>Journal of Biological Chemistry</i> , 2010, 285, 18352-18363.	3.4	128
8	Functional analysis of cGMP-dependent protein kinases I and II as mediators of NO/cGMP effects. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1998, 358, 134-139.	3.0	126
9	Regulation of Human Endothelial Cell Focal Adhesion Sites and Migration by cGMP-dependent Protein Kinase I. <i>Journal of Biological Chemistry</i> , 2000, 275, 25723-25732.	3.4	115
10	COVID-19 induces a hyperactive phenotype in circulating platelets. <i>PLoS Biology</i> , 2021, 19, e3001109.	5.6	108
11	cGMP Inhibition of Na <sup>+</sup> /H <sup>+</sup> Antiporter 3 (NHE3) Requires PDZ Domain Adapter NHERF2, a Broad Specificity Protein Kinase G-anchoring Protein. <i>Journal of Biological Chemistry</i> , 2005, 280, 16642-16650.	3.4	89
12	cGMP Stimulation of Cystic Fibrosis Transmembrane Conductance Regulator Cl <sup>-</sup> Channels Co-expressed with cGMP-dependent Protein Kinase Type II but Not Type I $\beta$ . <i>Journal of Biological Chemistry</i> , 1997, 272, 4195-4200.	3.4	84
13	Effects of the NO/soluble guanylate cyclase/cGMP system on the functions of human platelets. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 76, 71-80.	2.7	77
14	Endogenous or overexpressed cGMP-dependent protein kinases inhibit cAMP-dependent renin release from rat isolated perfused kidney, microdissected glomeruli, and isolated juxtaglomerular cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 9003-9008.	7.1	72
15	The NO/cGMP pathway inhibits Rap1 activation in human platelets via cGMP-dependent protein kinase I. <i>Thrombosis and Haemostasis</i> , 2005, 93, 319-325.	3.4	56
16	Regulator of G-protein signaling 18 integrates activating and inhibitory signaling in platelets. <i>Blood</i> , 2012, 119, 3799-3807.	1.4	54
17	Endothelium-dependent and -independent relaxation and VASP serines 157/239 phosphorylation by cyclic nucleotide-elevating vasodilators in rat aorta. <i>Biochemical Pharmacology</i> , 2003, 65, 397-405.	4.4	53
18	Atrial natriuretic peptide-stimulated Ca <sup>2+</sup> reabsorption in rabbit kidney requires membrane-targeted, cGMP-dependent protein kinase type II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 6084-6089.	7.1	51

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19	Mechanical stretch up-regulates the B-type natriuretic peptide system in human cardiac fibroblasts: a possible defense against transforming growth factor- $\beta$ mediated fibrosis. <i>Fibrogenesis and Tissue Repair</i> , 2012, 5, 9.	3.4	48
20	Analysis of Protein Phosphorylation Using Phos-tag Gels. <i>Current Protocols in Protein Science</i> , 2018, 93, e64.	2.8	39
21	VASP-dependent regulation of actin cytoskeleton rigidity, cell adhesion, and detachment. <i>Histochemistry and Cell Biology</i> , 2006, 125, 457-474.	1.7	36
22	Analysis of protein phosphorylation using Phos-tag gels. <i>Journal of Proteomics</i> , 2022, 259, 104558.	2.4	33
23	Cyclic Nucleotide-dependent Protein Kinases Target ARHGAP17 and ARHGEF6 Complexes in Platelets. <i>Journal of Biological Chemistry</i> , 2015, 290, 29974-29983.	3.4	28
24	Cyclic nucleotide-dependent inhibitory signaling interweaves with activating pathways to determine platelet responses. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2018, 2, 558-571.	2.3	27
25	Quantitative analysis of the cardiac fibroblast transcriptome—implications for NO/cGMP signaling. <i>Genomics</i> , 2004, 83, 577-587.	2.9	21
26	The role of von Willebrand factor in breast cancer metastasis. <i>Translational Oncology</i> , 2021, 14, 101033.	3.7	18
27	The Cell Cycle Checkpoint System MAST(L)-ENSA/ARPP19-PP2A is Targeted by cAMP/PKA and cGMP/PKG in Anucleate Human Platelets. <i>Cells</i> , 2020, 9, 472.	4.1	16
28	Cyclic Nucleotide Dependent Dephosphorylation of Regulator of G-Protein Signaling 18 in Human Platelets. <i>PLoS ONE</i> , 2013, 8, e80251.	2.5	16
29	The RhoA regulators Myo9b and GEFH1 are targets of cyclic nucleotide-dependent kinases in platelets. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 3002-3012.	3.8	12
30	Lighting up kinase action in platelets. <i>Journal of Thrombosis and Haemostasis</i> , 2017, 15, 1484-1486.	3.8	1