

Badrah Alghamdi

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

893
citations

758635

12
h-index

525886

27
g-index

52
all docs

52
docs citations

52
times ranked

1202
citing authors

#	ARTICLE	IF	CITATIONS
1	Minor to Moderate Side Effects of Pfizer-BioNTech COVID-19 Vaccine Among Saudi Residents: A Retrospective Cross-Sectional Study. <i>International Journal of General Medicine</i> , 2021, Volume 14, 1389-1401.	0.8	168
2	The neuroprotective role of melatonin in neurological disorders. <i>Journal of Neuroscience Research</i> , 2018, 96, 1136-1149.	1.3	154
3	Therapeutic use of chloroquine and hydroxychloroquine in COVID-19 and other viral infections: A narrative review. <i>Travel Medicine and Infectious Disease</i> , 2020, 35, 101735.	1.5	94
4	Epigenetics of glioblastoma multiforme: From molecular mechanisms to therapeutic approaches. <i>Seminars in Cancer Biology</i> , 2022, 83, 100-120.	4.3	85
5	Effects of melatonin and resveratrol on recognition memory and passive avoidance performance in a mouse model of Alzheimer's disease. <i>Behavioural Brain Research</i> , 2021, 402, 113100.	1.2	43
6	Prevalence of post-traumatic stress disorder during the COVID-19 pandemic in Saudi Arabia. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1666-1673.	1.2	33
7	Possible prophylactic anti-excitotoxic and anti-oxidant effects of virgin coconut oil on aluminium chloride-induced Alzheimer's disease in rat models. <i>Journal of Integrative Neuroscience</i> , 2018, 17, 593-607.	0.8	28
8	Neuroprotective Effects of Melatonin during Demyelination and Remyelination Stages in a Mouse Model of Multiple Sclerosis. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 386-402.	1.1	27
9	Tilianin Ameliorates Cognitive Dysfunction and Neuronal Damage in Rats with Vascular Dementia via p-CaMKII/ERK/CREB and ox-CaMKII-Dependent MAPK/NF- κ B Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	1.9	22
10	Neural Stem Cell-Based Therapies and Glioblastoma Management: Current Evidence and Clinical Challenges. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2258.	1.8	20
11	Phenotype overlap in glial cell populations: astroglia, oligodendroglia and NG-2(+) cells. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 49.	0.9	19
12	A deep neural network-based approach for prediction of mutagenicity of compounds. <i>Environmental Science and Pollution Research</i> , 2021, 28, 47641-47650.	2.7	17
13	Melatonin improves memory defects in a mouse model of multiple sclerosis by up-regulating cAMP-response element-binding protein and synapse-associated proteins in the prefrontal cortex. <i>Journal of Integrative Neuroscience</i> , 2020, 19, 229.	0.8	13
14	Relationship Between Public Mental Health and Immune Status During the COVID-19 Pandemic: Cross-Sectional Data from Saudi Arabia. <i>Risk Management and Healthcare Policy</i> , 2021, Volume 14, 1439-1447.	1.2	11
15	Melatonin Improves Short-Term Spatial Memory in a Mouse Model of Alzheimer's Disease. <i>Degenerative Neurological and Neuromuscular Disease</i> , 2021, Volume 11, 15-27.	0.7	10
16	Psychological Distress During COVID-19 Curfews and Social Distancing in Saudi Arabia: A Cross-Sectional Study. <i>Frontiers in Public Health</i> , 2021, 9, 792533.	1.3	10
17	The Impact of Chronic Unpredictable Mild Stress-Induced Depression on Spatial, Recognition and Reference Memory Tasks in Mice: Behavioral and Histological Study. <i>Behavioral Sciences (Basel)</i> , 2021, 10, 104.	1.0	10
18	The Effect of Short-Term Feeding of a High-Coconut Oil or High-Fat Diet on Neuroinflammation and the Performance of an Object-Place Task in Rats. <i>Neurochemical Research</i> , 2021, 46, 287-298.	1.6	9

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19	Efficacy of calcitonin gene-related peptide (CGRP) receptor blockers in reducing the number of monthly migraine headache days (MHDs): A network meta-analysis of randomized controlled trials. <i>Journal of the Neurological Sciences</i> , 2021, 427, 117505.	0.3	9
20	Health Literacy, Perceived Threat, and Posttraumatic Stress Disorder During the COVID-19 Pandemic in Saudi Arabia. <i>Risk Management and Healthcare Policy</i> , 2020, Volume 13, 3147-3153.	1.2	9
21	Interaction Analysis of MRP1 with Anticancer Drugs Used in Ovarian Cancer: In Silico Approach. <i>Life</i> , 2022, 12, 383.	1.1	9
22	The relationship between CD204 M2-polarized tumour-associated macrophages (TAMs), tumour-infiltrating lymphocytes (TILs), and microglial activation in glioblastoma microenvironment: a novel immune checkpoint receptor target. <i>Discover Oncology</i> , 2021, 12, 28.	0.8	8
23	Investigation of the optimal dose for experimental lipopolysaccharide-induced recognition memory impairment: behavioral and histological studies. <i>Journal of Integrative Neuroscience</i> , 2022, 21, 049.	0.8	8
24	Biochanin A Improves Memory Decline and Brain Pathology in Cuprizone-Induced Mouse Model of Multiple Sclerosis. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2022, 12, 70.	1.0	8
25	Depression, anxiety and stress in Saudi migraine patients using DASS-21: local population-based cross-sectional survey. <i>International Journal of Neuroscience</i> , 2023, 133, 248-256.	0.8	6
26	Application of Three Ecological Assessment Tools in Examining Chromatographic Methods for the Green Analysis of a Mixture of Dopamine, Serotonin, Glutamate and GABA: A Comparative Study. <i>Molecules</i> , 2021, 26, 5436.	1.7	6
27	BrainFD: Measuring the Intracranial Brain Volume With Fractal Dimension. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 765185.	1.7	6
28	Role of ADMA/DDAH-1 and iNOS/eNOS signaling in the gastroprotective effect of tadalafil against indomethacin-induced gastric injury. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 113026.	2.5	6
29	The Impact of IDH1 Mutation and MGMT Promoter Methylation on Recurrence-Free Interval in Glioblastoma Patients Treated With Radiotherapy and Chemotherapeutic Agents. <i>Pathology and Oncology Research</i> , 2021, 27, 1609778.	0.9	5
30	Melatonin Blocks Morphine-Induced Place Preference: Involvement of GLT-1, NF- κ B, BDNF, and CREB in the Nucleus Accumbens. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 762297.	1.0	5
31	Melatonin attenuates morphine-induced conditioned place preference in Wistar rats. <i>Brain and Behavior</i> , 2021, 11, e2397.	1.0	5
32	Involvement of Phytochemical-Encapsulated Nanoparticles TM Interaction with Cellular Signalling in the Amelioration of Benign and Malignant Brain Tumours. <i>Molecules</i> , 2022, 27, 3561.	1.7	5
33	The Effect of Melatonin and Exercise on Social Isolation-Related Behavioral Changes in Aged Rats. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 828965.	1.7	4
34	Epidemiological distribution of primary central nervous system tumors in the Western Province of Saudi Arabia: a local registry from neuroscience-affiliated centers. <i>Epidemiology and Health</i> , 2021, 43, e2021037.	0.8	3
35	Galectin-3: A Novel Marker for the Prediction of Stroke Incidence and Clinical Prognosis. <i>Mediators of Inflammation</i> , 2022, 2022, 1-10.	1.4	3
36	Standardizing the Effective Correlated Dosage of Olanzapine and Empagliflozin in Female Wistar Rats. <i>Current Gene Therapy</i> , 2021, 21, 53-59.	0.9	2

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37	Empagliflozin Effectively Attenuates Olanzapine-Induced Body Weight Gain in Female Wistar Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 578716.	1.6	2
38	Endothelin-1 induced global ischaemia in adult zebrafish: A model with novel entity of stroke research. <i>Journal of Chemical Neuroanatomy</i> , 2021, 118, 102025.	1.0	2
39	Is granulovacuolar degeneration an essential pathological component of Alzheimer's disease? A review of the pathogenesis and histochemistry of old studies. <i>Folia Neuropathologica</i> , 2020, 58, 277-286.	0.5	2
40	Migraine-Related Disabilities Among Saudi Migraine Patients and Its Association with Social Factors. <i>Archives of Neuroscience</i> , 2021, 8, .	0.1	1
41	Prognostic value of TP53 expression and MGMT methylation in glioblastoma patients treated with temozolomide combined with other chemotherapies. <i>Journal of Neuro-Oncology</i> , 2021, 152, 541-549.	1.4	1
42	Alzheimer's Disease-Related Psychosis: An Overview of Clinical Manifestations, Pathogenesis, and Current Treatment. <i>Current Alzheimer Research</i> , 2022, 19, 285-301.	0.7	1
43	Globular glial tauopathy, a newly recognized white matter tauopathy, with depression/anxiety disorder: report and review of classification. <i>Folia Neuropathologica</i> , 2021, 59, 98-103.	0.5	0
44	Sensitivity Assessment of Wilms Tumor Gene (WT1) Expression in Glioblastoma using qPCR and Immunohistochemistry and its Association with IDH1 Mutation and Recurrence Interval. <i>Biologics: Targets and Therapy</i> , 2021, Volume 15, 289-297.	3.0	0
45	Protective Effects of Melatonin in Corpus Callosum Astrocytes during Ischemia in Transgenic Mice. <i>Saudi Endodontic Journal</i> , 2018, 8, 13-23.	0.0	0
46	Preferences of Academic Researches and Pattern of Utilization of Behavior Laboratory Science for Preclinical Researches - a Cross Sectional Study. <i>Medicinski Arhiv = Medical Archives = Archives De Médecine</i> , 2019, 73, 222.	0.4	0
47	Vitamin D3 Improves Behavioral Dysfunction and Promotes Remyelination in Multiple Sclerosis Model Induced by Cuprizone. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 59, 103624.	0.9	0
48	Computational insight into the binding of bryostatin 1 with ferritin: implication of natural compounds in Alzheimer's disease therapeutics. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 5635-5645.	2.0	0