

# 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	Cell cycle re-entry and arrest in G2/M phase induces senescence and fibrosis in Fuchs Endothelial Corneal Dystrophy. <i>Free Radical Biology and Medicine</i> , 2021, 164, 34-43.	2.9	15
2	Metabolic Engineering Strategy Enables a Hundred-Fold Increase in Viniferin Levels in <i>Vitis vinifera</i> cv. Gamay Red Cell Culture. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3124-3133.	5.2	8
3	Mitochondrial Dysfunction and Mitophagy in Fuchs Endothelial Corneal Dystrophy. <i>Cells</i> , 2021, 10, 1888.	4.1	19
4	A Synchronized Increase of Stilbenes and Flavonoids in Metabolically Engineered <i>Vitis vinifera</i> cv. Gamay Red Cell Culture. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7922-7931.	5.2	6
5	Phenylalanine treatment generates scent in flowers by increased production of phenylpropanoid-benzenoid volatiles. <i>Postharvest Biology and Technology</i> , 2021, 181, 111657.	6.0	9
6	Loss of NQO1 generates genotoxic estrogen-DNA adducts in Fuchs Endothelial Corneal Dystrophy. <i>Free Radical Biology and Medicine</i> , 2020, 147, 69-79.	2.9	17
7	Ultraviolet A light induces DNA damage and estrogen-DNA adducts in Fuchs endothelial corneal dystrophy causing females to be more affected. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 573-583.	7.1	71
8	Feasibility and Safety of Low-Dose Intra-Coronary Tenecteplase During Primary Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction (ICE T-TIMI 49). <i>American Journal of Cardiology</i> , 2020, 125, 485-490.	1.6	12
9	[2 + 2] Photodimerization of Sulfonate Derivative of <i>trans</i> -Cinnamic Acid: Kinetics Study Using Solid State <sup>13</sup> C NMR and Hybrid Material Inclusion. <i>Crystal Growth and Design</i> , 2020, 20, 7850-7861.	3.0	7
10	Iron(ii) coordination pyrazole complexes with aromatic sulfonate ligands: the role of ether. <i>New Journal of Chemistry</i> , 2020, 44, 13902-13912.	2.8	7
11	Systemic hypoxia led to little retinal neuronal loss and dramatic optic nerve glial response. <i>Experimental Eye Research</i> , 2020, 193, 107957.	2.6	17
12	Exploring the coordination abilities of 1,5-diisopropyl-3-(4-carboxyphenyl)-6-oxoverdazyl. <i>Comptes Rendus Chimie</i> , 2019, 22, 541-548.	0.5	4
13	Activation of PINK1-Parkin Mediated Mitophagy Degrades Mitochondrial Quality Control Proteins in Fuchs Endothelial Corneal Dystrophy. <i>American Journal of Pathology</i> , 2019, 189, 2061-2076.	3.8	33
14	Increased ER Stress After Experimental Ischemic Optic Neuropathy and Improved RGC and Oligodendrocyte Survival After Treatment With Chemical Chaperon. , 2019, 60, 1953.		22
15	Endoplasmic Reticulum-Mitochondrial Cross-Talk in Neurodegenerative and Eye Diseases. , 2019, 11, 864-873.		1
16	Crystallographic Insights into the Synthesis and Magnetic Properties of Oxoverdazyl Radicals Functionalized by Benzoic Acid. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 517-524.	2.0	10
17	A Small Molecule TrkB Neurotrophin Receptor Partial Agonist as Possible Treatment for Experimental Nonarteritic Anterior Ischemic Optic Neuropathy. <i>Current Eye Research</i> , 2018, 43, 1489-1499.	1.5	8
18	Eye is the Window to the Brain Pathology. <i>Current Advances in Ophthalmology</i> , 2018, 1, 3-4.	1.0	2

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19	Understanding Retinal Changes after Stroke. Open Journal of Ophthalmology, 2017, 07, 281-292.	0.3	7
20	Large-Volume Barium Aspiration. Baylor University Medical Center Proceedings, 2015, 28, 183-184.	0.5	8
21	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
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