

Saisudha Koka

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,315
citations

257450

24
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

2187
citing authors

#	ARTICLE	IF	CITATIONS
1	Liver cell death and anemia in Wilson disease involve acid sphingomyelinase and ceramide. <i>Nature Medicine</i> , 2007, 13, 164-170.	30.7	406
2	Regulation of erythrocyte survival by AMP-activated protein kinase. <i>FASEB Journal</i> , 2009, 23, 1072-1080.	0.5	180
3	Suicide for Survival - Death of Infected Erythrocytes as a Host Mechanism to Survive Malaria. <i>Cellular Physiology and Biochemistry</i> , 2009, 24, 133-140.	1.6	155
4	TRPC6 Contributes to the Ca ²⁺ Leak of Human Erythrocytes. <i>Cellular Physiology and Biochemistry</i> , 2008, 21, 183-192.	1.6	153
5	Anemia and splenomegaly in cGKI-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6771-6776.	7.1	135
6	Mammalian Target of Rapamycin (mTOR) Inhibition with Rapamycin Improves Cardiac Function in Type 2 Diabetic Mice. <i>Journal of Biological Chemistry</i> , 2014, 289, 4145-4160.	3.4	130
7	Accelerated Clearance of Plasmodium-infected Erythrocytes in Sickle Cell Trait and Annexin-A7 Deficiency. <i>Cellular Physiology and Biochemistry</i> , 2009, 24, 415-428.	1.6	128
8	Long-Acting Phosphodiesterase-5 Inhibitor Tadalafil Attenuates Doxorubicin-Induced Cardiomyopathy without Interfering with Chemotherapeutic Effect. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 1023-1030.	2.5	93
9	Influence of NO Synthase Inhibitor L-NAME on Parasitemia and Survival of <i>Plasmodium berghei</i> Infected Mice. <i>Cellular Physiology and Biochemistry</i> , 2008, 21, 481-488.	1.6	78
10	Chronic inhibition of phosphodiesterase 5 with tadalafil attenuates mitochondrial dysfunction in type 2 diabetic hearts: potential role of NO/SIRT1/PGC-1 α signaling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1558-H1568.	3.2	76
11	Influence of Paclitaxel on Parasitemia and Survival of <i>Plasmodium berghei</i> Infected Mice. <i>Cellular Physiology and Biochemistry</i> , 2009, 23, 191-198.	1.6	75
12	Phosphodiesterase-5 inhibitor tadalafil attenuates oxidative stress and protects against myocardial ischemia/reperfusion injury in type 2 diabetic mice. <i>Free Radical Biology and Medicine</i> , 2013, 60, 80-88.	2.9	72
13	Inhibition of suicidal erythrocyte death by nitric oxide. <i>Pflugers Archiv European Journal of Physiology</i> , 2008, 456, 293-305.	2.8	67
14	Influence of Amitriptyline on Eryptosis, Parasitemia and Survival of <i>Plasmodium Berghei</i> -Infected Mice. <i>Cellular Physiology and Biochemistry</i> , 2008, 22, 405-412.	1.6	60
15	Iron deficiency influences the course of malaria in <i>Plasmodium berghei</i> infected mice. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 608-614.	2.1	59
16	Influence of Chlorpromazine on Eryptosis, Parasitemia and Survival of <i>Plasmodium berghei</i> Infected Mice. <i>Cellular Physiology and Biochemistry</i> , 2008, 22, 261-268.	1.6	59
17	Lead decreases parasitemia and enhances survival of <i>Plasmodium berghei</i> -infected mice. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 484-489.	2.1	57
18	Emerging new uses of phosphodiesterase-5 inhibitors in cardiovascular diseases. <i>Experimental and Clinical Cardiology</i> , 2011, 16, e30-5.	1.3	40

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19	Instigation of NLRP3 inflammasome activation and glomerular injury in mice on the high fat diet: role of acid sphingomyelinase gene. <i>Oncotarget</i> , 2016, 7, 19031-19044.	1.8	37
20	Targeting glutathione by dimethylfumarate protects against experimental malaria by enhancing erythrocyte cell membrane scrambling. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C791-C804.	4.6	35
21	Sphingolipids in obesity and related complications. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 96-116.	3.0	35
22	Accelerated suicidal erythrocyte death in Klotho-deficient mice. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 458, 503-512.	2.8	32
23	Chronic treatment with long acting phosphodiesterase-5 inhibitor tadalafil alters proteomic changes associated with cytoskeletal rearrangement and redox regulation in Type 2 diabetic hearts. <i>Basic Research in Cardiology</i> , 2012, 107, 249.	5.9	29
24	Enhanced susceptibility to suicidal death of erythrocytes from transgenic mice overexpressing erythropoietin. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1127-R1134.	1.8	28
25	Effect of cyclosporine on parasitemia and survival of <i>Plasmodium berghei</i> infected mice. <i>Biochemical and Biophysical Research Communications</i> , 2008, 376, 494-498.	2.1	21
26	Functional significance of the intermediate conductance Ca ²⁺ -activated K ⁺ channel for the short-term survival of injured erythrocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2010, 460, 1029-1044.	2.8	19
27	Attenuation of Doxorubicin-induced Cardiotoxicity by Tadalafil: A Long Acting Phosphodiesterase-5 Inhibitor. <i>Molecular and Cellular Pharmacology</i> , 2010, 2, 173-178.	1.7	18
28	Azathioprine favourably influences the course of malaria. <i>Malaria Journal</i> , 2009, 8, 102.	2.3	16
29	Chronic inhibition of phosphodiesterase 5 with tadalafil affords cardioprotection in a mouse model of metabolic syndrome: role of nitric oxide. <i>Molecular and Cellular Biochemistry</i> , 2020, 468, 47-58.	3.1	12
30	Reduced Ca ²⁺ entry and suicidal death of erythrocytes in PDK1 hypomorphic mice. <i>Pflugers Archiv European Journal of Physiology</i> , 2008, 455, 939-949.	2.8	8
31	Rebuttal to letter to the editor on effect of cyclosporine on parasitemia and survival of <i>Plasmodium berghei</i> -infected mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 680-681.	2.1	1
32	Phosphodiesterase-5 Inhibition with Tadalafil Attenuates Left Ventricular Dysfunction and Cardiomyocyte Apoptosis in Doxorubicin-Induced Cardiotoxicity in Mice. <i>FASEB Journal</i> , 2010, 24, 785-10.	0.5	1
33	Phosphodiesterase-5 Inhibitors in Protection Against Doxorubicin-Induced Cardiomyopathy. , 2011, , 243-255.		0
34	PDE-5 Inhibitors in Protection of Diabetic Heart. , 2014, , 323-338.		0