

# Samik Bindu

## List of Publications by Year in descending order

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25  
papers

2,154  
citations

304743

22  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2990  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-steroidal anti-inflammatory drugs (NSAIDs) and organ damage: A current perspective. <i>Biochemical Pharmacology</i> , 2020, 180, 114147.	4.4	672
2	SIRT3 Blocks Aging-Associated Tissue Fibrosis in Mice by Deacetylating and Activating Glycogen Synthase Kinase 3 $\beta$ . <i>Molecular and Cellular Biology</i> , 2016, 36, 678-692.	2.3	150
3	Sirt3 protects mitochondrial DNA damage and blocks the development of doxorubicin-induced cardiomyopathy in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H962-H972.	3.2	114
4	Indomethacin, a Non-steroidal Anti-inflammatory Drug, Develops Gastropathy by Inducing Reactive Oxygen Species-mediated Mitochondrial Pathology and Associated Apoptosis in Gastric Mucosa. <i>Journal of Biological Chemistry</i> , 2009, 284, 3058-3068.	3.4	111
5	Translocation of Heme Oxygenase-1 to Mitochondria Is a Novel Cytoprotective Mechanism against Non-steroidal Anti-inflammatory Drug-induced Mitochondrial Oxidative Stress, Apoptosis, and Gastric Mucosal Injury. <i>Journal of Biological Chemistry</i> , 2011, 286, 39387-39402.	3.4	93
6	Gallic acid prevents nonsteroidal anti-inflammatory drug-induced gastropathy in rat by blocking oxidative stress and apoptosis. <i>Free Radical Biology and Medicine</i> , 2010, 49, 258-267.	2.9	91
7	Novel Anti-inflammatory Activity of Epoxyazadiradione against Macrophage Migration Inhibitory Factor. <i>Journal of Biological Chemistry</i> , 2012, 287, 24844-24861.	3.4	83
8	Identification and molecular characterization of an Alba-family protein from human malaria parasite <i>Plasmodium falciparum</i> . <i>Nucleic Acids Research</i> , 2012, 40, 1174-1190.	14.5	81
9	Melatonin reduces indomethacin-induced gastric mucosal cell apoptosis by preventing mitochondrial oxidative stress and the activation of mitochondrial pathway of apoptosis. <i>Journal of Pineal Research</i> , 2009, 46, 314-323.	7.4	74
10	Malarial infection develops mitochondrial pathology and mitochondrial oxidative stress to promote hepatocyte apoptosis. <i>Free Radical Biology and Medicine</i> , 2009, 46, 271-281.	2.9	71
11	Impact of Intravascular Hemolysis in Malaria on Liver Dysfunction. <i>Journal of Biological Chemistry</i> , 2012, 287, 26630-26646.	3.4	70
12	SIRT3 blocks myofibroblast differentiation and pulmonary fibrosis by preventing mitochondrial DNA damage. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L68-L78.	2.9	70
13	Indomethacin impairs mitochondrial dynamics by activating the PKC $\delta$ -p38 $\beta$ -DRP1 pathway and inducing apoptosis in gastric cancer and normal mucosal cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 8238-8258.	3.4	61
14	Role of Sirtuins in Regulating Pathophysiology of the Heart. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 563-573.	7.1	60
15	Nonsteroidal anti-inflammatory drug induces proinflammatory damage in gastric mucosa through NF- $\kappa$ B activation and neutrophil infiltration: Anti-inflammatory role of heme oxygenase-1 against nonsteroidal anti-inflammatory drug. <i>Free Radical Biology and Medicine</i> , 2013, 65, 456-467.	2.9	58
16	Lansoprazole Protects and Heals Gastric Mucosa from Non-steroidal Anti-inflammatory Drug (NSAID)-induced Gastropathy by Inhibiting Mitochondrial as Well as Fas-mediated Death Pathways with Concurrent Induction of Mucosal Cell Renewal. <i>Journal of Biological Chemistry</i> , 2008, 283, 14391-14401.	3.4	51
17	Novel antimalarial drug targets: hope for new antimalarial drugs. <i>Expert Review of Clinical Pharmacology</i> , 2009, 2, 469-489.	3.1	41
18	Sirtuins as endogenous regulators of lung fibrosis: A current perspective. <i>Life Sciences</i> , 2020, 258, 118201.	4.3	37

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19	Aryl aryl methyl thio arenes prevent multidrug-resistant malaria in mouse by promoting oxidative stress in parasites. <i>Free Radical Biology and Medicine</i> , 2012, 53, 129-142.	2.9	35
20	Engulfment pathways promote programmed cell death by enhancing the unequal segregation of apoptotic potential. <i>Nature Communications</i> , 2015, 6, 10126.	12.8	34
21	Synthesis and bio-evaluation of human macrophage migration inhibitory factor inhibitor to develop anti-inflammatory agent. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 7365-7373.	3.0	26
22	Tryptamine-Gallic Acid Hybrid Prevents Non-steroidal Anti-inflammatory Drug-induced Gastropathy. <i>Journal of Biological Chemistry</i> , 2012, 287, 3495-3509.	3.4	23
23	Cysteine-3 and cysteine-4 are essential for the thioredoxin-like oxidoreductase and antioxidant activities of <i>Plasmodium falciparum</i> macrophage migration inhibitory factor. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1659-1668.	2.9	21
24	Association of Heme Oxygenase 1 with the Restoration of Liver Function after Damage in Murine Malaria by <i>Plasmodium yoelii</i> . <i>Infection and Immunity</i> , 2014, 82, 3113-3126.	2.2	16
25	Emerging role of mitochondrial DAMPs, aberrant mitochondrial dynamics and anomalous mitophagy in gut mucosal pathogenesis. <i>Life Sciences</i> , 2022, 305, 120753.	4.3	4