

Rhun-Yian Koh

List of Publications by Year in descending order

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papers

929
citations

567281
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28
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all docs

51
docs citations

51
times ranked

1594
citing authors

#	ARTICLE	IF	CITATIONS
1	Tau Proteins and Tauopathies in Alzheimer's Disease. Cellular and Molecular Neurobiology, 2018, 38, 965-980.	3.3	166
2	A Review on Medicinal Properties of Orientin. Advances in Pharmacological Sciences, 2016, 2016, 1-9.	3.7	81
3	Mechanisms of action of amyloid-beta and its precursor protein in neuronal cell death. Metabolic Brain Disease, 2020, 35, 11-30.	2.9	54
4	Neuroprotective effects of orientin on hydrogen peroxide-induced apoptosis in SH-SY5Y cells. Molecular Medicine Reports, 2014, 9, 947-954.	2.4	48
5	Repurposing Pentoxifylline for the Treatment of Fibrosis: An Overview. Advances in Therapy, 2017, 34, 1245-1269.	2.9	40
6	Plant-Based Vaccines: Production and Challenges. Journal of Botany, 2016, 2016, 1-11.	1.2	39
7	Inhibition of transforming growth factor- β 2 via the activin receptor-like kinase-5 inhibitor attenuates pulmonary fibrosis. Molecular Medicine Reports, 2015, 11, 3808-3813.	2.4	37
8	Melatonin Prevents Oxidative Stress-Induced Mitochondrial Dysfunction and Apoptosis in High Glucose-Treated Schwann Cells via Upregulation of Bcl2, NF- κ B, mTOR, Wnt Signalling Pathways. Antioxidants, 2019, 8, 198.	5.1	37
9	Anticancer Potential of Syzygium Species: a Review. Plant Foods for Human Nutrition, 2019, 74, 18-27.	3.2	34
10	Clinacanthus Nutans Hexane Extracts Induce Apoptosis Through a Caspase-Dependent Pathway in Human Cancer Cell Lines. Asian Pacific Journal of Cancer Prevention, 2017, 18, 917-926.	1.2	25
11	Omics-based biomarkers in the diagnosis of diabetes. Journal of Basic and Clinical Physiology and Pharmacology, 2020, 31, .	1.3	23
12	Apoptosis induced by <i>N</i> -phenylenediamine involves formation of ROS and activation of p38 and JNK in Chang liver cells. Environmental Toxicology, 2014, 29, 981-990.	4.0	21
13	<i>N</i> -Phenylenediamine induces apoptosis through activation of reactive oxygen species-mediated mitochondrial pathway, and inhibition of the $\text{NF-}\kappa\text{B}$, mTOR, and Wnt pathways in human urothelial cells. Environmental Toxicology, 2017, 32, 265-277.	4.0	18
14	Madecassoside activates anti-inflammatory mechanisms by inhibiting lipopolysaccharide-induced microglial inflammation. International Journal of Molecular Medicine, 2018, 41, 3033-3040.	4.0	18
15	A new prospective on the role of melatonin in diabetes and its complications. Hormone Molecular Biology and Clinical Investigation, 2019, 40, .	0.7	17
16	Pharmacological Effects of Melatonin as Neuroprotectant in Rodent Model: A Review on the Current Biological Evidence. Cellular and Molecular Neurobiology, 2020, 40, 25-51.	3.3	17
17	Melatonin Induces Autophagy via Reactive Oxygen Species-Mediated Endoplasmic Reticulum Stress Pathway in Colorectal Cancer Cells. Molecules, 2021, 26, 5038.	3.8	17
18	Anticancer mechanisms of Strobilanthes crispus Blume hexane extract on liver and breast cancer cell lines. Oncology Letters, 2017, 14, 4957-4964.	1.8	15

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19	Edible bird's nest improves motor behavior and protects dopaminergic neuron against oxidative and nitrosative stress in Parkinson's disease mouse model. <i>Journal of Functional Foods</i> , 2018, 48, 576-585.	3.4	14
20	Recent advances in tau-directed immunotherapy against Alzheimer's disease: an overview of pre-clinical and clinical development. <i>Metabolic Brain Disease</i> , 2020, 35, 1049-1066.	2.9	14
21	Synthesis, characterization, and anticancer activity of new chalcone derivatives containing naphthalene and fluorine moieties. <i>Drug Development Research</i> , 2020, 81, 994-1003.	2.9	14
22	Neurotrophic properties and the de novo peptide sequencing of edible bird's nest extracts. <i>Food Bioscience</i> , 2019, 32, 100466.	4.4	13
23	Endosomal/lysosomal dysfunctions in Alzheimer's disease: Pathogenesis and therapeutic interventions. <i>Metabolic Brain Disease</i> , 2021, 36, 1087-1100.	2.9	13
24	Single-chain Fv Antibodies for Targeting Neurodegenerative Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 17, 671-679.	1.4	11
25	Cytotoxic and apoptogenic effects of <i>Strobilanthes crispa</i> Blume extracts on nasopharyngeal cancer cells. <i>Molecular Medicine Reports</i> , 2015, 12, 6293-6299.	2.4	10
26	Edible Bird's Nest: Recent Updates and Industry Insights Based On Laboratory Findings. <i>Frontiers in Pharmacology</i> , 2021, 12, 746656.	3.5	10
27	Receptor-Interacting Protein Kinase 1 (RIPK1) as a Potential Therapeutic Target: An Overview of Its Possible Role in the Pathogenesis of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2019, 16, 907-918.	1.4	10
28	Medicinal Properties of <i>Clinacanthus nutans</i> : A review. <i>Tropical Journal of Pharmaceutical Research</i> , 2018, 17, 375.	0.3	9
29	The potential therapeutic actions of melatonin in colorectal cancer. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2019, 39, .	0.7	9
30	Antioxidant Activity of the Sea Bird Nest (<i>Eucheuma Cottonii</i>) and Its Radical Scavenging Effect on Human Keratinocytes. <i>Journal of Medical and Bioengineering</i> , 2015, 4, 461-465.	0.5	9
31	Physicochemical and antimicrobial properties of natural rubber latex films in the presence of vegetable oil microemulsions. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	8
32	Melatonin promotes Schwann cell dedifferentiation and proliferation through the Ras/Raf/ERK and MAPK pathways, and glial cell-derived neurotrophic factor expression. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1-1.	1.8	8
33	Wound Healing Property of Curcuminoids as a Microcapsule-Incorporated Cream. <i>Pharmaceutics</i> , 2019, 11, 205.	4.5	7
34	The Mechanism of Action of Salsolinol in Brain: Implications in Parkinson's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 19, 725-740.	1.4	7
35	Role of the gut microbiome in Alzheimer's disease. <i>Reviews in the Neurosciences</i> , 2021, 32, 767-789.	2.9	6
36	Anticancer Properties of <i>Strobilanthes crispus</i> : A Review. <i>Processes</i> , 2021, 9, 1370.	2.8	6

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37	Melatonin inhibits high glucose-induced ox-LDL/LDL expression and apoptosis in human umbilical endothelial cells. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2020, 41, .	0.7	6
38	5-Methoxytryptamine reacts with natural food flavour to produce 6-methoxy tetrahydro- $\hat{1}^2$ -carbolines: In vitro investigation of their antioxidant and cytotoxicity properties. <i>Food Chemistry</i> , 2015, 183, 208-216.	8.2	5
39	Melatonin Induces Apoptosis and Inhibits the Proliferation of Cancer Cells via Reactive Oxygen Species-mediated MAPK and mTOR Pathways. <i>Clinical Cancer Drugs</i> , 2020, 7, 44-56.	0.3	5
40	Immunotherapies for Parkinsonâ€™s disease: Progression of Clinical Development. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 20, 802-813.	1.4	5
41	Effects of Amyloid Precursor Protein Overexpression on NF- $\hat{1}^B$, Rho-GTPase and Pro-Apoptosis Bcl-2 Pathways in Neuronal Cells. <i>Reports of Biochemistry and Molecular Biology</i> , 2021, 9, 417-425.	1.4	4
42	Pteropine Orthoreovirus, PRV7S (Sikamat Virus) Demonstrates Oncolysis in Nasopharyngeal Carcinoma Cell Lines. <i>Frontiers in Bioscience</i> , 2022, 27, 138.	2.1	4
43	Roles of receptorâ€™interacting protein kinase 1 in SHâ€™Y5Y cells with beta amyloidâ€™induced neurotoxicity. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1434-1444.	3.6	3
44	An Overview of Herbal Medicines for Idiopathic Pulmonary Fibrosis. <i>Processes</i> , 2022, 10, 1131.	2.8	3
45	Evaluation of biocompatible palm-based polymeric surfactants for potential natural rubber latex stabilisation applications. <i>Journal of Rubber Research (Kuala Lumpur, Malaysia)</i> , 2021, 24, 369-380.	1.1	2
46	Potential role of melatonin in prevention and treatment of leukaemia. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2021, 42, 445-461.	0.7	2
47	The Role of Monoamine Oxidase B Inhibitors in the Treatment of Parkinsonâ€™s Disease - An Update. <i>CNS and Neurological Disorders - Drug Targets</i> , 2023, 22, 329-352.	1.4	2
48	Potential role of melatonin in prevention and treatment of lung cancer. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2022, 43, 485-503.	0.7	2
49	Anti-neuroinflammatory of Chloroform Extract of Panax ginseng Root Culture on Lipopolysaccharide-stimulated BV2 Microglia Cells. <i>Reports of Biochemistry and Molecular Biology</i> , 2022, 11, 125-137.	1.4	1
50	ANTIMICROBIAL AGENTS AND ANTI-ADHESION MATERIALS FOR MEDICAL AND SURGICAL GLOVES. <i>Rubber Chemistry and Technology</i> , 2021, 94, 1-23.	1.2	0
51	How Do Abnormalities in the Cerebrospinal Fluid Impact Neuropsychology with Progressing Age?. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, .	1.4	0