

# Badrah Alghamdi

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42  
papers

364  
citations

9  
h-index

18  
g-index

52  
ext. papers

622  
ext. citations

3.9  
avg, IF

4.98  
L-index

#	Paper	IF	Citations
42	The neuroprotective role of melatonin in neurological disorders. <i>Journal of Neuroscience Research</i> , <b>2018</b> , 96, 1136-1149	4.4	90
41	Therapeutic use of chloroquine and hydroxychloroquine in COVID-19 and other viral infections: A narrative review. <i>Travel Medicine and Infectious Disease</i> , <b>2020</b> , 35, 101735	8.4	71
40	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> , <b>2021</b> , 14, 1389-1401	2.3	51
39	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> , <b>2021</b> , 402, 113100	3.4	20
38	Epigenetics of glioblastoma multiforme: From molecular mechanisms to therapeutic approaches. <i>Seminars in Cancer Biology</i> , <b>2020</b> ,	12.7	18
37	Prevalence of post-traumatic stress disorder during the COVID-19 pandemic in Saudi Arabia. <i>Saudi Pharmaceutical Journal</i> , <b>2020</b> , 28, 1666-1673	4.4	16
36	Phenotype overlap in glial cell populations: astroglia, oligodendroglia and NG-2(+) cells. <i>Frontiers in Neuroanatomy</i> , <b>2015</b> , 9, 49	3.6	16
35	Possible prophylactic anti-excitotoxic and anti-oxidant effects of virgin coconut oil on aluminium chloride-induced Alzheimer's in rat models. <i>Journal of Integrative Neuroscience</i> , <b>2018</b> , 17, 593-607	1.5	15
34	Neuroprotective Effects of Melatonin during Demyelination and Remyelination Stages in a Mouse Model of Multiple Sclerosis. <i>Journal of Molecular Neuroscience</i> , <b>2020</b> , 70, 386-402	3.3	15
33	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> , <b>2020</b> , 19, 229-237	1.5	6
32	Tilianin Ameliorates Cognitive Dysfunction and Neuronal Damage in Rats with Vascular Dementia via p-CaMKII/ERK/CREB and ox-CaMKII-Dependent MAPK/NF-B Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 6673967	6.7	6
31	Health Literacy, Perceived Threat, and Posttraumatic Stress Disorder During the COVID-19 Pandemic in Saudi Arabia. <i>Risk Management and Healthcare Policy</i> , <b>2020</b> , 13, 3147-3153	2.8	4
30	Melatonin Improves Short-Term Spatial Memory in a Mouse Model of Alzheimer's Disease. <i>Degenerative Neurological and Neuromuscular Disease</i> , <b>2021</b> , 11, 15-27	5.4	4
29	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> , <b>2021</b> , 46, 287-298	4.6	4
28	Neural Stem Cell-Based Therapies and Glioblastoma Management: Current Evidence and Clinical Challenges. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
27	Psychological Distress during COVID-19 Curfews and Social Distancing in Saudi Arabia: A Cross-Sectional Study		3
26	A deep neural network-based approach for prediction of mutagenicity of compounds. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 47641-47650	5.1	3

25	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> , <b>2021</b> , 14, 1439-1447	2.8	3
24	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> , <b>2021</b> , 427, 117505	3.2	3
23	The Effect of Melatonin and Exercise on Social Isolation-Related Behavioral Changes in Aged Rats.. <i>Frontiers in Aging Neuroscience</i> , <b>2022</b> , 14, 828965	5.3	2
22	The relationship between CD204 -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> , <b>2021</b> , 12, 28		2
21	Psychological Distress During COVID-19 Curfews and Social Distancing in Saudi Arabia: A Cross-Sectional Study.. <i>Frontiers in Public Health</i> , <b>2021</b> , 9, 792533	6	1
20	Melatonin attenuates morphine-induced conditioned place preference in Wistar rats. <i>Brain and Behavior</i> , <b>2021</b> , 11, e2397	3.4	1
19	Empagliflozin Effectively Attenuates Olanzapine-Induced Body Weight Gain in Female Wistar Rats. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 578716	5.6	1
18	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> , <b>2021</b> , 43, e2021037	5.6	1
17	Standardizing the Effective Correlated Dosage of Olanzapine and Empagliflozin in Female Wistar Rats. <i>Current Gene Therapy</i> , <b>2021</b> , 21, 53-59	4.3	1
16	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> , <b>2021</b> , 26,	4.8	1
15	BrainFD: Measuring the Intracranial Brain Volume With Fractal Dimension.. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 765185	5.3	0
14	Melatonin Blocks Morphine-Induced Place Preference: Involvement of GLT-1, NF- $\kappa$ B, BDNF, and CREB in the Nucleus Accumbens. <i>Frontiers in Behavioral Neuroscience</i> , <b>2021</b> , 15, 762297	3.5	0
13	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> , <b>2020</b> , 58, 277-286	2.6	0
12	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> , <b>2021</b> , 27, 1609778	2.6	0
11	Depression, anxiety and stress in Saudi migraine patients using DASS-21: local population-based cross-sectional survey. <i>International Journal of Neuroscience</i> , <b>2021</b> , 1-9	2	0
10	Investigation of the optimal dose for experimental lipopolysaccharide-induced recognition memory impairment: behavioral and histological studies.. <i>Journal of Integrative Neuroscience</i> , <b>2022</b> , 21, 49	1.5	0
9	Galectin-3: A Novel Marker for the Prediction of Stroke Incidence and Clinical Prognosis.. <i>Mediators of Inflammation</i> , <b>2022</b> , 2022, 2924773	4.3	0
8	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> , <b>2022</b> , 150, 113026	7.5	0

7	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, Switzerland)</i> , <b>2022</b> , 12, 166	2.3	○
6	Involvement of Phytochemical-Encapsulated Nanoparticles Interaction with Cellular Signalling in the Amelioration of Benign and Malignant Brain Tumours. <i>Molecules</i> , <b>2022</b> , 27, 3561	4.8	○
5	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 Medecine</i> , <b>2019</b> , 73, 222-227	1.2	
4	Prognostic value of TP53 expression and MGMT methylation in glioblastoma patients treated with temozolomide combined with other chemotherapies. <i>Journal of Neuro-Oncology</i> , <b>2021</b> , 152, 541-549	4.8	
3	Sensitivity Assessment of Wilms Tumor Gene () Expression in Glioblastoma using qPCR and Immunohistochemistry and its Association with Mutation and Recurrence Interval. <i>Biologics: Targets and Therapy</i> , <b>2021</b> , 15, 289-297	4.4	
2	Globular glial tauopathy, a newly recognized white matter tauopathy, with depression/anxiety disorder: report and review of classification. <i>Folia Neuropathologica</i> , <b>2021</b> , 59, 98-103	2.6	
1	Endothelin-1 induced global ischaemia in adult zebrafish: A model with novel entity of stroke research. <i>Journal of Chemical Neuroanatomy</i> , <b>2021</b> , 118, 102025	3.2	