Pravin B Sehgal

List of Publications by Year
in descending order

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		236612	243296
62	2,002	25	44
papers	citations	h-index	g-index

64	64	64	2419
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interleukin-6 at the Host-Tumor Interface: STAT3 in Biomolecular Condensates in Cancer Cells. Cells, 2022, 11, 1164.	1.8	10
2	Osmosensing by cytoplasmic biomolecular condensates of antiviral MxA GTPase. FASEB Journal, 2022, 36, .	0.2	0
3	Regulation | Biomolecular Condensates and Membraneless Organelles (MLOs). , 2021, , 530-541.		1
4	Metastable biomolecular condensates of interferon-inducible antiviral Mx-family GTPases: A paradigm shift in the last three years. Journal of Biosciences, 2021, 46, 1.	0.5	8
5	Biomolecular condensates in cell biology and virology: Phase-separated membraneless organelles (MLOs). Analytical Biochemistry, 2020, 597, 113691.	1.1	37
6	Murine GFP-Mx1 forms nuclear condensates and associates with cytoplasmic intermediate filaments: Novel antiviral activity against VSV. Journal of Biological Chemistry, 2020, 295, 18023-18035.	1.6	8
7	Human Antiviral Protein MxA Forms Novel Metastable Membraneless Cytoplasmic Condensates Exhibiting Rapid Reversible Tonicity-Driven Phase Transitions. Journal of Virology, 2019, 93, .	1.5	22
8	Biomolecular condensates in cancer cell biology: interleukin-6-induced cytoplasmic and nuclear STAT3/PY-STAT3 condensates in hepatoma cells. Wspolczesna Onkologia, 2019, 23, 16-22.	0.7	10
9	Interferon-Î±-induced cytoplasmic MxA structures in hepatoma Huh7 and primary endothelial cells. Wspolczesna Onkologia, 2018, 22, 86-94.	0.7	6
10	Smooth Muscle-Specific BCL6+/â^' Knockout Abrogates Sex Bias in Chronic Hypoxia-Induced Pulmonary Arterial Hypertension in Mice. International Journal of Endocrinology, 2018, 2018, 1-12.	0.6	3
11	MxA Is a Novel Regulator of Endosome-Associated Transcriptional Signaling by Bone Morphogenetic Proteins 4 and 9 (BMP4 and BMP9). PLoS ONE, 2016, 11, e0166382.	1.1	12
12	Hypothesis: Neuroendocrine Mechanisms (Hypothalamus-Growth Hormone-STAT5 Axis) Contribute to Sex Bias in Pulmonary Hypertension. Molecular Medicine, 2015, 21, 688-701.	1.9	10
13	STAT5a/b contribute to sex bias in vascular disease: A neuroendocrine perspective. Jak-stat, 2015, 4, 1-20.	2.2	4
14	Deletion of STAT5a/b in Vascular Smooth Muscle Abrogates the Male Bias in Hypoxic Pulmonary Hypertension in Mice: Implications in the Human Disease. Molecular Medicine, 2014, 20, 625-638.	1.9	14
15	Nitric oxide scavenging causes remodeling of the endoplasmic reticulum, Golgi apparatus and mitochondria in pulmonary arterial endothelial cells. Nitric Oxide - Biology and Chemistry, 2013, 33, 64-73.	1.2	16
16	Definitive evidence using enucleated cytoplasts for a nongenomic basis for the cystic change in endoplasmic reticulum structure caused by STAT5a/b siRNAs. American Journal of Physiology - Cell Physiology, 2013, 304, C312-C323.	2.1	12
17	Subcellular Mechanisms in Pulmonary Arterial Hypertension: Combinatorial Modalities that Inhibit Anterograde Trafficking and Cause Bone Morphogenetic Protein Receptor Type 2ÂMislocalization. Pulmonary Circulation, 2013, 3, 533-550.	0.8	8
18	Non-genomic STAT5-dependent effects at the endoplasmic reticulum and Golgi apparatus and STAT6-GFP in mitochondria. Jak-stat, 2013, 2, e24860.	2.2	21

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19	Live-Cell Imaging of the Association of STAT6-GFP with Mitochondria. PLoS ONE, 2013, 8, e55426.	1.1	21
20	Liveâ€cell imaging of the association of STAT6â€GFP with mitochondria. FASEB Journal, 2013, 27, 582.3.	0.2	0
21	Definitive evidence using enucleated cytoplasts for nongenomic effects of STAT5a/b siRNAs on ER structure. FASEB Journal, 2013, 27, 767.2.	0.2	0
22	Nongenomic STAT5-dependent effects on Golgi apparatus and endoplasmic reticulum structure and function. American Journal of Physiology - Cell Physiology, 2012, 302, C804-C820.	2.1	48
23	Nongenomic Functions of STAT3. , 2012, , 91-98.		5
24	Combinatorial inhibitory effects on VSVâ€GtsO45GFP trafficking in human endothelial cells due to functional haploinsufficiency of BMPRII, eNOS, STAT5a and STAT5b. FASEB Journal, 2012, 26, 873.5.	0.2	0
25	Protein Trafficking Dysfunctions: Role in the Pathogenesis of Pulmonary Arterial Hypertension. Pulmonary Circulation, 2011, 1, 17-32.	0.8	17
26	Dependence of Golgi apparatus integrity on nitric oxide in vascular cells: implications in pulmonary arterial hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H1141-H1158.	1.5	34
27	Golgi dysfunction is a common feature in idiopathic human pulmonary hypertension and vascular lesions in SHIV-nef-infected macaques. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L729-L737.	1.3	52
28	Golgi, trafficking, and mitosis dysfunctions in pulmonary arterial endothelial cells exposed to monocrotaline pyrrole and NO scavenging. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L715-L728.	1.3	27
29	Paradigm shifts in the cell biology of STAT signaling. Seminars in Cell and Developmental Biology, 2008, 19, 329-340.	2.3	111
30	Depletion of the ATPase NSF from Golgi membranes with hypo-S-nitrosylation of vasorelevant proteins in endothelial cells exposed to monocrotaline pyrrole. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1943-H1955.	1.5	18
31	Cytoplasmic provenance of STAT3 and PY-STAT3 in the endolysosomal compartments in pulmonary arterial endothelial and smooth muscle cells: implications in pulmonary arterial hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L449-L468.	1.3	25
32	Role of the TGF-Î²/Alk5 Signaling Pathway in Monocrotaline-induced Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 896-905.	2.5	130
33	Pulmonary arterial hypertension: a disease of tethers, SNAREs and SNAPs?. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H77-H85.	1.5	17
34	Live cell imaging of interleukin-6-induced targeting of â€œtranscription factorâ€•STAT3 to sequestering endosomes in the cytoplasm. American Journal of Physiology - Cell Physiology, 2007, 293, C1374-C1382.	2.1	46
35	Dysfunction of Golgi tethers, SNAREs, and SNAPs in monocrotaline-induced pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1526-L1542.	1.3	35
36	Dysfunctional Intracellular Trafficking in the Pathobiology of Pulmonary Arterial Hypertension. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 31-37.	1.4	35

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37	Aberrant cytoplasmic sequestration of eNOS in endothelial cells after monocrotaline, hypoxia, and senescence: live-cell caveolar and cytoplasmic NO imaging. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H1373-H1389.	1.5	48
38	Nondetergent Isolation of Rafts. Methods in Molecular Biology, 2007, 398, 21-28.	0.4	29
39	Monocrotaline pyrrole-induced megalocytosis of lung and breast epithelial cells: Disruption of plasma membrane and Golgi dynamics and an enhanced unfolded protein response. Toxicology and Applied Pharmacology, 2006, 211, 209-220.	1.3	31
40	Discordant regulatory changes in monocrotaline-induced megalocytosis of lung arterial endothelial and alveolar epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L1216-L1226.	1.3	16
41	Membrane-associated STAT3 and PY-STAT3 in the Cytoplasm. Journal of Biological Chemistry, 2006, 281, 7302-7308.	1.6	67
42	Cellular mechanisms in monocrotalineâ€induced megalocytosis in pulmonary hypertension. FASEB Journal, 2006, 20, A402.	0.2	0
43	Monocrotaline pyrrole-induced endothelial cell megalocytosis involves a Golgi blockade mechanism. American Journal of Physiology - Cell Physiology, 2005, 288, C850-C862.	2.1	41
44	Evaluation of amniotic fluid cytokines in preterm labor and intact membranes. Journal of Maternal-Fetal and Neonatal Medicine, 2005, 18, 241-247.	0.7	80
45	Transcriptional signaling from membrane raft-associated glucocorticoid receptor. Biochemical and Biophysical Research Communications, 2005, 336, 3-8.	1.0	17
46	Janus Kinases and Cytokine Receptors. , 2004, , 115-118.		0
47	Disruption of Endothelial-Cell Caveolin-1Î±/Raft Scaffolding During Development of Monocrotaline-Induced Pulmonary Hypertension. Circulation, 2004, 110, 1499-1506.	1.6	126
48	Different patterns of regulation of Tyr-phosphorylated STAT1 and STAT3 in human hepatoma Hep3B cells by the phosphatase inhibitor orthovanadate. Archives of Biochemistry and Biophysics, 2003, 412, 242-250.	1.4	10
49	Raft-STAT Signaling and Transcytoplasmic Trafficking. , 2003, , 247-267.		3
50	Plasma membrane rafts and chaperones in cytokine/STAT signaling.. Acta Biochimica Polonica, 2003, 50, 583-594.	0.3	51
51	Association of the Chaperone Glucose-Regulated Protein 58 (GRP58/ER-60/ERp57) with Stat3 in Cytosol and Plasma Membrane Complexes. Journal of Interferon and Cytokine Research, 2002, 22, 555-563.	0.5	89
52	Interactions of STAT3 with Caveolin-1 and Heat Shock Protein 90 in Plasma Membrane Raft and Cytosolic Complexes. Journal of Biological Chemistry, 2002, 277, 45662-45669.	1.6	102
53	Cytokine Signaling. Journal of Biological Chemistry, 2002, 277, 12067-12074.	1.6	170
54	Cytokine-induced STAT signalling through the cytoplasmic compartment. Advances in Experimental Medicine and Biology, 2001, 495, 161-168.	0.8	5

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55	STAT-signalling through the cytoplasmic compartment:. Cellular Signalling, 2000, 12, 525-535.	1.7	37
56	Cytokines Are Not a Requisite Part of the Pathophysiology Leading to Cardiacâ€ƒDecompensation. Proceedings of the Society for Experimental Biology and Medicine, 2000, 223, 47-52.	2.0	0
57	Cellular Physiology of STAT3: Where's the Cytoplasmic Monomer?. Journal of Biological Chemistry, 1999, 274, 25499-25509.	1.6	155
58	Amniotic Fluid Neuron-Specific Enolase. Obstetrics and Gynecology, 1998, 92, 546-550.	1.2	4
59	Proteasome- and p53-dependent Masking of Signal Transducer and Activator of Transcription (STAT) Factors. Journal of Biological Chemistry, 1997, 272, 4659-4662.	1.6	34
60	Modulation of Interleukin-6-induced Plasma Protein Secretion in Hepatoma Cells by p53 Species. Journal of Biological Chemistry, 1995, 270, 23159-23165.	1.6	19
61	Interleukinâ€6â€Type Cytokinesa. Annals of the New York Academy of Sciences, 1995, 762, 1-14.	1.8	32
62	Phosphorylation of interleukin-6 at serine54: An early event in the secretory pathway in human fibroblasts. Biochemical and Biophysical Research Communications, 1992, 185, 524-530.	1.0	12