

Shasi V Kalivendi

List of Publications by Year in descending order

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30
papers

1,751
citations

304743

22
h-index

454955

30
g-index

30
all docs

30
docs citations

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times ranked

2777
citing authors

#	ARTICLE	IF	CITATIONS
1	Supplementation of Endothelial Cells with Mitochondria-targeted Antioxidants Inhibit Peroxide-induced Mitochondrial Iron Uptake, Oxidative Damage, and Apoptosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 37575-37587.	3.4	215
2	Doxorubicin-induced Apoptosis Is Associated with Increased Transcription of Endothelial Nitric-oxide Synthase. <i>Journal of Biological Chemistry</i> , 2001, 276, 47266-47276.	3.4	189
3	Doxorubicin activates nuclear factor of activated T-lymphocytes and Fas ligand transcription: role of mitochondrial reactive oxygen species and calcium. <i>Biochemical Journal</i> , 2005, 389, 527-539.	3.7	167
4	Neuroprotection by a mitochondria-targeted drug in a Parkinson's disease model. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1674-1684.	2.9	153
5	Î±-Synuclein Up-regulation and Aggregation during MPP ⁺ -induced Apoptosis in Neuroblastoma Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 15240-15247.	3.4	119
6	1-Methyl-4-phenylpyridinium (MPP ⁺)-induced apoptosis and mitochondrial oxidant generation: role of transferrin-receptor-dependent iron and hydrogen peroxide. <i>Biochemical Journal</i> , 2003, 371, 151-164.	3.7	114
7	Design and Synthesis of Resveratrol-Based Nitrovinylstilbenes as Antimitotic Agents. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6751-6760.	6.4	81
8	2-Anilinonicotinyl linked 1,3,4-oxadiazole derivatives: Synthesis, antitumour activity and inhibition of tubulin polymerization. <i>MedChemComm</i> , 2011, 2, 819.	3.4	74
9	The deglycase activity of DJ-1 mitigates Î±-synuclein glycation and aggregation in dopaminergic cells: Role of oxidative stress mediated downregulation of DJ-1 in Parkinson's disease. <i>Free Radical Biology and Medicine</i> , 2019, 135, 28-37.	2.9	61
10	Activation of p38/JNK Pathway Is Responsible for Embelin Induced Apoptosis in Lung Cancer Cells: Transitional Role of Reactive Oxygen Species. <i>PLoS ONE</i> , 2014, 9, e87050.	2.5	59
11	Regulation of PSMB5 Protein and Î² Subunits of Mammalian Proteasome by Constitutively Activated Signal Transducer and Activator of Transcription 3 (STAT3). <i>Journal of Biological Chemistry</i> , 2014, 289, 12612-12622.	3.4	59
12	Changes in tetrahydrobiopterin levels in endothelial cells and adult cardiomyocytes induced by LPS and hydrogen peroxide—A role for GFRP?. <i>Free Radical Biology and Medicine</i> , 2005, 38, 481-491.	2.9	44
13	Bicarbonate enhances alpha-synuclein oligomerization and nitration: intermediacy of carbonate radical anion and nitrogen dioxide radical. <i>Biochemical Journal</i> , 2004, 378, 435-447.	3.7	43
14	Oxidants induce alternative splicing of Î±-synuclein: Implications for Parkinson's disease. <i>Free Radical Biology and Medicine</i> , 2010, 48, 377-383.	2.9	43
15	Embelin averts MPTP-induced dysfunction in mitochondrial bioenergetics and biogenesis via activation of SIRT1. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2020, 1861, 148157.	1.0	38
16	Synthesis and Antitumor Evaluation of Nitrovinyl Biphenyls: Anticancer Agents Based on Alcolchicines. <i>ChemMedChem</i> , 2011, 6, 859-868.	3.2	37
17	Synthesis and structure-activity relationships of pyridinyl-1H-1,2,3-triazolyldihydroisoxazoles as potent inhibitors of tubulin polymerization. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 603-619.	5.5	33
18	The unintended mitochondrial uncoupling effects of the FDA-approved anti-helminth drug nitazoxanide mitigates experimental parkinsonism in mice. <i>Journal of Biological Chemistry</i> , 2017, 292, 15731-15743.	3.4	29

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19	Design and synthesis of biaryl aryl stilbenes/ethylenes as α -antimicrotubule agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 60, 305-324.	5.5	28
20	Synthesis and biological evaluation of cinnamido linked pyrrolo[2,1-c][1,4]benzodiazepines as antimetabolic agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3870-3884.	5.5	26
21	NOD2 activation induces oxidative stress contributing to mitochondrial dysfunction and insulin resistance in skeletal muscle cells. <i>Free Radical Biology and Medicine</i> , 2015, 89, 158-169.	2.9	26
22	Three-component, one-pot synthesis of hexahydroazepino[3,4-b]indole and tetrahydro-1H-pyrido[3,4-b]indole derivatives and evaluation of their cytotoxicity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4501-4503.	2.2	24
23	Synthesis and Biological evaluation of novel 4-[(5-substituted)-1,2,3,4-tetrazolyl] podophyllotoxins as anticancer compounds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2860-2863.	2.2	19
24	The Chaperone-Like Activity of α -Synuclein Attenuates Aggregation of Its Alternatively Spliced Isoform, 112-Synuclein In Vitro: Plausible Cross-Talk between Isoforms in Protein Aggregation. <i>PLoS ONE</i> , 2014, 9, e98657.	2.5	18
25	Enantioselective 1,4-addition of kojic acid derivatives to α -nitroolefins catalyzed by a cinchonine derived sugar thiourea. <i>RSC Advances</i> , 2014, 4, 9107.	3.6	17
26	Identification of an Alternatively Spliced α -Synuclein Isoform That Generates a 41-Amino Acid N-Terminal Truncated Peptide, 41-syn: Role in Dopamine Homeostasis. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2948-2958.	3.5	12
27	A short and highly convergent approach for the synthesis of rutaecarpine derivatives. <i>RSC Advances</i> , 2015, 5, 27476-27480.	3.6	10
28	Extracellular-Signal-Regulated Kinase Inhibition Switches APP Processing from β - to α -Secretase under Oxidative Stress: Modulation of ADAM10 by SIRT1/NF- κ B Signaling. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4175-4186.	3.5	7
29	The mitochondrial effects of embelin are independent of its MAP kinase regulation: Role of p53 in conferring selectivity towards cancer cells. <i>Mitochondrion</i> , 2019, 46, 158-163.	3.4	4
30	Identification of RBMX as a splicing regulator in Parkinsonian mimetic induced alternative splicing of α -synuclein. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2022, 1865, 194825.	1.9	2