Sanjukta Chakraborty

List of Publications by Year
in descending order

59 papers	1,113 citations	394421 19 h-index	414414 32 g-index
61 all docs	61 docs citations	61 times ranked	1357 citing authors

#	Article	IF	Citations
1	FGF1 Signaling Modulates Biliary Injury and Liver Fibrosis in the Mdr2â^'/â^' Mouse Model of Primary Sclerosing Cholangitis. Hepatology Communications, 2022, 6, 1574-1588.	4.3	2
2	Molecular Mechanisms Linking Risk Factors to Cholangiocarcinoma Development. Cancers, 2022, 14, 1442.	3.7	6
3	The Functional Roles of Immune Cells in Primary Liver Cancer. American Journal of Pathology, 2022, 192, 826-836.	3.8	17
4	Lipocalinâ€2 Stimulates Proliferation and a Profibrotic Cholangiocyte Phenotype during Cholestasis. FASEB Journal, 2022, 36, .	0.5	0
5	The Effects of Taurocholic Acid on Biliary Damage and Liver Fibrosis Are Mediated by Calcitonin-Gene-Related Peptide Signaling. Cells, 2022, 11, 1591.	4.1	6
6	Conjugated Bile Acids activate Reactive Oxygen Speciesâ€p90RSKâ€Vascular Endothelial Growth Factor Receptor 3 signaling axis to promote lymphangiogenesis. FASEB Journal, 2022, 36, .	0.5	0
7	Intracellular calcium dynamics of lymphatic endothelial and muscle cells co-cultured in a Lymphangion-Chip under pulsatile flow. Analyst, The, 2022, 147, 2953-2965.	3.5	2
8	Development and Characterization of Human Primary Cholangiocarcinoma Cell Lines. American Journal of Pathology, 2022, 192, 1200-1217.	3.8	6
9	Hypertensive Stimuli Indirectly Stimulate Lymphangiogenesis through Immune Cell Secreted Factors. Cells, 2022, 11, 2139.	4.1	1
10	Cholangiocarcinoma: bridging the translational gap from preclinical to clinical development and implications for future therapy. Expert Opinion on Investigational Drugs, 2021, 30, 365-375.	4.1	10
11	The Apelinâ€"Apelin Receptor Axis Triggers Cholangiocyte Proliferation and Liver Fibrosis During Mouse Models of Cholestasis. Hepatology, 2021, 73, 2411-2428.	7.3	24
12	Neuropeptide Substance P Enhances Inflammation-Mediated Tumor Signaling Pathways and Migration and Proliferation of Head and Neck Cancers. Indian Journal of Surgical Oncology, 2021, 12, 93-102.	0.7	14
13	Isolation of Lymphatic Muscle Cells (LMCs) from Rat Mesentery. Methods in Molecular Biology, 2021, 2319, 137-141.	0.9	1
14	Serotonin Induces Inflammatory Cytokine Production and Regulates Lymphatic Endothelial Cell Function. FASEB Journal, 2021, 35, .	0.5	0
15	Conjugated Bile Acids Activate Lymphangiogenic Pathways, Induce Chemokine Production and Significantly Alter Cellular Metabolism in Lymphatic Endothelial Cells. FASEB Journal, 2021, 35, .	0.5	0
16	Critical alterations in cellular bioenergetics and epithelialâ€mesenchymal transition mediated by crosstalk between tumor cells and lymphatic vasculature augments tumor progression in cholangiocarcinoma. FASEB Journal, 2021, 35, .	0.5	0
17	Quantifying Lymphatic Endothelial Cell Morphological Changes in Response to Fluid Shear Stress, Cyclic Strain, or Combined Stress and Strain In Vitro. FASEB Journal, 2021, 35, .	0.5	0
18	Identification of miR-203a, mir-10a, and miR-194 as predictors for risk of lymphovascular invasion in head and neck cancers. Oncotarget, 2021, 12, 1499-1519.	1.8	2

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19	Targeting Lymphangiogenesis and Lymph Node Metastasis in Liver Cancer. American Journal of Pathology, 2021, 191, 2052-2063.	3.8	22
20	Tumor Lymphatic Interactions Induce CXCR2-CXCL5 Axis and Alter Cellular Metabolism and Lymphangiogenic Pathways to Promote Cholangiocarcinoma. Cells, 2021, 10, 3093.	4.1	12
21	Lymphangion-chip: a microphysiological system which supports co-culture and bidirectional signaling of lymphatic endothelial and muscle cells. Lab on A Chip, 2021, 22, 121-135.	6.0	13
22	Biliary Epithelial Senescence in Liver Disease: There Will Be SASP. Frontiers in Molecular Biosciences, 2021, 8, 803098.	3.5	15
23	The Î²₁-integrin plays a key role in LEC invasion in an optimized 3-D collagen matrix model. American Journal of Physiology - Cell Physiology, 2020, 319, C1045-C1058.	4.6	12
24	Inflammatory state of lymphatic vessels and miRNA profiles associated with relapse in ovarian cancer patients. PLoS ONE, 2020, 15, e0230092.	2.5	4
25	Roles of sarcoplasmic reticulum Ca2+ ATPase pump in the impairments of lymphatic contractile activity in a metabolic syndrome rat model. Scientific Reports, 2020, 10, 12320.	3.3	14
26	Experimental validation of numerical predictions for â€œDeviantâ€•density enhancement of protein emulsions in oil (Oleo-Nanofluids). SN Applied Sciences, 2020, 2, 1.	2.9	2
27	Hypoxic tumor microenvironment: Implications for cancer therapy. Experimental Biology and Medicine, 2020, 245, 1073-1086.	2.4	49
28	CXCL11-CXCR3 Axis Mediates Tumor Lymphatic Cross Talk and Inflammation-Induced Tumor, Promoting Pathways in Head and Neck Cancers. American Journal of Pathology, 2020, 190, 900-915.	3.8	26
29	Sex Differences in Sepsis Survival Involve Effects of Gonadal Steroid Hormones. FASEB Journal, 2020, 34, 1-1.	0.5	0
30	Inflammation and Progression of Cholangiocarcinoma: Role of Angiogenic and Lymphangiogenic Mechanisms. Frontiers in Medicine, 2019, 6, 293.	2.6	38
31	Abstract B174: Co-expression of stimulators and inhibitors of T-cell activation in melanoma. , 2019, , .		0
32	Abstract 3946: Tumor checkpoint inhibitor profiling for an optimal clinical response. , 2019, , .		0
33	Insulin resistance disrupts cell integrity, mitochondrial function, and inflammatory signaling in lymphatic endothelium. Microcirculation, 2018, 25, e12492.	1.8	18
34	A study of different cylindrical thin-shell wormholes with a newly introduced stability criterion. European Physical Journal Plus, 2018, 133, 1.	2.6	0
35	SUBSTANCE P REGULATES INFLAMMATORY PATHWAYS IN LYMPHATIC MUSCLE. FASEB Journal, 2018, 32, 576.6.	0.5	0
36	Citrus nomilin down-regulates TNF-Î±-induced proliferation of aortic smooth muscle cells via apoptosis and inhibition of IÎºB. European Journal of Pharmacology, 2017, 811, 93-100.	3.5	8

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37	Hyperglycemiaâ€•and hyperinsulinemiaâ€induced insulin resistance causes alterations in cellular bioenergetics and activation of inflammatory signaling in lymphatic muscle. FASEB Journal, 2017, 31, 2744-2759.	0.5	51
38	Macrophage alterations within the mesenteric lymphatic tissue are associated with impairment of lymphatic pump in metabolic syndrome. Microcirculation, 2016, 23, 558-570.	1.8	33
39	Lipopolysaccharide modulates neutrophil recruitment and macrophage polarization on lymphatic vessels and impairs lymphatic function in rat mesentery. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H2042-H2057.	3.2	46
40	MicroRNA signature of inflamed lymphatic endothelium and role of miR-9 in lymphangiogenesis and inflammation. American Journal of Physiology - Cell Physiology, 2015, 309, C680-C692.	4.6	53
41	Emerging trends in the pathophysiology of lymphatic contractile function. Seminars in Cell and Developmental Biology, 2015, 38, 55-66.	5.0	61
42	PKC activation increases Ca²⁺sensitivity of permeabilized lymphatic muscle via myosin light chain 20 phosphorylation-dependent and -independent mechanisms. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H674-H683.	3.2	26
43	Lymphatic Filariasis: Perspectives on Lymphatic Remodeling and Contractile Dysfunction in Filarial Disease Pathogenesis. Microcirculation, 2013, 20, 349-364.	1.8	58
44	Immune cell mediated regulation of lymphatic contractility during inflammation. FASEB Journal, 2013, 27, 1131.17.	0.5	0
45	LPS mediated decreases in immune cells recruitment on or near lymphatics impairs lymphatic contractility. FASEB Journal, 2013, 27, 681.5.	0.5	2
46	TNFâ€Î± mediated regulation of myosin light chain 20 phosphorylation in lymphatic muscle. FASEB Journal, 2012, 26, 677.6.	0.5	0
47	Fibronectin increases the force production of mouse papillary muscles via Î±5Î²1 integrin. Journal of Molecular and Cellular Cardiology, 2011, 50, 203-213.	1.9	12
48	Substance P Activates Both Contractile and Inflammatory Pathways in Lymphatics Through the Neurokinin Receptors NK1R and NK3R. Microcirculation, 2011, 18, 24-35.	1.8	35
49	Differential effects of myosin light chain kinase inhibition on contractility, force development and myosin light chain 20 phosphorylation of rat cervical and thoracic duct lymphatics. Journal of Physiology, 2011, 589, 5415-5429.	2.9	34
50	Role of nomilin in regulation of inflammatory pathways potentiated by Substance P and TNFâ€alpha in cardiovascular cells. FASEB Journal, 2011, 25, lb489.	0.5	1
51	Gene Expression Profiling of Oral Squamous Cell Carcinoma by Differential Display RT-PCR and Identification of Tumor Biomarkers. Indian Journal of Surgical Oncology, 2010, 1, 284-293.	0.7	13
52	Analysis of long-term culture properties and pluripotent character of two sibling human embryonic stem cell lines derived from discarded embryos. In Vitro Cellular and Developmental Biology - Animal, 2010, 46, 200-205.	1.5	22
53	Lymphatic system: a vital link between metabolic syndrome and inflammation. Annals of the New York Academy of Sciences, 2010, 1207, E94-102.	3.8	59
54	Substance P activates both inflammatory and contractile signaling pathways in the lymphatics through neurokinin receptors. FASEB Journal, 2010, 24, 777.15.	0.5	0

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55	Development of siRNA strategy to knockdown the regulatory contractile proteins in lymphatic muscle. FASEB Journal, 2010, 24, lb678.	0.5	0
56	Inhibition of myosin light chain phosphorylation decreases rat mesenteric lymphatic contractile activity. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H726-H734.	3.2	61
57	Involvement of TSC genes and differential expression of other members of the mTOR signaling pathway in oral squamous cell carcinoma. BMC Cancer, 2008, 8, 163.	2.6	92
58	Identification of genes associated with tumorigenesis of retinoblastoma by microarray analysis. Genomics, 2007, 90, 344-353.	2.9	100
59	Identification of genes associated with tumorigenesis of meibomian cell carcinoma by microarray analysis. Genomics, 2007, 90, 559-566.	2.9	30