

# Muhammed A Saad

## List of Publications by Year in descending order

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25  
papers

514  
citations

687220

13  
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677027

22  
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25  
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of autophagy and suppression of apoptosis by dapagliflozin attenuates experimental inflammatory bowel disease in rats: Targeting AMPK/mTOR, HMGB1/RAGE and Nrf2/HO-1 pathways. <i>Chemico-Biological Interactions</i> , 2021, 335, 109368.	1.7	86
2	Pinocembrin attenuates hippocampal inflammation, oxidative perturbations and apoptosis in a rat model of global cerebral ischemia reperfusion. <i>Pharmacological Reports</i> , 2015, 67, 115-122.	1.5	73
3	Neuroprotective effect of nebivolol against cisplatin-associated depressive-like behavior in rats. <i>Journal of Neurochemistry</i> , 2017, 141, 449-460.	2.1	43
4	Dapagliflozin improves behavioral dysfunction of Huntington's disease in rats via inhibiting apoptosis-related glycolysis. <i>Life Sciences</i> , 2020, 257, 118076.	2.0	32
5	Venlafaxine Mitigates Depressive-Like Behavior in Ovariectomized Rats by Activating the EPO/EPOR/JAK2 Signaling Pathway and Increasing the Serum Estradiol Level. <i>Neurotherapeutics</i> , 2019, 16, 404-415.	2.1	28
6	Dapoxetine attenuates testosterone-induced prostatic hyperplasia in rats by the regulation of inflammatory and apoptotic proteins. <i>Toxicology and Applied Pharmacology</i> , 2016, 311, 52-60.	1.3	26
7	Lercanidipine boosts the efficacy of mesenchymal stem cell therapy in 3-NP-induced Huntington's disease model rats via modulation of the calcium/calcineurin/NFATc4 and Wnt/ $\beta$ -catenin signalling pathways. <i>Neurochemistry International</i> , 2019, 131, 104548.	1.9	25
8	Inosine attenuates 3-nitropropionic acid-induced Huntington's disease-like symptoms in rats via the activation of the A2AR/BDNF/TrkB/ERK/CREB signaling pathway. <i>Life Sciences</i> , 2022, 300, 120569.	2.0	22
9	Nicorandil abates arthritic perturbations induced by complete Freund's adjuvant in rats via conquering TLR4-MyD88-TRAF6 signaling pathway. <i>Life Sciences</i> , 2019, 218, 284-291.	2.0	20
10	Neuroprotective effects of vildagliptin on drug induced Alzheimer's disease in rats with metabolic syndrome: Role of hippocampal klotho and AKT signaling pathways. <i>European Journal of Pharmacology</i> , 2020, 889, 173612.	1.7	19
11	Aberrations of miR-126-3p, miR-181a and sirtuin1 network mediate Di-(2-ethylhexyl) phthalate-induced testicular damage in rats: The protective role of hesperidin. <i>Toxicology</i> , 2020, 433-434, 152406.	2.0	19
12	Peganum harmala enhanced GLP-1 and restored insulin signaling to alleviate AlCl <sub>3</sub> -induced Alzheimer-like pathology model. <i>Scientific Reports</i> , 2021, 11, 12040.	1.6	17
13	Mechanistic perspective of morin protection against ketoprofen-induced gastric mucosal injury: Targeting HMGB1/RAGE/NF- $\kappa$ B, DJ-1/Nrf2/HO-1 and PI3K/mTOR pathways. <i>Archives of Biochemistry and Biophysics</i> , 2020, 693, 108552.	1.4	16
14	Alogliptin abates memory injuries of hepatic encephalopathy induced by acute paracetamol intoxication via switching-off autophagy-related apoptosis. <i>Life Sciences</i> , 2018, 215, 11-21.	2.0	15
15	Linagliptin ameliorates acetic acid-induced colitis via modulating AMPK/SIRT1/PGC-1 $\alpha$ and JAK2/STAT3 signaling pathway in rats. <i>Toxicology and Applied Pharmacology</i> , 2022, 438, 115906.	1.3	15
16	Potential effects of yohimbine and sildenafil on erectile dysfunction in rats. <i>European Journal of Pharmacology</i> , 2013, 700, 127-133.	1.7	13
17	Agomelatine attenuates alcohol craving and withdrawal symptoms by modulating the Notch1 signaling pathway in rats. <i>Life Sciences</i> , 2021, 284, 119904.	2.0	10
18	Liraglutide mends cognitive impairment by averting Notch signaling pathway overexpression in a rat model of polycystic ovary syndrome. <i>Life Sciences</i> , 2021, 265, 118731.	2.0	9

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19	Nano-ivabradine averts behavioral anomalies in Huntington's disease rat model via modulating Rhes/m-tor pathway. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 111, 110368.	2.5	7
20	Targeting the TLR4/NF- $\kappa$ B Axis and NLRP1/3 Inflammasomes by Rosuvastatin: A Role in Impeding Ovariectomy-Induced Cognitive Decline Neuropathology in Rats. Molecular Neurobiology, 2022, 59, 4562-4577.	1.9	6
21	Dapagliflozin diminishes memory and cognition impairment in Streptozotocin induced diabetes through its effect on Wnt/ $\beta$ -Catenin and CREB pathway. Brain Research Bulletin, 2022, 181, 109-120.	1.4	4
22	Bone marrow mononuclear cells boosts anti-cytogenetical aberration effect of N-acetylcysteine and $\alpha$ -lipoic acid in rat's liver and bone marrow: implication of oxidative and inflammatory pathways. Toxicology Mechanisms and Methods, 2021, 31, 437-449.	1.3	3
23	A new arsenal of polyphenols to make Parkinson's disease extinct: HPLC-MS/MS profiling, very interesting MAO-B inhibitory activity and antioxidant activity of <i>Otostegia fruticosa</i> . Natural Product Research, 2022, 36, 6075-6080.	1.0	3
24	Dismantling Parkinson's disease with herbs: MAO-B inhibitory activity and quantification of chemical constituents using HPLC-MS/MS of Egyptian local market plants. Natural Product Research, 2022, 36, 5766-5771.	1.0	3
25	Effect of (+) and (-) hydroxycitric acid stereo-isomers present in natural products in counteracting insulin resistance. Egyptian Journal of Chemistry, 2020, .	0.1	0