

Sayantana Jana

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

654
citations

759233

12
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1054
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular matrix, regional heterogeneity of the aorta, and aortic aneurysm. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-15.	7.7	116
2	Regulation of Matrix Metalloproteinase-2 Activity by COX-2-PGE2-pAKT Axis Promotes Angiogenesis in Endometriosis. <i>PLoS ONE</i> , 2016, 11, e0163540.	2.5	80
3	Curcumin as anti-endometriotic agent: Implication of MMP-3 and intrinsic apoptotic pathway. <i>Biochemical Pharmacology</i> , 2012, 83, 797-804.	4.4	62
4	Matrix metalloproteinases and gastrointestinal cancers: Impacts of dietary antioxidants. <i>World Journal of Biological Chemistry</i> , 2014, 5, 355.	4.3	61
5	Neuro-protective role of nanocapsulated curcumin against cerebral ischemia-reperfusion induced oxidative injury. <i>Brain Research</i> , 2019, 1704, 164-173.	2.2	50
6	EGFR-mediated matrix metalloproteinase-7 up-regulation promotes epithelial-mesenchymal transition via ERK1/2/AP1 axis during ovarian endometriosis progression. <i>FASEB Journal</i> , 2018, 32, 4560-4572.	0.5	48
7	Vitamin E alleviates non-alcoholic fatty liver disease in phosphatidylethanolamine N-methyltransferase deficient mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 14-25.	3.8	42
8	ADAM (a Disintegrin and Metalloproteinase) 15 Deficiency Exacerbates Ang II (Angiotensin II)-Induced Aortic Remodeling Leading to Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1918-1934.	2.4	31
9	Disparate Remodeling of the Extracellular Matrix and Proteoglycans in Failing Pediatric Versus Adult Hearts. <i>Journal of the American Heart Association</i> , 2018, 7, e010427.	3.7	27
10	The Non-Fibrillar Side of Fibrosis: Contribution of the Basement Membrane, Proteoglycans, and Glycoproteins to Myocardial Fibrosis. <i>Journal of Cardiovascular Development and Disease</i> , 2019, 6, 35.	1.6	25
11	Tamarixetin 3-O-β-D-Glucopyranoside from <i>Azadirachta indica</i> Leaves: Gastroprotective Role through Inhibition of Matrix Metalloproteinase-9 Activity in Mice. <i>Journal of Natural Products</i> , 2017, 80, 1347-1353.	3.0	23
12	Curcumin delays endometriosis development by inhibiting MMP-2 activity. <i>Indian Journal of Biochemistry and Biophysics</i> , 2012, 49, 342-8.	0.0	21
13	Mesoporous silica for drug delivery: Interactions with model fluorescent lipid vesicles and live cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 19-26.	3.8	11
14	Loss of TIMP4 (Tissue Inhibitor of Metalloproteinase 4) Promotes Atherosclerotic Plaque Deposition in the Abdominal Aorta Despite Suppressed Plasma Cholesterol Levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1874-1889.	2.4	10
15	Disintegrin and metalloproteinases (ADAMs and ADAM-TSs), the emerging family of proteases in heart physiology and pathology. <i>Current Opinion in Physiology</i> , 2018, 1, 34-45.	1.8	9
16	ADAM15 is required for optimal collagen cross-linking and scar formation following myocardial infarction. <i>Matrix Biology</i> , 2022, 105, 127-143.	3.6	9
17	Transcriptomic Bioinformatic Analyses of Atria Uncover Involvement of Pathways Related to Strain and Post-translational Modification of Collagen in Increased Atrial Fibrillation Vulnerability in Intensely Exercised Mice. <i>Frontiers in Physiology</i> , 2020, 11, 605671.	2.8	8
18	Gelsolin is an important mediator of Angiotensin II-induced activation of cardiac fibroblasts and fibrosis. <i>FASEB Journal</i> , 2021, 35, e21932.	0.5	8

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19	Triumph and tumult of matrix metalloproteinases and their crosstalk with eicosanoids in cancer. <i>Cancer and Metastasis Reviews</i> , 2018, 37, 279-288.	5.9	7
20	Inhibition of extracellular vesicle-associated MMP2 abrogates intercellular hepatic miR-122 transfer to liver macrophages and curtails inflammation. <i>IScience</i> , 2021, 24, 103428.	4.1	6
21	Matrix Metalloproteinases. , 2018, , 3005-3013.		0
22	LOXury of inhibiting fibrosis in volume overload cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H629-H631.	3.2	0
23	Matrix Metalloproteinases. , 2016, , 1-9.		0