

Benjamin Heng

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,374
citations

394390

19
h-index

377849

34
g-index

56
all docs

56
docs citations

56
times ranked

2138
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in clinical trials targeting the kynurenine pathway. , 2022, 236, 108055.		23
2	TMS-Like Magnetic Fields Modulate Metabolic Activity of Hepatic and Colorectal Cancer Cells. IEEE Transactions on Magnetics, 2022, 58, 1-6.	2.1	0
3	Neuropathological Mechanisms of \hat{I}^2 -N-Methylamino-L-Alanine (BMAA) with a Focus on Iron Overload and Ferroptosis. Neurotoxicity Research, 2022, 40, 614-635.	2.7	2
4	Alterations in Tryptophan Metabolism Affect Vascular Functions: Connected to Ageing Population Vulnerability to COVID-19 Infection?. International Journal of Tryptophan Research, 2022, 15, 117864692210839.	2.3	2
5	Development of a translational inflammation panel for the quantification of cerebrospinal fluid Pterin, Tryptophan-Kynurenine and Nitric oxide pathway metabolites. EBioMedicine, 2022, 77, 103917.	6.1	11
6	The Role of Kynurenine Pathway and NAD ⁺ Metabolism in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. , 2022, 13, 698.		12
7	Could the kynurenine pathway be the key missing piece of Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS) complex puzzle?. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	8
8	Machine learning workflows identify a microRNA signature of insulin transcription in human tissues. IScience, 2021, 24, 102379.	4.1	17
9	Papaverine, a Phosphodiesterase 10A Inhibitor, Ameliorates Quinolinic Acid-Induced Synaptotoxicity in Human Cortical Neurons. Neurotoxicity Research, 2021, 39, 1238-1250.	2.7	10
10	Splicing factor proline and glutamine rich intron retention, reduced expression and aggregate formation are pathological features of amyotrophic lateral sclerosis. Neuropathology and Applied Neurobiology, 2021, 47, 990-1003.	3.2	11
11	Effects of Tryptophan Supplementation and Exercise on the Fate of Kynurenine Metabolites in Mice and Humans. Metabolites, 2021, 11, 508.	2.9	12
12	Involvement of Kynurenine Pathway in Hepatocellular Carcinoma. Cancers, 2021, 13, 5180.	3.7	9
13	Sphingosine 1-phosphate but not Fingolimod protects neurons against excitotoxic cell death by inducing neurotrophic gene expression in astrocytes. Journal of Neurochemistry, 2020, 153, 173-188.	3.9	23
14	Amyotrophic lateral sclerosis-linked UBQLN2 mutants inhibit endoplasmic reticulum to Golgi transport, leading to Golgi fragmentation and ER stress. Cellular and Molecular Life Sciences, 2020, 77, 3859-3873.	5.4	24
15	Kynurenine, Tetrahydrobiopterin, and Cytokine Inflammatory Biomarkers in Individuals Affected by Diabetic Neuropathic Pain. Frontiers in Neuroscience, 2020, 14, 890.	2.8	19
16	The Gut Microbiota, Kynurenine Pathway, and Immune System Interaction in the Development of Brain Cancer. Frontiers in Cell and Developmental Biology, 2020, 8, 562812.	3.7	37
17	Roflumilast, a cAMP-Specific Phosphodiesterase-4 Inhibitor, Reduces Oxidative Stress and Improves Synapse Functions in Human Cortical Neurons Exposed to the Excitotoxin Quinolinic Acid. ACS Chemical Neuroscience, 2020, 11, 4405-4415.	3.5	14
18	Novel immune biomarkers in complex regional pain syndrome. Journal of Neuroimmunology, 2020, 347, 577330.	2.3	14

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19	Alteration in Gene Pair Correlations in Tryptophan Metabolism as a Hallmark in Cancer Diagnosis. International Journal of Tryptophan Research, 2020, 13, 117864692097701.	2.3	5
20	Differential kynurenine pathway metabolism in highly metastatic aggressive breast cancer subtypes: beyond IDO1-induced immunosuppression. Breast Cancer Research, 2020, 22, 113.	5.0	29
21	Kynurenine and Tetrahydrobiopterin Pathways Crosstalk in Pain Hypersensitivity. Frontiers in Neuroscience, 2020, 14, 620.	2.8	24
22	Sodium Butyrate and Indole-3-propionic Acid Prevent the Increase of Cytokines and Kynurenine Levels in LPS-induced Human Primary Astrocytes. International Journal of Tryptophan Research, 2020, 13, 117864692097840.	2.3	24
23	Sphingosine Kinase 2 Potentiates Amyloid Deposition but Protects against Hippocampal Volume Loss and Demyelination in a Mouse Model of Alzheimer's Disease. Journal of Neuroscience, 2019, 39, 9645-9659.	3.6	22
24	Protective Effects of Myxobacterial Extracts on Hydrogen Peroxide-induced Toxicity on Human Primary Astrocytes. Neuroscience, 2019, 399, 1-11.	2.3	22
25	Novel dual-action prodrug triggers apoptosis in glioblastoma cells by releasing a glutathione quencher and lysine-specific histone demethylase 1A inhibitor. Journal of Neurochemistry, 2019, 149, 535-550.	3.9	11
26	Neuroprotective Effect of Myxobacterial Extracts on Quinolinic Acid-Induced Toxicity in Primary Human Neurons. Neurotoxicity Research, 2019, 35, 281-290.	2.7	9
27	P2 ^Y ₁₂ : ELEVATED KYNURENINE AND ANTHRANILIC ACID LEVELS IN ELDERLY FEMALES WITH HIGH NEOCORTICAL AMYLOID β LOAD. Alzheimer's and Dementia, 2018, 14, P789.	0.8	0
28	Human regulatory macrophages are potent in suppression of the xenimmune response via indoleamine 2,3-dioxygenase-involved mechanism(s). Xenotransplantation, 2017, 24, e12326.	2.8	14
29	Genetic basis of hindlimb loss in a naturally occurring vertebrate model. Biology Open, 2016, 5, 359-366.	1.2	24
30	Synergistic induction of CXCL10 by interferon-gamma and lymphotoxin-alpha in astrocytes: Possible role in cerebral malaria. Cytokine, 2016, 78, 79-86.	3.2	13
31	Keratin 14 Expression in Epithelial Progenitor Cells of the Developing Human Cornea. Stem Cells and Development, 2016, 25, 699-711.	2.1	14
32	Soluble LILRA3 promotes neurite outgrowth and synapses formation through high affinity interaction with Nogo 66. Journal of Cell Science, 2016, 129, 1198-209.	2.0	18
33	Understanding the role of the kynurenine pathway in human breast cancer immunobiology. Oncotarget, 2016, 7, 6506-6520.	1.8	109
34	The Mapk-activated protein Kinase 2 (MK2) inhibitor CMPD1 is a novel microtubule targeting agent for Glioblastoma Therapy. Clinical Therapeutics, 2015, 37, e114.	2.5	0
35	Cytotoxic activity of the MK2 inhibitor CMPD1 in glioblastoma cells is independent of MK2. Cell Death Discovery, 2015, 1, 15028.	4.7	16
36	Activation of the kynurenine pathway and increased production of the excitotoxin quinolinic acid following traumatic brain injury in humans. Journal of Neuroinflammation, 2015, 12, 110.	7.2	72

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37	An effective, low-cost method for achieving and maintaining hypoxia during cell culture studies. <i>BioTechniques</i> , 2015, 59, 223-229.	1.8	16
38	Human Papilloma Viruses and Breast Cancer. <i>Frontiers in Oncology</i> , 2015, 5, 277.	2.8	51
39	Lycopene Pretreatment Ameliorates Acute Ethanol Induced NAD ⁺ Depletion in Human Astroglial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-8.	4.0	5
40	Optimisation of LRRK2 inhibitors and assessment of functional efficacy in cell-based models of neuroinflammation. <i>European Journal of Medicinal Chemistry</i> , 2015, 95, 29-34.	5.5	31
41	The p38-MK2-HuR pathway potentiates EGFRvIII ⁺ IL-1 ^β -driven IL-6 secretion in glioblastoma cells. <i>Oncogene</i> , 2015, 34, 2934-2942.	5.9	63
42	Characterization of the Kynurenine Pathway and Quinolinic Acid Production in Macaque Macrophages. <i>International Journal of Tryptophan Research</i> , 2013, 6, IJTR.S11789.	2.3	23
43	Detecting Human Papillomavirus in Ocular Surface Diseases. , 2013, 54, 8069.		41
44	Epstein-Barr Virus, Human Papillomavirus and Mouse Mammary Tumour Virus as Multiple Viruses in Breast Cancer. <i>PLoS ONE</i> , 2012, 7, e48788.	2.5	129
45	Reply: Koilocytes indicate a role for human papilloma virus in breast cancer. <i>British Journal of Cancer</i> , 2010, 102, 788-788.	6.4	1
46	Reply to Letter to the Editor: Is HPV-18 present in human breast cancer cell lines. <i>British Journal of Cancer</i> , 2010, 102, 1551-1552.	6.4	0
47	Viruses and Breast Cancer. <i>Cancers</i> , 2010, 2, 752-772.	3.7	45
48	Mouse Mammary Tumor Virus ⁺ like Sequences in Human Breast Cancer. <i>Cancer Research</i> , 2010, 70, 3576-3585.	0.9	58
49	Human papilloma virus is associated with breast cancer. <i>British Journal of Cancer</i> , 2009, 101, 1345-1350.	6.4	151
50	Koilocytes indicate a role for human papilloma virus in breast cancer. <i>British Journal of Cancer</i> , 2009, 101, 1351-1356.	6.4	67