

# Basel A Abdel-Wahab

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,056  
citations

361045

20  
h-index

454577

30  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in nanotechnology-based drug carrier in designing of curcumin nanomedicines for cancer therapy: current state-of-the-art. <i>Journal of Drug Targeting</i> , 2016, 24, 273-293.	2.1	73
2	Venlafaxine protects against stress-induced oxidative DNA damage in hippocampus during antidepressant testing in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 100, 59-65.	1.3	68
3	Knowledge and awareness of adverse drug reactions and pharmacovigilance practices among healthcare professionals in Al-Madinah Al-Munawwarah, Kingdom of Saudi Arabia. <i>Saudi Pharmaceutical Journal</i> , 2015, 23, 154-161.	1.2	59
4	Ginkgo biloba protects against intermittent hypoxia-induced memory deficits and hippocampal DNA damage in rats. <i>Phytomedicine</i> , 2012, 19, 444-450.	2.3	55
5	Progress in nanomedicine-based drug delivery in designing of chitosan nanoparticles for cancer therapy. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 602-623.	1.8	55
6	Clozapine-Induced Cardiotoxicity: Role of Oxidative Stress, Tumour Necrosis Factor Alpha and NF- $\kappa$ B. <i>Cardiovascular Toxicology</i> , 2015, 15, 355-365.	1.1	53
7	Protective effect of captopril against clozapine-induced myocarditis in rats: Role of oxidative stress, proinflammatory cytokines and DNA damage. <i>Chemico-Biological Interactions</i> , 2014, 216, 43-52.	1.7	47
8	Protective effect of resveratrol against chronic intermittent hypoxia-induced spatial memory deficits, hippocampal oxidative DNA damage and increased p47Phox NADPH oxidase expression in young rats. <i>Behavioural Brain Research</i> , 2016, 305, 65-75.	1.2	40
9	Moringa ( <i>Moringa oleifera</i> Lam.) polysaccharides: Extraction, characterization, bioactivities, and industrial application. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 763-778.	3.6	40
10	5-(4-Chlorophenyl)-5,6-dihydro-1,3-oxazepin-7(4H)-one derivatives as lipophilic cyclic analogues of baclofen: Design, synthesis, and neuropharmacological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7983-7991.	1.4	37
11	Transformation of Curcumin from Food Additive to Multifunctional Medicine: Nanotechnology Bridging the Gap. <i>Current Drug Discovery Technologies</i> , 2014, 11, 197-213.	0.6	37
12	Thymoquinone Loaded Topical Nanoemulgel for Wound Healing: Formulation Design and In-Vivo Evaluation. <i>Molecules</i> , 2021, 26, 3863.	1.7	36
13	Nephroprotective effect of umbelliferone against cisplatin-induced kidney damage is mediated by regulation of NRF2, cytoglobin, SIRT1/FOXO $\beta$ , and NF- $\kappa$ B/p65 signaling pathways. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22738.	1.4	29
14	Long-Term Moderate Dose Exogenous Erythropoietin Treatment Protects from Intermittent Hypoxia-Induced Spatial Learning Deficits and Hippocampal Oxidative Stress in Young Rats. <i>Neurochemical Research</i> , 2014, 39, 161-171.	1.6	28
15	Clozapine-induced cardiotoxicity in rats: Involvement of tumour necrosis factor alpha, NF- $\kappa$ B and caspase-3. <i>Toxicology Reports</i> , 2014, 1, 1213-1223.	1.6	26
16	A potential mechanism for the ameliorative effect of thymoquinone on pentylenetetrazole-induced kindling and cognitive impairments in mice. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 553-561.	2.5	25
17	Roflumilast protects from cisplatin-induced testicular toxicity in male rats and enhances its cytotoxicity in prostate cancer cell line. Role of NF- $\kappa$ B-p65, cAMP/PKA and Nrf2/HO-1, NQO1 signaling. <i>Food and Chemical Toxicology</i> , 2021, 151, 112133.	1.8	25
18	Hepatoprotective effect of rebamipide against methotrexate-induced hepatic intoxication: role of Nrf2/GSK-3 $\beta$ , NF- $\kappa$ B-p65/JAK1/STAT3, and PUMA/Bax/Bcl-2 signaling pathways. <i>Immunopharmacology and Immunotoxicology</i> , 2020, 42, 493-503.	1.1	24

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19	Acetylsalicylic Acid Suppresses Alcoholism-Induced Cognitive Impairment Associated with Atorvastatin Intake by Targeting Cerebral miRNA155 and NLRP3: In Vivo, and In Silico Study. <i>Pharmaceutics</i> , 2022, 14, 529.	2.0	24
20	Emerging advances in synthetic cancer nano-vaccines: opportunities and challenges. <i>Expert Review of Vaccines</i> , 2020, 19, 1053-1071.	2.0	23
21	Tadalafil alleviates cisplatin-induced reproductive toxicity through the activation of the Nrf2/HO-1 pathway and the inhibition of oxidative stress and apoptosis in male rats. <i>Reproductive Toxicology</i> , 2020, 96, 165-174.	1.3	22
22	Omega-3 fatty acids as adjunctive therapeutics: prospective of nanoparticles in its formulation development. <i>Therapeutic Delivery</i> , 2020, 11, 851-868.	1.2	20
23	Trans-ferulic acid ameliorates cisplatin-induced testicular damage via suppression of TLR4, P38-MAPK, and ERK1/2 signaling pathways. <i>Environmental Science and Pollution Research</i> , 2021, 28, 41948-41964.	2.7	19
24	Ginkgo biloba Enhances the Anticonvulsant and Neuroprotective Effects of Sodium Valproate Against Kainic Acid-induced Seizures in Mice. <i>Journal of Pharmacology and Toxicology</i> , 2011, 6, 679-690.	0.4	18
25	Omega 3 polyunsaturated fatty acids enhance the protective effect of levetiracetam against seizures, cognitive impairment and hippocampal oxidative DNA damage in young kindled rats. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 135, 105-113.	1.3	16
26	Hepatoprotective Role of Carvedilol against Ischemic Hepatitis Associated with Acute Heart Failure via Targeting miRNA-17 and Mitochondrial Dynamics-Related Proteins: An In Vivo and In Silico Study. <i>Pharmaceutics</i> , 2022, 15, 832.	1.7	16
27	Omega-3 polyunsaturated fatty acids in large doses attenuate seizures, cognitive impairment, and hippocampal oxidative DNA damage in young kindled rats. <i>Neuroscience Letters</i> , 2015, 584, 173-177.	1.0	15
28	Umbelliferone ameliorates ulcerative colitis induced by acetic acid via modulation of TLR4/NF- $\kappa$ B-p65/iNOS and SIRT1/PPAR $\gamma$ signaling pathways in rats. <i>Environmental Science and Pollution Research</i> , 2022, 29, 37644-37659.	2.7	15
29	Emerging advances in cationic liposomal cancer nanovaccines: opportunities and challenges. <i>Immunotherapy</i> , 2021, 13, 491-507.	1.0	12
30	Native Rhizospheric and Endophytic Fungi as Sustainable Sources of Plant Growth Promoting Traits to Improve Wheat Growth under Low Nitrogen Input. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 94.	1.5	12
31	Toxicity of Inorganic Nanoparticles Used in Targeted Drug Delivery and Other Biomedical Application: An Updated Account on Concern of Biomedical Nanotoxicology. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7873-7897.	0.9	10
32	Secondary Metabolites of Actinomycetales as Potent Quorum Sensing Inhibitors Targeting Gram-Positive Pathogens: In Vitro and In Silico Study. <i>Metabolites</i> , 2022, 12, 246.	1.3	9
33	Publics' Perceptions of Community Pharmacists and Satisfaction with Pharmacy Services in Al-Madinah City, Saudi Arabia: A Cross Sectional Study. <i>Medicina (Lithuania)</i> , 2022, 58, 432.	0.8	8
34	Piclamilast mitigates 1,2-dimethylhydrazine induced colon cancer in rats through modulation of Ras/PI3K/Akt/mTOR and NF- $\kappa$ B signaling. <i>Chemico-Biological Interactions</i> , 2021, 350, 109686.	1.7	7
35	Protective Effect of Pycnogenol against Methotrexate-Induced Hepatic, Renal, and Cardiac Toxicity: An In Vivo Study. <i>Pharmaceutics</i> , 2022, 15, 674.	1.7	7
36	Comparative study for brain delivery of tacrine using polysorbate 80-coated poly(butylcyanoacrylate) and pegylated-poly(butylcyanoacrylate) nanoparticles. <i>International Journal of Nano and Biomaterials</i> , 2009, 2, 360.	0.1	6

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37	Does clozapine induce myocarditis, myocardial oxidative stress and DNA damage in rats?. Egyptian Journal of Forensic Sciences, 2014, 4, 75-82.	0.4	6
38	Repurposed drug against COVID-19: nanomedicine as an approach for finding new hope in old medicines. Nano Express, 2021, 2, 022007.	1.2	6
39	The role of vimentin, Connexin-43 proteins, and oxidative stress in the protective effect of propranolol against clozapine-induced myocarditis and apoptosis in rats. European Journal of Pharmacology, 2021, 890, 173645.	1.7	5
40	Insights into the Antimicrobial, Antioxidant, Anti-SARS-CoV-2 and Cytotoxic Activities of Pistacia lentiscus Bark and Phytochemical Profile; In Silico and In Vitro Study. Antioxidants, 2022, 11, 930.	2.2	5
41	Diversity of Toxigenic Fungi in Livestock and Poultry Feedstuffs. International Journal of Environmental Research and Public Health, 2022, 19, 7250.	1.2	5
42	Metallic nanoparticulate delivery systems. , 2020, , 279-328.		4
43	Design, Characterization, and Antimicrobial Evaluation of Copper Nanoparticles Utilizing Tamarixinin a Ellagitannin from Galls of Tamarix aphylla. Pharmaceuticals, 2022, 15, 216.	1.7	4
44	Gestational Exposure to Synthetic Steroid Hormones Impaired Sperm Quantity and Quality in Wistar Rats. International Journal of Endocrinology, 2020, 2020, 1-6.	0.6	2
45	Phytochemical characterization and Antibacterial potentials of Mangifera indica L. bark oil. Journal of Applied Pharmaceutical Science, 0, , .	0.7	2
46	P.5.024 Transport of proserine through blood-brain barrier using poly(butylcyanoacrylate) nanoparticles coated with polysorbate-80 in rats. European Neuropsychopharmacology, 2005, 15, S213-S214.	0.3	1
47	Antihyperglycemic and Antihyperlipidemic Activity of Sida spinosa linn. Root in Streptozotocin-Induced Diabetic Rats. British Journal of Pharmaceutical Research, 2015, 5, 124-136.	0.4	0
48	Oxidative DNA damage and RUNX1-RUNX1T1 translocation induced by cigarette smoking as a potential risk factor for leukemogenesis. The Egyptian Journal of Haematology, 2018, 43, 125.	0.0	0
49	Urocortin 1 inhibits guinea pig gallbladder contractility in vitro via corticotropin-releasing factor receptor 2. Canadian Journal of Physiology and Pharmacology, 2011, 89, 783-91.	0.7	0
50	Enhanced antinociceptive activity of Nigella sativa oil after its combined treatment with honey in rats.. Pakistan Journal of Pharmaceutical Sciences, 2022, 35, 1-8.	0.2	0