Gilles Guillemin

List of Publications by Year
in descending order

328	22,076	9786	73	11939	134
papers	citations	h-index		g-index	

347	347	347	27355
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oncolytic viruses as a promising therapeutic strategy against the detrimental health impacts of air pollution: The case of glioblastoma multiforme. Seminars in Cancer Biology, 2022, 86, 1122-1142.	9.6	6
2	Engineered bacteria for valorizing lignocellulosic biomass into bioethanol. Bioresource Technology, 2022, 344, 126212.	9.6	16
3	Bioethanol production from food wastes rich in carbohydrates. Current Opinion in Food Science, 2022, 43, 71-81.	8.0	57
4	Recent advances in clinical trials targeting the kynurenine pathway. , 2022, 236, 108055.		23
5	Activation of the Kynurenine Pathway and Production of Inflammatory Cytokines by Astrocytes and Microglia Infected With Neospora caninum. International Journal of Tryptophan Research, 2022, 15, 117864692110699.	2.3	3
6	Association Between Tryptophan Metabolites, Physical Performance, and Frailty in Older Persons. International Journal of Tryptophan Research, 2022, 15, 117864692110699.	2.3	5
7	Neuropathological Mechanisms of Î²-N-Methylamino-L-Alanine (BMAA) with a Focus on Iron Overload and Ferroptosis. Neurotoxicity Research, 2022, 40, 614-635.	2.7	2
8	Editorial: Multiple Implications of the Kynurenine Pathway in Inflammatory Diseases: Diagnostic and Therapeutic Applications. Frontiers in Immunology, 2022, 13, 860867.	4.8	8
9	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
10	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
11	A comprehensive review on anaerobic fungi applications in biofuels production. Science of the Total Environment, 2022, 829, 154521.	8.0	13
12	The Role of Kynurenine Pathway and NAD⁺ Metabolism in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. , 2022, 13, 698.		12
13	Systemic perturbations of the kynurenine pathway precede progression to dementia independently of amyloid-Î². Neurobiology of Disease, 2022, 171, 105783.	4.4	5
14	The Cytokines CXCL10 and CCL2 and the Kynurenine Metabolite Anthranilic Acid Accurately Predict Patients at Risk of Developing Dengue With Warning Signs. Journal of Infectious Diseases, 2022, 226, 1964-1973.	4.0	3
15	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
16	Regarding letter on â€œKynurenine pathway dysregulation in postpartum depressionâ€, by Achtyes et al, 2020. Brain, Behavior, and Immunity, 2021, 91, 794-795.	4.1	1
17	Potential Mechanism of Cellular Uptake of the Excitotoxin Quinolinic Acid in Primary Human Neurons. Molecular Neurobiology, 2021, 58, 34-54.	4.0	4
18	Does Exercise Influence Kynurenine/Tryptophan Metabolism and Psychological Outcomes in Persons With Age-Related Diseases? A Systematic Review. International Journal of Tryptophan Research, 2021, 14, 117864692199111.	2.3	5

#	Article	IF	Citations
19	10 Persian herbal medicines used for brain health. , 2021, , 113-123.		1
20	Lead and Excitotoxicity. , 2021, , 1-39.		0
21	Use of a Recombinant Biomarker Protein DDA Library Increases DIA Coverage of Low Abundance Plasma Proteins. Journal of Proteome Research, 2021, 20, 2374-2389.	3.7	6
22	Machine learning workflows identify a microRNA signature of insulin transcription in human tissues. IScience, 2021, 24, 102379.	4.1	17
23	Papaverine, a Phosphodiesterase 10A Inhibitor, Ameliorates Quinolinic Acid-Induced Synaptotoxicity in Human Cortical Neurons. Neurotoxicity Research, 2021, 39, 1238-1250.	2.7	10
24	Effects of stress associated with academic examination on the kynurenine pathway profile in healthy students. PLoS ONE, 2021, 16, e0252668.	2.5	10
25	Genetic Analysis of Tryptophan Metabolism Genes in Sporadic Amyotrophic Lateral Sclerosis. Frontiers in Immunology, 2021, 12, 701550.	4.8	8
26	Detrimental activation of AhR pathway in cancer: an overview of therapeutic strategies. Current Opinion in Immunology, 2021, 70, 15-26.	5.5	41
27	Cross-Linking Cellular Prion Protein Induces Neuronal Type 2-Like Hypersensitivity. Frontiers in Immunology, 2021, 12, 639008.	4.8	3
28	Sodium valproate increases activity of the sirtuin pathway resulting in beneficial effects for spinocerebellar ataxia-3 in vivo. Molecular Brain, 2021, 14, 128.	2.6	12
29	Toward a neuroprotective shift: Eight weeks of high intensity interval training reduces the neurotoxic kynurenine activity concurrently to impulsivity in emotionally impulsive humans â€“ A randomized controlled trial. Brain, Behavior, and Immunity, 2021, 96, 7-17.	4.1	14
30	Effects of Tryptophan Supplementation and Exercise on the Fate of Kynurenine Metabolites in Mice and Humans. Metabolites, 2021, 11, 508.	2.9	12
31	Psychological Stresses in Children Trigger Cytokine- and Kynurenine Metabolite-Mediated Abdominal Pain and Proinflammatory Changes. Frontiers in Immunology, 2021, 12, 702301.	4.8	2
32	The kynurenine pathway in chronic diseases: a compensatory mechanism or a driving force?. Trends in Molecular Medicine, 2021, 27, 946-954.	6.7	34
33	1-Methyl tryptophan, an indoleamine 2,3-dioxygenase inhibitor, attenuates cardiac and hepatic dysfunction in rats with biliary cirrhosis. European Journal of Pharmacology, 2021, 908, 174309.	3.5	5
34	Evaluating the toxicity of escalating dose of oral picolinic acid in Sprague-Dawley rats. Toxicology, 2021, 462, 152960.	4.2	0
35	Galantamine-Memantine Combination and Kynurenine Pathway Enzyme Inhibitors in the Treatment of Neuropsychiatric Disorders. Complex Psychiatry, 2021, 7, 19-33.	0.9	10
36	Therapeutic Potential of Mitophagy-Inducing Microflora Metabolite, Urolithin A for Alzheimerâ€™s Disease. Nutrients, 2021, 13, 3744.	4.1	24

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37	Neurological Infection, Kynurenine Pathway, and Parasitic Infection by Neospora caninum. Frontiers in Immunology, 2021, 12, 714248.	4.8	4
38	Treatment of microglia with Anti-PrP monoclonal antibodies induces neuronal apoptosis in vitro. Heliyon, 2021, 7, e08644.	3.2	2
39	Cocoa beans improve mitochondrial biogenesis via PPARÎ³/PGC1Î± dependent signalling pathway in MPP⁺intoxicated human neuroblastoma cells (SH-SY5Y). Nutritional Neuroscience, 2020, 23, 471-480.	3.1	20
40	Dysregulation of kynurenine metabolism is related to proinflammatory cytokines, attention, and prefrontal cortex volume in schizophrenia. Molecular Psychiatry, 2020, 25, 2860-2872.	7.9	155
41	Inflammation and kynurenine pathway dysregulation in post-partum women with severe and suicidal depression. Brain, Behavior, and Immunity, 2020, 83, 239-247.	4.1	78
42	Sphingosine 1â€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
43	3Rs-based optimization of mice behavioral testing: The habituation/dishabituation olfactory test. Journal of Neuroscience Methods, 2020, 332, 108550.	2.5	1
44	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
45	Kynurenine, Tetrahydrobiopterin, and Cytokine Inflammatory Biomarkers in Individuals Affected by Diabetic Neuropathic Pain. Frontiers in Neuroscience, 2020, 14, 890.	2.8	19
46	Phosphodiesterase-4 enzyme as a therapeutic target in neurological disorders. Pharmacological Research, 2020, 160, 105078.	7.1	54
47	Application of N-methyl-D-aspartate receptor nanopore in screening ligand molecules. Bioelectrochemistry, 2020, 134, 107534.	4.6	1
48	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
49	Effects of Sleep Deprivation on the Tryptophan Metabolism. International Journal of Tryptophan Research, 2020, 13, 117864692097090.	2.3	31
50	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
51	â€œSTRESSED OUTâ€ The role of FUS and TDP-43 in amyotrophic lateral sclerosis. International Journal of Biochemistry and Cell Biology, 2020, 126, 105821.	2.8	13
52	Novel immune biomarkers in complex regional pain syndrome. Journal of Neuroimmunology, 2020, 347, 577330.	2.3	14
53	Sleep, brain vascular health and ageing. GeroScience, 2020, 42, 1257-1283.	4.6	12
54	Possible role of tryptophan and melatonin in COVID-19. International Journal of Tryptophan Research, 2020, 13, 117864692095183.	2.3	17

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55	Exosomes in Alzheimerâ€™s Disease: Potential Role as Pathological Mediators, Biomarkers and Therapeutic Targets. Neurochemical Research, 2020, 45, 2553-2559.	3.3	22
56	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
57	Targeting Mitophagy in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2020, 78, 1273-1297.	2.6	6
58	Sleep Deprivation and Neurological Disorders. BioMed Research International, 2020, 2020, 1-19.	1.9	88
59	Differential kynurenine pathway metabolism in highly metastatic aggressive breast cancer subtypes: beyond IDO1-induced immunosuppression. Breast Cancer Research, 2020, 22, 113.	5.0	29
60	Metabolite Profiling Reveals Predictive Biomarkers and the Absence of Î²-Methyl Amino-<scp>l</scp>-alanine in Plasma from Individuals Diagnosed with Amyotrophic Lateral Sclerosis. Journal of Proteome Research, 2020, 19, 3276-3285.	3.7	18
61	Sa1162 COLORECTAL CANCER PROLIFERATION AND SURVIVAL ARE NEGATIVELY REGULATED BY THE TRYPTOPHAN METABOLITE KYNURENIC ACID. Gastroenterology, 2020, 158, S-295-S-296.	1.3	0
62	Herpetosiphon Secondary Metabolites Inhibit Amyloid-Î² Toxicity in Human Primary Astrocytes. Journal of Alzheimer's Disease, 2020, 76, 423-433.	2.6	5
63	Kynurenine pathway modulation reverses the experimental autoimmune encephalomyelitis mouse disease progression. Journal of Neuroinflammation, 2020, 17, 176.	7.2	41
64	Kynurenine and Tetrahydrobiopterin Pathways Crosstalk in Pain Hypersensitivity. Frontiers in Neuroscience, 2020, 14, 620.	2.8	24
65	Picolinic Acid, a Catabolite of Tryptophan, Has an Anabolic Effect on Bone In Vivo. Journal of Bone and Mineral Research, 2020, 35, 2275-2288.	2.8	18
66	Protein Nutrition in Autism. Advances in Neurobiology, 2020, 24, 573-586.	1.8	5
67	Autism and Gutâ€“Brain Axis: Role of Probiotics. Advances in Neurobiology, 2020, 24, 587-600.	1.8	16
68	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
69	Social and Biological Parameters Involved in Suicide Ideation During the COVID-19 Pandemic: A Narrative Review. International Journal of Tryptophan Research, 2020, 13, 117864692097824.	2.3	5
70	The Cyanotoxin and Non-protein Amino Acid Î²-Methylamino-L-Alanine (L-BMAA) in the Food Chain: Incorporation into Proteins and Its Impact on Human Health. Neurotoxicity Research, 2019, 36, 602-611.	2.7	20
71	Microorganisms, Tryptophan Metabolism, and Kynurenine Pathway: A Complex Interconnected Loop Influencing Human Health Status. International Journal of Tryptophan Research, 2019, 12, 117864691985299.	2.3	129
72	422 â€“ Epithelial Ido1 Modulates Ahr and Notch Signaling to Enhance Secretory Cell Differentiation, Augment Mucus Barrier, and Alter Microbiota. Gastroenterology, 2019, 156, S-82.	1.3	0

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73	Plasma neurofilament light chain and amyloid-Î² are associated with the kynurenine pathway metabolites in preclinical Alzheimerâ€™s disease. Journal of Neuroinflammation, 2019, 16, 186.	7.2	41
74	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
75	The Plasma [Kynurenine]/[Tryptophan] Ratio and Indoleamine 2,3-Dioxygenase: Time for Appraisal. International Journal of Tryptophan Research, 2019, 12, 117864691986897.	2.3	134
76	Microglia are both a source and target of extracellular cyclophilin A. Heliyon, 2019, 5, e02390.	3.2	7
77	Epithelial Indoleamine 2,3-Dioxygenase 1 Modulates Aryl Hydrocarbon Receptor and Notch Signaling to Increase Differentiation of Secretory Cells and Alter Mucus-Associated Microbiota. Gastroenterology, 2019, 157, 1093-1108.e11.	1.3	92
78	Kynurenine Pathway Metabolites as Biomarkers for Amyotrophic Lateral Sclerosis. Frontiers in Neuroscience, 2019, 13, 1013.	2.8	38
79	Human Tick-Borne Diseases in Australia. Frontiers in Cellular and Infection Microbiology, 2019, 9, 3.	3.9	37
80	Kynurenine 3-Monooxygenase Activity in Human Primary Neurons and Effect on Cellular Bioenergetics Identifies New Neurotoxic Mechanisms. Neurotoxicity Research, 2019, 35, 530-541.	2.7	28
81	Chemical reprogramming enhances homology-directed genome editing in zebrafish embryos. Communications Biology, 2019, 2, 198.	4.4	41
82	11 EPITHELIAL IDO1 MODULATES AHR AND NOTCH SIGNALING TO ENHANCE SECRETORY CELL DIFFERENTIATION AND ALTERS MUCUS-ASSOCIATED MICROBIOTA. Inflammatory Bowel Diseases, 2019, 25, S59-S59.	1.9	0
83	Microbiota Alterations in Alzheimerâ€™s Disease: Involvement of the Kynurenine Pathway and Inflammation. Neurotoxicity Research, 2019, 36, 424-436.	2.7	32
84	11 EPITHELIAL IDO1 MODULATES AHR AND NOTCH SIGNALING TO ENHANCE SECRETORY CELL DIFFERENTIATION AND ALTERS MUCUS-ASSOCIATED MICROBIOTA. Gastroenterology, 2019, 156, S84.	1.3	0
85	Correlation between plasma and CSF concentrations of kynurenine pathway metabolites in Alzheimer's disease and relationship to amyloid-Î² and tau. Neurobiology of Aging, 2019, 80, 11-20.	3.1	80
86	Memantine Is Protective against Cytotoxicity Caused by Lead and Quinolinic Acid in Cultured Rat Embryonic Hippocampal Cells. Chemical Research in Toxicology, 2019, 32, 1134-1143.	3.3	11
87	Asiatic Acid Attenuated Aluminum Chloride-Induced Tau Pathology, Oxidative Stress and Apoptosis Via AKT/GSK-3Î² Signaling Pathway in Wistar Rats. Neurotoxicity Research, 2019, 35, 955-968.	2.7	57
88	Corrigendum to â€œPAX3: A Molecule with Oncogenic or Tumor Suppressor Function Is Involved in Cancerâ€• BioMed Research International, 2019, 2019, 1-1.	1.9	0
89	Protective Effects of Myxobacterial Extracts on Hydrogen Peroxide-induced Toxicity on Human Primary Astrocytes. Neuroscience, 2019, 399, 1-11.	2.3	22
90	Novel dualâ€action prodrug triggers apoptosis in glioblastoma cells by releasing a glutathione quencher and lysineâ€specific histone demethylase 1A inhibitor. Journal of Neurochemistry, 2019, 149, 535-550.	3.9	11

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91	Low Molecular Weight Sulfated Chitosan: Neuroprotective Effect on Rotenone-Induced In Vitro Parkinsonâ€™s Disease. Neurotoxicity Research, 2019, 35, 505-515.	2.7	19
92	Time-dependent effect of oligomeric amyloid-Î² (1â€“42)-induced hippocampal neurodegeneration in rat model of Alzheimerâ€™s disease. Neurological Research, 2019, 41, 139-150.	1.3	42
93	Protective Effects of Antioxidants in Huntingtonâ€™s Disease: an Extensive Review. Neurotoxicity Research, 2019, 35, 739-774.	2.7	50
94	Dendritic spines: Revisiting the physiological role. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 92, 161-193.	4.8	165
95	Extracellular Vesicles Released by Glioblastoma Cells Stimulate Normal Astrocytes to Acquire a Tumor-Supportive Phenotype Via p53 and MYC Signaling Pathways. Molecular Neurobiology, 2019, 56, 4566-4581.	4.0	77
96	Fungal Neurotoxins and Sporadic Amyotrophic Lateral Sclerosis. Neurotoxicity Research, 2019, 35, 969-980.	2.7	17
97	Amelioration of Aluminum Maltolate-Induced Inflammation and Endoplasmic Reticulum Stress-Mediated Apoptosis by Tannoid Principles of Emblica officinalis in Neuronal Cellular Model. Neurotoxicity Research, 2019, 35, 318-330.	2.7	26
98	Neuroprotective Effect of Myxobacterial Extracts on Quinolinic Acid-Induced Toxicity in Primary Human Neurons. Neurotoxicity Research, 2019, 35, 281-290.	2.7	9
99	Antioxidant therapies in attention deficit hyperactivity disorder. Frontiers in Bioscience - Landmark, 2019, 24, 313-333.	3.0	9
100	Fungal-contaminated grass and well water and sporadic amyotrophic lateral sclerosis. Neural Regeneration Research, 2019, 14, 1490.	3.0	13
101	Boswellia Gum Resin and Essential Oils: Potential Health Benefits â^' An Evidence Based Review. International Journal of Nutrition, Pharmacology, Neurological Diseases, 2019, 9, 53.	0.5	24
102	Development of a Rapid Fluorescence-Based High-Throughput Screening Assay to Identify Novel Kynurenine 3-Monooxygenase Inhibitor Scaffolds. SLAS Discovery, 2018, 23, 554-560.	2.7	8
103	Myxobacterial natural products: An under-valued source of products for drug discovery for neurological disorders. NeuroToxicology, 2018, 66, 195-203.	3.0	24
104	Naringenin Decreases Î±-Synuclein Expression and Neuroinflammation in MPTP-Induced Parkinsonâ€™s Disease Model in Mice. Neurotoxicity Research, 2018, 33, 656-670.	2.7	52
105	HIV, prospective memory, and cerebrospinal fluid concentrations of quinolinic acid and phosphorylated Tau. Journal of Neuroimmunology, 2018, 319, 13-18.	2.3	18
106	Detection of the suspected neurotoxin Î²-methylamino- l -alanine (BMAA) in cyanobacterial blooms from multiple water bodies in Eastern Australia. Harmful Algae, 2018, 74, 10-18.	4.8	34
107	Mechanisms of l-Serine Neuroprotection in vitro Include ER Proteostasis Regulation. Neurotoxicity Research, 2018, 33, 123-132.	2.7	12
108	l-Serine-Mediated Neuroprotection Includes the Upregulation of the ER Stress Chaperone Protein Disulfide Isomerase (PDI). Neurotoxicity Research, 2018, 33, 113-122.	2.7	26

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109	Detection of the Cyanotoxins L-BMAA Uptake and Accumulation in Primary Neurons and Astrocytes. Neurotoxicity Research, 2018, 33, 55-61.	2.7	13
110	Mechanisms and Effects Posed by Neurotoxic Products of Cyanobacteria/Microbial Eukaryotes/Dinoflagellates in Algae Blooms: a Review. Neurotoxicity Research, 2018, 33, 153-167.	2.7	38
111	Perinatal Exposure to the Cyanotoxin Î²-N-MÃ©thylamino-l-Alanine (BMAA) Results in Long-Lasting Behavioral Changes in Offspringâ€"Potential Involvement of DNA Damage and Oxidative Stress. Neurotoxicity Research, 2018, 33, 87-112.	2.7	23
112	Neurotoxicity of the Cyanotoxin BMAA Through Axonal Degeneration and Intercellular Spreading. Neurotoxicity Research, 2018, 33, 62-75.	2.7	15
113	Neopterin preconditioning prevents inflammasome activation in mammalian astrocytes. Free Radical Biology and Medicine, 2018, 115, 371-382.	2.9	30
114	P2â€283: ELEVATED KYNURENINE AND ANTHRANILIC ACID LEVELS IN ELDERLY FEMALES WITH HIGH NEOCORTICAL AMYLOIDâ€BETA LOAD. Alzheimer's and Dementia, 2018, 14, P789.	0.8	0
115	Sustained activation of the Aryl hydrocarbon Receptor transcription factor promotes resistance to BRAF-inhibitors in melanoma. Nature Communications, 2018, 9, 4775.	12.8	70
116	Loss of the Chr16p11.2 ASD candidate gene QPRT leads to aberrant neuronal differentiation in the SH-SY5Y neuronal cell model. Molecular Autism, 2018, 9, 56.	4.9	27
117	Microorganismsâ€™ Footprint in Neurodegenerative Diseases. Frontiers in Cellular Neuroscience, 2018, 12, 466.	3.7	42
118	PAX3: A Molecule with Oncogenic or Tumor Suppressor Function Is Involved in Cancer. BioMed Research International, 2018, 2018, 1-12.	1.9	865
119	Tryptophan Metabolism through the Kynurenine Pathway is Associated with Endoscopic Inflammation in Ulcerative Colitis. Inflammatory Bowel Diseases, 2018, 24, 1471-1480.	1.9	88
120	Neuroprotective role of Asiatic acid in aluminium chloride induced rat model of Alzheimer rsquo s disease. Frontiers in Bioscience - Scholar, 2018, 10, 262-275.	2.1	52
121	Telmisartan Ameliorates Astroglial and Dopaminergic Functions in a Mouse Model of Chronic Parkinsonism. Neurotoxicity Research, 2018, 34, 597-612.	2.7	15
122	Novel venom-derived inhibitors of the human EAG channel, a putative antiepileptic drug target. Biochemical Pharmacology, 2018, 158, 60-72.	4.4	13
123	Alterations in serum kynurenine pathway metabolites in individuals with high neocortical amyloid-Î² load: A pilot study. Scientific Reports, 2018, 8, 8008.	3.3	45
124	BMAA and Neurodegenerative Illness. Neurotoxicity Research, 2018, 33, 178-183.	2.7	39
125	Demethoxycurcumin, a natural derivative of curcumin abrogates rotenone-induced dopamine depletion and motor deficits by its antioxidative and anti-inflammatory properties in Parkinsonian rats. Pharmacognosy Magazine, 2018, 14, 9.	0.6	30
126	Recent evidence for an expanded role of the kynurenine pathway of tryptophan metabolism in neurological diseases. Neuropharmacology, 2017, 112, 373-388.	4.1	281

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127	Involvement of quinolinic acid in the neuropathogenesis of amyotrophic lateral sclerosis. Neuropharmacology, 2017, 112, 346-364.	4.1	33
128	Involvement of the kynurenine pathway in the pathogenesis of Parkinsonâ€™s disease. Progress in Neurobiology, 2017, 155, 76-95.	5.7	111
129	Fenugreek Seed Powder Attenuated Aluminum Chloride-Induced Tau Pathology, Oxidative Stress, and Inflammation in a Rat Model of Alzheimerâ€™s Disease1. Journal of Alzheimer's Disease, 2017, 60, S209-S220.	2.6	61
130	Kynurenine pathway metabolomics predicts and provides mechanistic insight into multiple sclerosis progression. Scientific Reports, 2017, 7, 41473.	3.3	183
131	Chronic mild stress augments MPTP induced neurotoxicity in a murine model of Parkinson's disease. Physiology and Behavior, 2017, 173, 132-143.	2.1	28
132	NAD Deficiency, Congenital Malformations, and Niacin Supplementation. New England Journal of Medicine, 2017, 377, 544-552.	27.0	177
133	Human regulatory macrophages are potent in suppression of the xenoimmune response via indoleamineâ€2,3â€dioxygenaseâ€involved mechanism(s). Xenotransplantation, 2017, 24, e12326.	2.8	14
134	Cytotoxic Effects of Environmental Toxins on Human Glial Cells. Neurotoxicity Research, 2017, 31, 245-258.	2.7	26
135	Metabolome analysis reveals the association between the kynurenine pathway and human herpesvirus 6 encephalopathy in immunocompetent children. Metabolomics, 2017, 13, 1.	3.0	4
136	Major Developments in the Design of Inhibitors along the Kynurenine Pathway. Current Medicinal Chemistry, 2017, 24, 2471-2495.	2.4	50
137	Bcl11bâ€”A Critical Neurodevelopmental Transcription Factorâ€”Roles in Health and Disease. Frontiers in Cellular Neuroscience, 2017, 11, 89.	3.7	45
138	Dietary Supplements/Antioxidants: Impact on Redox Status in Brain Diseases. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-2.	4.0	9
139	Protective Effect of Antioxidants on Neuronal Dysfunction and Plasticity in Huntingtonâ€™s Disease. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-15.	4.0	36
140	Progesterone Alters Kynurenine Pathway Activation in IFN-Î³-Activated Macrophages â€“ Relevance for Neuroinflammatory Diseases. International Journal of Tryptophan Research, 2016, 9, IJTR.S40332.	2.3	17
141	The Role of Reactive Oxygen Species in the Pathogenesis of Alzheimerâ€™s Disease, Parkinsonâ€™s Disease, and Huntingtonâ€™s Disease: A Mini Review. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-15.	4.0	363
142	Current Evidence for a Role of the Kynurenine Pathway of Tryptophan Metabolism in Multiple Sclerosis. Frontiers in Immunology, 2016, 7, 246.	4.8	118
143	Editorial: Glial Cells: Managers of Neuro-Immunity. Frontiers in Cellular Neuroscience, 2016, 10, 60.	3.7	7
144	Influences of Chronic Mild Stress Exposure on Motor, Non-Motor Impairments and Neurochemical Variables in Specific Brain Areas of MPTP/Probenecid Induced Neurotoxicity in Mice. PLoS ONE, 2016, 11, e0146671.	2.5	30

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145	Serum Leukocyte Immunoglobulin-Like Receptor A3 (LILRA3) Is Increased in Patients with Multiple Sclerosis and Is a Strong Independent Indicator of Disease Severity; 6.7kbp LILRA3 Gene Deletion Is Not Associated with Diseases Susceptibility. PLoS ONE, 2016, 11, e0149200.	2.5	17
146	Post-Bariatric Surgery Changes in Quinolinic and Xanthurenic Acid Concentrations Are Associated with Glucose Homeostasis. PLoS ONE, 2016, 11, e0158051.	2.5	21
147	Chronic Treatment with the IDO1 Inhibitor 1-Methyl-D-Tryptophan Minimizes the Behavioural and Biochemical Abnormalities Induced by Unpredictable Chronic Mild Stress in Mice - Comparison with Fluoxetine. PLoS ONE, 2016, 11, e0164337.	2.5	26
148	Interference of Î±-Synuclein Uptake by Monomeric Î²-Amyloid1â€“40 and Potential Core Acting Site of the Interference. Neurotoxicity Research, 2016, 30, 479-485.	2.7	10
149	Kynurenines, Gender and Neuroinflammation; Showcase Schizophrenia. Neurotoxicity Research, 2016, 30, 285-294.	2.7	17
150	Inflammation, immunology, stress and depression: a role for kynurenine metabolism in physical exercise and skeletal muscle. Acta Neuropsychiatrica, 2016, 28, 244-245.	2.1	6
151	Vanillin Attenuated Behavioural Impairments, Neurochemical Deficts, Oxidative Stress and Apoptosis Against Rotenone Induced Rat Model of Parkinsonâ€™s Disease. Neurochemical Research, 2016, 41, 1899-1910.	3.3	70
152	Su1195 Upregulated Pathways and Products of Tryptophan Metabolism is Associated with the Neoplastic Transition in the Colon Epithelium. Gastroenterology, 2016, 150, S492.	1.3	1
153	Quantitative metabolome profiling reveals the involvement of the kynurenine pathway in influenza-associated encephalopathy. Metabolomics, 2016, 12, 1.	3.0	13
154	An enzyme in the kynurenine pathway that governs vulnerability to suicidal behavior by regulating excitotoxicity and neuroinflammation. Translational Psychiatry, 2016, 6, e865-e865.	4.8	141
155	Characterization of the Kynurenine Pathway in CD8+ Human Primary Monocyte-Derived Dendritic Cells. Neurotoxicity Research, 2016, 30, 620-632.	2.7	8
156	CCNF mutations in amyotrophic lateral sclerosis and frontotemporal dementia. Nature Communications, 2016, 7, 11253.	12.8	174
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