

Mohmad Farooq Shaikh

List of Publications by Year in descending order

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102
papers

2,354
citations

257450

24
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265206

42
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105
all docs

105
docs citations

105
times ranked

2947
citing authors

#	ARTICLE	IF	CITATIONS
1	Poloxamer 188 (P188), A Potential Polymeric Protective Agent for Central Nervous System Disorders: A Systematic Review. <i>Current Neuropharmacology</i> , 2022, 20, 799-808.	2.9	7
2	Medical Technology: A Systematic Review on Medical Devices Utilized for Epilepsy Prediction and Management. <i>Current Neuropharmacology</i> , 2022, 20, 950-964.	2.9	3
3	The Role of High Mobility Group Box 1 (HMGB1) in Neurodegeneration: A Systematic Review. <i>Current Neuropharmacology</i> , 2022, 20, 2221-2245.	2.9	3
4	Epilepsy-associated comorbidities among adults: A plausible therapeutic role of gut microbiota. <i>Neurobiology of Disease</i> , 2022, 165, 105648.	4.4	9
5	Nanotechnological Advances in the Treatment of Epilepsy. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, 994-1003.	1.4	4
6	Embelin prevents amyloid-beta accumulation via modulation of SOD1 in a Streptozotocin-induced AD-like condition: An evidence from in vitro investigation. <i>Current Research in Neurobiology</i> , 2022, 3, 100032.	2.3	2
7	An Interplay Between Post-Traumatic Epilepsy and Associated Cognitive Decline: A Systematic Review. <i>Frontiers in Neurology</i> , 2022, 13, 827571.	2.4	7
8	ANTIOXIDANT CAPABILITIES OF <i>Litsea garciae</i> BARK EXTRACTS AND THEIR RELATION TO THE PHYTOCHEMICAL COMPOSITIONS. , 2022, 51, 99-118.		2
9	Channa Striatus Protects Against PTZ-Induced Seizures in LPS Pre-conditioned Zebrafish Model. <i>Frontiers in Pharmacology</i> , 2022, 13, 821618.	3.5	2
10	Unlocking sociocultural and community factors for the global adoption of genomic medicine. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 191.	2.7	1
11	Chemotherapeutic Role of Polyphenols Present in <i>Ocimum sanctum</i> . <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 3325-3342.	1.7	5
12	Pivotal Role of Fyn Kinase in Parkinson's Disease and Levodopa-Induced Dyskinesia: a Novel Therapeutic Target?. <i>Molecular Neurobiology</i> , 2021, 58, 1372-1391.	4.0	20
13	Methods to Investigate Seizures and Associated Cognitive Decline Using Zebrafish Model. <i>Neuromethods</i> , 2021, , 221-232.	0.3	0
14	Protective Effect of Natural Products against Huntington's Disease: An Overview of Scientific Evidence and Understanding Their Mechanism of Action. <i>ACS Chemical Neuroscience</i> , 2021, 12, 391-418.	3.5	34
15	The utilization of small non-mammals in traumatic brain injury research: A systematic review. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 381-402.	3.9	7
16	Immunoreactivity of Muscarinic Acetylcholine M2 and Serotonin 5-HT2B Receptors, Norepinephrine Transporter and Kir Channels in a Model of Epilepsy. <i>Life</i> , 2021, 11, 276.	2.4	7
17	Re-visiting pH-adjusted potassium to avoid hypokalemic crisis during management of diabetic ketoacidosis: A conceptual framework. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2021, 15, 573-580.	3.6	1
18	Melatonin as an Antiepileptic Molecule: Therapeutic Implications via Neuroprotective and Inflammatory Mechanisms. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1281-1292.	3.5	11

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19	Aducanumab for Alzheimer's disease: An update. <i>Neuroscience Research Notes</i> , 2021, 4, 17-20.	0.8	3
20	Multi-Platform Metabolomics Analyses Revealed the Complexity of Serum Metabolites in LPS-Induced Neuroinflamed Rats Treated with <i>Clinacanthus nutans</i> Aqueous Extract. <i>Frontiers in Pharmacology</i> , 2021, 12, 629561.	3.5	3
21	<i>Orthosiphon stamineus</i> Proteins Alleviate Hydrogen Peroxide Stress in SH-SY5Y Cells. <i>Life</i> , 2021, 11, 585.	2.4	1
22	Cardiorespiratory findings in epilepsy: A recent review on outcomes and pathophysiology. <i>Journal of Neuroscience Research</i> , 2021, 99, 2059-2073.	2.9	9
23	Mapping the role of pH-adjusted potassium in diabetic ketoacidosis: Hypokalemia and the patient outcomes. <i>International Journal of Clinical Practice</i> , 2021, 75, e14315.	1.7	2
24	A Perspective on the Impact of COVID-19 Pandemic on Basic Science Research and its Future Implications. <i>Coronaviruses</i> , 2021, 2, .	0.3	0
25	Naturally Occurring HMGB1 Inhibitor, Glycyrrhizin, Modulates Chronic Seizures-Induced Memory Dysfunction in Zebrafish Model. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3288-3302.	3.5	16
26	Elucidating the Potential Side Effects of Current Anti-Seizure Drugs for Epilepsy. <i>Current Neuropharmacology</i> , 2021, 19, 1865-1883.	2.9	18
27	Mechanism of <i>Curcuma longa</i> and Its Neuroactive Components for the Management of Epileptic Seizures: A Systematic Review. <i>Current Neuropharmacology</i> , 2021, 19, 1496-1518.	2.9	6
28	Nanoencapsulation of Polyphenols as Drugs and Supplements for Enhancing Therapeutic Profile - A Review. <i>Current Molecular Pharmacology</i> , 2021, 14, .	1.5	8
29	Fruits for Seizures? A Systematic Review on the Potential Anti- Convulsant Effects of Fruits and its Phytochemicals. <i>Current Neuropharmacology</i> , 2021, 19, .	2.9	1
30	Identification of curcumin analogues with anti-seizure potential in vivo using chemical and genetic zebrafish larva seizure models. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112035.	5.6	9
31	Impact of the COVID-19 Lockdown in Malaysia: An Examination of the Psychological Well-Being of Parent-Child Dyads and Child Behavior in Families With Children on the Autism Spectrum. <i>Frontiers in Psychiatry</i> , 2021, 12, 733905.	2.6	11
32	Investigating the role of muscarinic acetylcholine M2 and serotonin 5-HT _{2B} receptors, norepinephrine transporter and Kir channels in a pentylenetetrazol-kindling model of epilepsy. <i>Journal of the Neurological Sciences</i> , 2021, 429, 117714.	0.6	0
33	Is Aducanumab for LMICs? Promises and Challenges. <i>Brain Sciences</i> , 2021, 11, 1547.	2.3	5
34	Isolation and Characterization of A2-EPTX-Nsm1a, a Secretory Phospholipase A2 from Malaysian Spitting Cobra (<i>Naja sumatrana</i>) Venom. <i>Toxins</i> , 2021, 13, 859.	3.4	3
35	Alcohol, Aggression, and Violence: From Public Health to Neuroscience. <i>Frontiers in Psychology</i> , 2021, 12, 699726.	2.1	32
36	Emerging neuroprotective effect of metformin in Parkinson's disease: A molecular crosstalk. <i>Pharmacological Research</i> , 2020, 152, 104593.	7.1	53

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37	Gut Microbiota and Epilepsy: A Systematic Review on Their Relationship and Possible Therapeutics. ACS Chemical Neuroscience, 2020, 11, 3488-3498.	3.5	26
38	Editorial: Experimental & Clinical Epilepsy and Related Comorbidities. Frontiers in Pharmacology, 2020, 11, 592448.	3.5	0
39	Role of Innate Immune Receptor TLR4 and its endogenous ligands in epileptogenesis. Pharmacological Research, 2020, 160, 105172.	7.1	26
40	Alcohol Use Disorder, Neurodegeneration, Alzheimerâ€™s and Parkinsonâ€™s Disease: Interplay Between Oxidative Stress, Neuroimmune Response and Excitotoxicity. Frontiers in Cellular Neuroscience, 2020, 14, 282.	3.7	76
41	The anti-neuroinflammatory effects of Clinacanthus nutans leaf extract on metabolism elucidated through 1H NMR in correlation with cytokines microarray. PLoS ONE, 2020, 15, e0238503.	2.5	5
42	Evaluation of Anti-Convulsive Properties of Aqueous Kava Extract on Zebrafish Using the PTZ-Induced Seizure Model. Brain Sciences, 2020, 10, 541.	2.3	5
43	A Systematic Review of the Protective Actions of Catâ€™s Whiskers (Misai Kucing) on the Central Nervous System. Frontiers in Pharmacology, 2020, 11, 692.	3.5	10
44	Orthosiphon stamineus Standardized Extract Reverses Streptozotocin-Induced Alzheimerâ€™s Disease-Like Condition in a Rat Model. Biomedicines, 2020, 8, 104.	3.2	13
45	Tumor Necrosis Factor- α , the Pathological Key to Post-Traumatic Epilepsy: A Comprehensive Systematic Review. ACS Chemical Neuroscience, 2020, 11, 1900-1908.	3.5	10
46	Increased ACh-Associated Immunoreactivity in Autonomic Centers in PTZ Kindling Model of Epilepsy. Biomedicines, 2020, 8, 113.	3.2	13
47	Animal Models of Metabolic Epilepsy and Epilepsy Associated Metabolic Dysfunction: A Systematic Review. Pharmaceuticals, 2020, 13, 106.	3.8	13
48	Revisiting the Impact of Neurodegenerative Proteins in Epilepsy: Focus on Alpha-Synuclein, Beta-Amyloid, and Tau. Biology, 2020, 9, 122.	2.8	14
49	Flotillin: A Promising Biomarker for Alzheimerâ€™s Disease. Journal of Personalized Medicine, 2020, 10, 20.	2.5	19
50	HMGB1-Mediated Neuroinflammatory Responses in Brain Injuries: Potential Mechanisms and Therapeutic Opportunities. International Journal of Molecular Sciences, 2020, 21, 4609.	4.1	56
51	Orthosiphon stamineus Proteins Alleviate Pentylentetrazol-Induced Seizures in Zebrafish. Biomedicines, 2020, 8, 191.	3.2	12
52	Potential Neuroprotective Effect of the HMGB1 Inhibitor Glycyrrhizin in Neurological Disorders. ACS Chemical Neuroscience, 2020, 11, 485-500.	3.5	49
53	Lymphocyte-Activation Gene 3 (LAG3) Protein as a Possible Therapeutic Target for Parkinsonâ€™s Disease: Molecular Mechanisms Connecting Neuroinflammation to α -Synuclein Spreading Pathology. Biology, 2020, 9, 86.	2.8	19
54	Pilocarpine Induced Behavioral and Biochemical Alterations in Chronic Seizure-Like Condition in Adult Zebrafish. International Journal of Molecular Sciences, 2020, 21, 2492.	4.1	21

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55	Implication of HMGB1 signaling pathways in Amyotrophic lateral sclerosis (ALS): From molecular mechanisms to pre-clinical results. <i>Pharmacological Research</i> , 2020, 156, 104792.	7.1	17
56	The Gut-Brain-Axis on the Manifestation of Depressive Symptoms in Epilepsy: An Evidence-Driven Hypothesis. <i>Frontiers in Pharmacology</i> , 2020, 11, 465.	3.5	12
57	Anti-High Mobility Group Box-1 Monoclonal Antibody Attenuates Seizure-Induced Cognitive Decline by Suppressing Neuroinflammation in an Adult Zebrafish Model. <i>Frontiers in Pharmacology</i> , 2020, 11, 613009.	3.5	10
58	Fractalkine (CX3CL1) signaling and neuroinflammation in Parkinson's disease: Potential clinical and therapeutic implications. <i>Pharmacological Research</i> , 2020, 158, 104930.	7.1	39
59	From the Molecular Mechanism to Pre-clinical Results: Anti-epileptic Effects of Fingolimod. <i>Current Neuropharmacology</i> , 2020, 18, 1126-1137.	2.9	15
60	Impact of HMGB1, RAGE, and TLR4 in Alzheimer's Disease (AD): From Risk Factors to Therapeutic Targeting. <i>Cells</i> , 2020, 9, 383.	4.1	146
61	Molecules of Interest " Karanjin " A Review. <i>Pharmacognosy Journal</i> , 2020, 12, 938-945.	0.8	8
62	COVID-19 and mental health: Our reactions to its actions. <i>Neuroscience Research Notes</i> , 2020, 3, 1-3.	0.8	1
63	Current status of traumatic brain injury research in Malaysia: A systematic review. <i>Neuroscience Research Notes</i> , 2020, 3, 1-21.	0.8	5
64	Melatonin receptor agonist Piper betle L. ameliorates dexamethasone-induced early life stress in adult zebrafish. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 1407-1416.	1.8	6
65	AMPA receptor GluA2 subunit defects are a cause of neurodevelopmental disorders. <i>Nature Communications</i> , 2019, 10, 3094.	12.8	150
66	Embelin Improves the Spatial Memory and Hippocampal Long-Term Potentiation in a Rat Model of Chronic Cerebral Hypoperfusion. <i>Scientific Reports</i> , 2019, 9, 14507.	3.3	34
67	Tau Related Pathways as a Connecting Link between Epilepsy and Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4199-4212.	3.5	27
68	Biallelic mutations in neurofascin cause neurodevelopmental impairment and peripheral demyelination. <i>Brain</i> , 2019, 142, 2948-2964.	7.6	43
69	Embelin Protects Against Acute Pentylentetrazole-Induced Seizures and Positively Modulates Cognitive Function in Adult Zebrafish. <i>Frontiers in Pharmacology</i> , 2019, 10, 1249.	3.5	13
70	Enlightening the role of high mobility group box 1 (HMGB1) in inflammation: Updates on receptor signalling. <i>European Journal of Pharmacology</i> , 2019, 858, 172487.	3.5	134
71	Embelin, a Potent Molecule for Alzheimer's Disease: A Proof of Concept From Blood-Brain Barrier Permeability, Acetylcholinesterase Inhibition and Molecular Docking Studies. <i>Frontiers in Neuroscience</i> , 2019, 13, 495.	2.8	21
72	<i>PDXK</i> mutations cause polyneuropathy responsive to pyridoxal 5-phosphate supplementation. <i>Annals of Neurology</i> , 2019, 86, 225-240.	5.3	54

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73	Editorial: Experimental Models of Epilepsy and Related Comorbidities. <i>Frontiers in Pharmacology</i> , 2019, 10, 179.	3.5	3
74	Embelin Prevents Seizure and Associated Cognitive Impairments in a Pentylenetetrazole-Induced Kindling Zebrafish Model. <i>Frontiers in Pharmacology</i> , 2019, 10, 315.	3.5	37
75	Effect of newer anti-epileptic drugs (AEDs) on the cognitive status in pentylenetetrazol induced seizures in a zebrafish model. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 483-493.	4.8	27
76	Ethanollic Extract of <i>Orthosiphon stamineus</i> Improves Memory in Scopolamine-Induced Amnesia Model. <i>Frontiers in Pharmacology</i> , 2019, 10, 1216.	3.5	11
77	Inflammation: Cause or Consequence of Epilepsy?. , 2019, , .		2
78	High mobility group box 1 (<scp>HMGB</scp>1) as a novel frontier in epileptogenesis: from pathogenesis to therapeutic approaches. <i>Journal of Neurochemistry</i> , 2019, 151, 542-557.	3.9	68
79	Nanotechnological Approaches for Management of NeuroAIDS. , 2019, , 165-196.		1
80	Epilepsy and Comorbidities: Towards unraveling the common underlying mechanisms. <i>Neuroscience Research Notes</i> , 2019, 1, 1-4.	0.8	2
81	The treatment of epileptic seizures: the potential of Malaysian medicinal plants. <i>Neuroscience Research Notes</i> , 2019, 1, 35-53.	0.8	1
82	Effects of leaf extract on lipopolysaccharide -induced neuroinflammation in rats: A behavioral and H NMR-based metabolomics study. <i>Avicenna Journal of Phytomedicine</i> , 2019, 9, 164-186.	0.2	6
83	Zebrafish Model of Cognitive Dysfunction. , 2018, , .		1
84	HMGB1: A Common Biomarker and Potential Target for TBI, Neuroinflammation, Epilepsy, and Cognitive Dysfunction. <i>Frontiers in Neuroscience</i> , 2018, 12, 628.	2.8	206
85	<i>Orthosiphon stamineus</i> Leaf Extract Affects TNF- α and Seizures in a Zebrafish Model. <i>Frontiers in Pharmacology</i> , 2018, 9, 139.	3.5	34
86	A Systematic Review on Non-mammalian Models in Epilepsy Research. <i>Frontiers in Pharmacology</i> , 2018, 9, 655.	3.5	18
87	Amelioration of Cognitive Deficit by Embelin in a Scopolamine-Induced Alzheimer's Disease-Like Condition in a Rat Model. <i>Frontiers in Pharmacology</i> , 2018, 9, 665.	3.5	57
88	Treatment, Therapy and Management of Metabolic Epilepsy: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 871.	4.1	22
89	Role of inflammation in epilepsy and neurobehavioral comorbidities: Implication for therapy. <i>European Journal of Pharmacology</i> , 2018, 837, 145-155.	3.5	98
90	Neuroactive drugsâ€“A perspective on drugs of synthetic and medicinal plants origin. <i>Pharmacy & Pharmacology International Journal</i> , 2018, 6, .	0.2	0

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91	Acute toxicity profiling of the ethyl acetate fraction of <i>Swietenia macrophylla</i> seeds and in - vitro neuroprotection studies. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 196-205.	2.7	23
92	Effect of Pelargonidin isolated from <i>Ficus benghalensis</i> L. on phenotypic changes in zebrafish (<i>Danio</i>) Tj ETQq0 0 0 ggBT /Overlock 10 Tf 2.7	2.7	7
93	Plant Derived Phytocompound, Embelin in CNS Disorders: A Systematic Review. <i>Frontiers in Pharmacology</i> , 2017, 8, 76.	3.5	44
94	Zebrafish as a Model for Epilepsy-Induced Cognitive Dysfunction: A Pharmacological, Biochemical and Behavioral Approach. <i>Frontiers in Pharmacology</i> , 2017, 8, 515.	3.5	83
95	Zebrafish: A Versatile Animal Model for Fertility Research. <i>BioMed Research International</i> , 2016, 2016, 1-20.	1.9	67
96	Reverse Pharmacology: Fast Track Path of Drug Discovery. <i>Pharmacy & Pharmacology International Journal</i> , 2016, 4, .	0.2	3
97	The impact of epilepsy on the manifestation of anxiety disorder. <i>International Journal of Nutrition, Pharmacology, Neurological Diseases</i> , 2016, 6, 3.	0.5	9
98	A Review on Natural Therapy for Seizure Disorders. <i>Pharmacy & Pharmacology International Journal</i> , 2015, 3, .	0.2	1
99	Characterization of anticonvulsant and antiepileptogenic potential of thymol in various experimental models. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014, 387, 59-66.	3.0	42
100	Anticonvulsant screening of luteolin in four mouse seizure models. <i>Neuroscience Letters</i> , 2013, 550, 195-199.	2.1	25
101	Effect of <i>Eclipta alba</i> on acute seizure models: a GABAA-mediated effect. <i>Indian Journal of Pharmaceutical Sciences</i> , 2013, 75, 380.	1.0	16
102	The Role of Neuroinflammatory Mediators in the Pathogenesis of Traumatic Brain Injury: A Narrative Review. <i>ACS Chemical Neuroscience</i> , 0, , .	3.5	13