

Varun Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

318
citations

1040056

9
h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

430
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultraviolet A light induces DNA damage and estrogen-DNA adducts in Fuchs endothelial corneal dystrophy causing females to be more affected. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 573-583.	7.1	71
2	A Proposed Biosynthetic Pathway of Picrosides Linked through the Detection of Biochemical Intermediates in the Endangered Medicinal Herb <i>Picrorhiza kurroa</i> . Phytochemical Analysis, 2013, 24, 598-602.	2.4	35
3	Activation of PINK1-Parkin Mediated Mitophagy Degrades Mitochondrial Quality Control Proteins in Fuchs Endothelial Corneal Dystrophy. American Journal of Pathology, 2019, 189, 2061-2076.	3.8	33
4	Increased ER Stress After Experimental Ischemic Optic Neuropathy and Improved RGC and Oligodendrocyte Survival After Treatment With Chemical Chaperon. , 2019, 60, 1953.		22
5	Mitochondrial Dysfunction and Mitophagy in Fuchs Endothelial Corneal Dystrophy. Cells, 2021, 10, 1888.	4.1	19
6	Loss of NQO1 generates genotoxic estrogen-DNA adducts in Fuchs Endothelial Corneal Dystrophy. Free Radical Biology and Medicine, 2020, 147, 69-79.	2.9	17
7	Systemic hypoxia led to little retinal neuronal loss and dramatic optic nerve glial response. Experimental Eye Research, 2020, 193, 107957.	2.6	17
8	Cell cycle re-entry and arrest in G2/M phase induces senescence and fibrosis in Fuchs Endothelial Corneal Dystrophy. Free Radical Biology and Medicine, 2021, 164, 34-43.	2.9	15
9	Feasibility and Safety of Low-Dose Intra-Coronary Tenecteplase During Primary Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction (ICE T-TIMI 49). American Journal of Cardiology, 2020, 125, 485-490.	1.6	12
10	Crystallographic Insights into the Synthesis and Magnetic Properties of Oxoverdazyl Radicals Functionalized by Benzoic Acid. European Journal of Inorganic Chemistry, 2018, 2018, 517-524.	2.0	10
11	Phenylalanine treatment generates scent in flowers by increased production of phenylpropanoid-benzenoid volatiles. Postharvest Biology and Technology, 2021, 181, 111657.	6.0	9
12	Large-Volume Barium Aspiration. Baylor University Medical Center Proceedings, 2015, 28, 183-184.	0.5	8
13	A Small Molecule TrkB Neurotrophin Receptor Partial Agonist as Possible Treatment for Experimental Nonarteritic Anterior Ischemic Optic Neuropathy. Current Eye Research, 2018, 43, 1489-1499.	1.5	8
14	Metabolic Engineering Strategy Enables a Hundred-Fold Increase in Viniferin Levels in <i>Vitis vinifera</i> cv. Gamay Red Cell Culture. Journal of Agricultural and Food Chemistry, 2021, 69, 3124-3133.	5.2	8
15	[2 + 2] Photodimerization of Sulfonate Derivative of <i>trans</i> -Cinnamic Acid: Kinetics Study Using Solid State ¹³ C NMR and Hybrid Material Inclusion. Crystal Growth and Design, 2020, 20, 7850-7861.	3.0	7
16	Iron(ii) coordination pyrazole complexes with aromatic sulfonate ligands: the role of ether. New Journal of Chemistry, 2020, 44, 13902-13912.	2.8	7
17	Understanding Retinal Changes after Stroke. Open Journal of Ophthalmology, 2017, 07, 281-292.	0.3	7
18	A Synchronized Increase of Stilbenes and Flavonoids in Metabolically Engineered <i>Vitis vinifera</i> cv. Gamay Red Cell Culture. Journal of Agricultural and Food Chemistry, 2021, 69, 7922-7931.	5.2	6

#	ARTICLE	IF	CITATIONS
19	Exploring the coordination abilities of 1,5-diisopropyl-3-(4-carboxyphenyl)-6-oxoverdazyl. Comptes Rendus Chimie, 2019, 22, 541-548.	0.5	4
20	Eye is the Window to the Brain Pathology. Current Advances in Ophthalmology, 2018, 1, 3-4.	1.0	2
21	Endoplasmic Reticulum-Mitochondrial Cross-Talk in Neurodegenerative and Eye Diseases. , 2019, 11, 864-873.		1
22	Newer Pharmaceutical Agents for STEMI Interventions. Interventional Cardiology Clinics, 2012, 1, 429-440.	0.4	0
23	Cost-Effective Medicines for Stroke Prophylaxis in Patients with Atrial Fibrillation. Journal of Atrial Fibrillation, 2012, 5, 470.	0.5	0