

# Hanan S El-Abhar

## List of Publications by Year in descending order

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78  
papers

2,425  
citations

186265

28  
h-index

223800

46  
g-index

78  
all docs

78  
docs citations

78  
times ranked

3350  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reposition of the anti-inflammatory drug diacerein in an in-vivo colorectal cancer model. Saudi Pharmaceutical Journal, 2022, 30, 72-90.	2.7	5
2	Repositioning of Ticagrelor: Renoprotection mediated by modulating renin-angiotensin system, inflammation, autophagy and galectin-3. European Journal of Pharmacology, 2022, 918, 174793.	3.5	10
3	Does physical exercise improve or deteriorate treatment of multiple sclerosis with mitoxantrone? Experimental autoimmune encephalomyelitis study in rats. BMC Neuroscience, 2022, 23, 11.	1.9	2
4	Chloroquine modulates the sulforaphane anti-obesity mechanisms in a high-fat diet model: Role of JAK-2/ STAT-3/ SOCS-3 pathway. European Journal of Pharmacology, 2022, 927, 175066.	3.5	6
5	MiR-200a inversely correlates with Hedgehog and TGF- $\beta$ 2 canonical/non-canonical trajectories to orchestrate the anti-fibrotic effect of Tadalafil in a bleomycin-induced pulmonary fibrosis model. Inflammopharmacology, 2021, 29, 167-182.	3.9	8
6	Chloroquine ameliorates hindlimb ischemia/reperfusion-induced remote hepatic injury via attenuating p38 $\alpha$ -Mapk/NF- $\kappa$ B p65 cue. FASEB Journal, 2021, 35, .	0.5	0
7	Novel peripheral role of Nurr-1/GDNF/AKT trajectory in carvedilol and/or morin hydrate hepatoprotective effect in a model of hepatic ischemia/reperfusion. Life Sciences, 2021, 273, 119235.	4.3	5
8	Peganum harmala enhanced GLP-1 and restored insulin signaling to alleviate A $\beta$ 1-3-induced Alzheimer-like pathology model. Scientific Reports, 2021, 11, 12040.	3.3	17
9	Epac-1/Rap-1 signaling pathway orchestrates the reno-therapeutic effect of ticagrelor against renal ischemia/reperfusion model. Biomedicine and Pharmacotherapy, 2021, 139, 111488.	5.6	10
10	Neuroprotective role of galantamine with/without physical exercise in experimental autoimmune encephalomyelitis in rats. Life Sciences, 2021, 277, 119459.	4.3	9
11	Pentoxifylline treatment alleviates kidney ischemia/reperfusion injury: Novel involvement of galectin-3 and ASK-1/JNK & ERK1/2/NF- $\kappa$ B/HMGB-1 trajectories. Journal of Pharmacological Sciences, 2021, 146, 136-148.	2.5	5
12	Vitamin D and rosuvastatin obliterate peripheral neuropathy in a type-2 diabetes model through modulating Notch1, Wnt-10 $\beta$ , TGF- $\beta$ 2 and NRF-1 crosstalk. Life Sciences, 2021, 279, 119697.	4.3	17
13	Palonosetron/Methyllycaconitine Deactivate Hippocampal Microglia 1, Inflammasome Assembly and Pyroptosis to Enhance Cognition in a Novel Model of Neuroinflammation. Molecules, 2021, 26, 5068.	3.8	9
14	Dimethyl fumarate abridged tauo-/amyloidopathy in a D-Galactose/ovariectomy-induced Alzheimer's-like disease: Modulation of AMPK/SIRT-1, AKT/CREB/BDNF, AKT/GSK-3 $\beta$ , adiponectin/Adipo1R, and NF- $\kappa$ B/IL-1 $\beta$ /ROS trajectories. Neurochemistry International, 2021, 148, 105082.	3.8	30
15	Prasugrel anti-ischemic effect in rats: Modulation of hippocampal SUMO2/3- $\beta$ 1/Ubq9 and SIRT-1/miR-22 trajectories. Toxicology and Applied Pharmacology, 2021, 426, 115635.	2.8	4
16	Further insights for the role of Morin in mRTBI: Implication of non-canonical Wnt/PKC- $\zeta$ and JAK-2/STAT-3 signaling pathways. International Immunopharmacology, 2021, 100, 108123.	3.8	7
17	Liraglutide Improves Cognitive and Neuronal Function in 3-NP Rat Model of Huntington's Disease. Frontiers in Pharmacology, 2021, 12, 731483.	3.5	16
18	Correlation between angiotensin 1 $\alpha$ -7-mediated Mas receptor expression with motor improvement, activated STAT3/SOCS3 cascade, and suppressed HMGB-1/RAGE/NF- $\kappa$ B signaling in 6-hydroxydopamine hemiparkinsonian rats. Biochemical Pharmacology, 2020, 171, 113681.	4.4	13

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19	Mesenchymal stem cells in chemotherapy-induced peripheral neuropathy: A new challenging approach that requires further investigations. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 108-122.	2.7	12
20	The dual reno- and neuro-protective effects of dimethyl fumarate against uremic encephalopathy in a renal ischemia/reperfusion model. <i>Pharmacological Reports</i> , 2020, 72, 969-983.	3.3	11
21	Olmesartan attenuates type 2 diabetes-associated liver injury: Cross-talk of AGE/RAGE/JNK, STAT3/SCOS3 and RAS signaling pathways. <i>European Journal of Pharmacology</i> , 2020, 874, 173010.	3.5	27
22	Diabetes and CYP2C19 Polymorphism Synergistically Impair the Antiplatelet Activity of Clopidogrel Compared With Ticagrelor in Percutaneous Coronary Intervention-treated Acute Coronary Syndrome Patients. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 76, 478-488.	1.9	12
23	Novel repair mechanisms in a renal ischaemia/reperfusion model: Subsequent saxagliptin treatment modulates the pro-angiogenic GLP-1/cAMP/VEGF, ANP/eNOS/NO, SDF-1 $\alpha$ /CXCR4, and Kim-1/STAT3/HIF-1 $\alpha$ /VEGF/eNOS pathways. <i>European Journal of Pharmacology</i> , 2019, 861, 172620.	3.5	21
24	The role of $\alpha$ 7nAChR in controlling the anti-inflammatory/anti-arthritic action of galantamine. <i>Biochemical Pharmacology</i> , 2019, 170, 113665.	4.4	20
25	Chenodeoxycholic Acid Ameliorates AlCl <sub>3</sub> -Induced Alzheimer's Disease Neurotoxicity and Cognitive Deterioration via Enhanced Insulin Signaling in Rats. <i>Molecules</i> , 2019, 24, 1992.	3.8	57
26	Cilostazol against 2,4,6-trinitrobenzene sulfonic acid-induced colitis: Effect on tight junction, inflammation, and apoptosis. <i>JGH Open</i> , 2019, 3, 281-289.	1.6	4
27	Co-targeting of endothelin-A and vitamin D receptors: a novel strategy to ameliorate cisplatin-induced nephrotoxicity. <i>Pharmacological Reports</i> , 2019, 71, 917-925.	3.3	8
28	Morin post-treatment confers neuroprotection in a novel rat model of mild repetitive traumatic brain injury by targeting dementia markers, APOE, autophagy and Wnt/ $\beta$ -catenin signaling pathway. <i>Brain Research</i> , 2019, 1717, 104-116.	2.2	23
29	Pharmacological Manipulation of Trk, p75NTR, and NGF Balance Restores Memory Deficit in Global Ischemia/Reperfusion Model in Rats. <i>Journal of Molecular Neuroscience</i> , 2019, 68, 78-90.	2.3	17
30	Pharmacological Interventions to Attenuate Alzheimer's Disease Progression: The Story So Far. <i>Current Alzheimer Research</i> , 2019, 16, 261-277.	1.4	26
31	Alanyl-L-glutamine Heals Indomethacin-induced Gastric Ulceration in Rats Via Antisecretory and Anti-apoptotic Mechanisms. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 69, 710-718.	1.8	5
32	Mesenchymal stem cells therapy enhances the efficacy of pregabalin and prevents its motor impairment in paclitaxel-induced neuropathy in rats: Role of Notch1 receptor and JAK/STAT signaling pathway. <i>Behavioural Brain Research</i> , 2019, 360, 303-311.	2.2	38
33	Raspberry ketone and Garcinia Cambogia rebalanced disrupted insulin resistance and leptin signaling in rats fed high fat fructose diet. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 500-509.	5.6	37
34	Angiotensin 1-7 ameliorates 6-hydroxydopamine lesions in hemiparkinsonian rats through activation of MAS receptor/PI3K/Akt/BDNF pathway and inhibition of angiotensin II type-1 receptor/NF- $\kappa$ B axis. <i>Biochemical Pharmacology</i> , 2018, 151, 126-134.	4.4	56
35	Involvement of brain natriuretic peptide signaling pathway in the cardioprotective action of sitagliptin. <i>Pharmacological Reports</i> , 2018, 70, 720-729.	3.3	8
36	Role of Wnt4/ $\beta$ -catenin, Ang II/TGF $\beta$ <sup>2</sup> , ACE2, NF- $\kappa$ B, and IL-18 in attenuating renal ischemia/reperfusion-induced injury in rats treated with Vit D and pioglitazone. <i>European Journal of Pharmacology</i> , 2018, 831, 68-76.	3.5	42

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37	Tropisetron modulates peripheral and central serotonin/insulin levels via insulin and nuclear factor kappa B/receptor for advanced glycation end products signalling to regulate type-2 diabetes in rats. RSC Advances, 2018, 8, 11908-11920.	3.6	5
38	Galantamine anti-colic effect: Role of alpha-7 nicotinic acetylcholine receptor in modulating Jak/STAT3, NF- $\kappa$ B/HMGB1/RAGE and p-AKT/Bcl-2 pathways. Scientific Reports, 2018, 8, 5110.	3.3	59
39	Activation of $\alpha$ 7 Nicotinic Acetylcholine Receptor Ameliorates Zymosan-Induced Acute Kidney Injury in BALB/c Mice. Scientific Reports, 2018, 8, 16814.	3.3	17
40	Inhibition of SRC/FAK cue: A novel pathway for the synergistic effect of rosuvastatin on the anti-cancer effect of dasatinib in hepatocellular carcinoma. Life Sciences, 2018, 213, 248-257.	4.3	30
41	Anti-fibrotic impact of Carvedilol in a CCl-4 model of liver fibrosis via serum microRNA-200a/SMAD7 enhancement to bridle TGF- $\beta$ 1/EMT track. Scientific Reports, 2018, 8, 14327.	3.3	28
42	Cilostazol disrupts TLR-4, Akt/GSK-3 $\beta$ /CREB, and IL-6/JAK-2/STAT-3/SOCS-3 crosstalk in a rat model of Huntington's disease. PLoS ONE, 2018, 13, e0203837.	2.5	42
43	Novel Trajectories of Bromocriptine Antidiabetic Action: Leptin-IL-6/ JAK2/p-STAT3/SOCS3, p-IR/p-AKT/GLUT4, PPAR- $\gamma$ 3/Adiponectin, Nrf2/PARP-1, and GLP-1. Frontiers in Pharmacology, 2018, 9, 771.	3.5	24
44	Pregabalin and lacosamide ameliorate paclitaxel-induced peripheral neuropathy via inhibition of JAK/STAT signaling pathway and Notch-1 receptor. Neurochemistry International, 2018, 120, 164-171.	3.8	38
45	Neurorestorative role of intrastriatal angiotensin 1-7 in 6-hydroxydopamine hemiparkinsonism by dual angiotensin 1-7/MASR axis activation and HMGB-1/RAGE signaling inhibition. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-6-1.	0.0	0
46	Trigonelline and vildagliptin antidiabetic effect: improvement of insulin signalling pathway. Journal of Pharmacy and Pharmacology, 2017, 69, 856-864.	2.4	23
47	Mangiferin protects against intestinal ischemia/reperfusion-induced liver injury: Involvement of PPAR- $\gamma$ 3, GSK-3 $\beta$ and Wnt/ $\beta$ -catenin pathway. <sup>31</sup>	3.8	31
48	The potential curative effect of rebamipide in hepatic ischemia/reperfusion injury. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 691-700.	3.0	23
49	Ginkgo biloba L. leaf extract offers multiple mechanisms in bridling N-methylnitrosourea mediated experimental colorectal cancer. Biomedicine and Pharmacotherapy, 2017, 95, 387-393.	5.6	20
50	Punica granatum suppresses colon cancer through downregulation of Wnt/ $\beta$ -Catenin in rat model. Revista Brasileira De Farmacognosia, 2017, 27, 627-635.	1.4	18
51	CoQ10 Augments Rosuvastatin Neuroprotective Effect in a Model of Global Ischemia via Inhibition of NF- $\kappa$ B/JNK3/Bax and Activation of Akt/FOXO3A/Bim Cues. Frontiers in Pharmacology, 2017, 8, 735.	3.5	27
52	Tu1440 Discovering New Underlying Mechanisms in the Treatment of Functional Dyspepsia With the Herbal Preparation, STW5 Using a Novel Sequential Stress Model. Gastroenterology, 2015, 148, S-892.	1.3	0
53	Targeting glycolysis by 3-bromopyruvate improves tamoxifen cytotoxicity of breast cancer cell lines. BMC Cancer, 2015, 15, 838.	2.6	30
54	Mangiferin Mitigates Gastric Ulcer in Ischemia/ Reperused Rats: Involvement of PPAR- $\gamma$ 3, NF- $\kappa$ B and Nrf2/HO-1 Signaling Pathways. PLoS ONE, 2015, 10, e0132497.	2.5	64

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55	Antidiabetic Effect of Galantamine: Novel Effect for a Known Centrally Acting Drug. PLoS ONE, 2015, 10, e0134648.	2.5	41
56	Galantamine: anti-Diabetic Effect Mediated By Anti- Oxidant/Inflammatory/Apoptotic Effects And Improvement of Insulin And Wnt/ $\beta$ -Catenin Signaling Pathways. Clinical Therapeutics, 2015, 37, e31.	2.5	0
57	Effect of galantamine on adjuvant-induced arthritis in rats. European Journal of Pharmacology, 2015, 764, 547-553.	3.5	40
58	Geraniol ameliorates TNBS-induced colitis: Involvement of Wnt/ $\beta$ -catenin, p38MAPK, NF $\kappa$ B, and PPAR $\gamma$ signaling pathways. Life Sciences, 2015, 136, 142-150.	4.3	48
59	Camel Milk: Potential Utility as an Adjunctive Therapy to Peg-IFN/RBV in HCV-4 Infected Patients in Egypt. Nutrition and Cancer, 2015, 67, 1307-1315.	2.0	15
60	ROSUVASTATIN: A POTENT STATIN FOR MANAGEMENT OF INTESTINAL ISCHEMIA/REPERFUSION-INDUCED MULTIPLE ORGAN DYFUNCTION SYNDROME. Al Azhar Medical Journal = Majallat Al-Tibb Al-Azhar, 2015, 44, 23-40.	0.1	0
61	Novel CoQ10 Antidiabetic Mechanisms Underlie Its Positive Effect: Modulation of Insulin and Adiponectine Receptors, Tyrosine Kinase, PI3K, Glucose Transporters, sRAGE and Visfatin in Insulin Resistant/Diabetic Rats. PLoS ONE, 2014, 9, e89169.	2.5	60
62	Phytotherapy in diabetes: Review on potential mechanistic perspectives. World Journal of Diabetes, 2014, 5, 176.	3.5	93
63	Cilostazol Renoprotective Effect: Modulation of PPAR $\gamma$ , NGAL, KIM-1 and IL-18 Underlies Its Novel Effect in a Model of Ischemia-Reperfusion. PLoS ONE, 2014, 9, e95313.	2.5	47
64	Phytol/Phytanic Acid and Insulin Resistance: Potential Role of Phytanic Acid Proven by Docking Simulation and Modulation of Biochemical Alterations. PLoS ONE, 2013, 8, e45638.	2.5	94
65	Topiramate-Induced Modulation of Hepatic Molecular Mechanisms: An Aspect for Its Anti-Insulin Resistant Effect. PLoS ONE, 2012, 7, e37757.	2.5	23
66	Coenzyme Q10: A novel gastroprotective effect via modulation of vascular permeability, prostaglandin E2, nitric oxide and redox status in indomethacin-induced gastric ulcer model. European Journal of Pharmacology, 2010, 649, 314-319.	3.5	48
67	Westernized-like-diet-fed rats: effect on glucose homeostasis, lipid profile, and adipocyte hormones and their modulation by rosiglitazone and glimepiride. Journal of Diabetes and Its Complications, 2009, 23, 199-208.	2.3	63
68	TEMPOL, a membrane-permeable radical scavenger, attenuates gastric mucosal damage induced by ischemia/reperfusion: A key role for superoxide anion. European Journal of Pharmacology, 2009, 603, 93-97.	3.5	28
69	Modulating effect of ginger extract on rats with ulcerative colitis. Journal of Ethnopharmacology, 2008, 118, 367-372.	4.1	121
70	Amelioration of Acetic Acid-Induced Colitis in Rats by Oral Administration of Ginger Extract. Bulletin of Egyptian Society for Physiological Sciences, 2007, 27, 221-240.	0.2	2
71	Rotenone-induced Parkinson's Like Disease: Modulating Role of Coenzyme Q10. Journal of Biological Sciences, 2004, 4, 568-574.	0.3	7
72	Synthesis and antiinflammatory activity of novel indazolones. Archives of Pharmacal Research, 2003, 26, 1-8.	6.3	45

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73	Modulation of Cortical Nitric Oxide Synthase, Glutamate, and Redox State by Nifedipine and Taurine in PTZ-kindled Mice. <i>Epilepsia</i> , 2003, 44, 276-281.	5.1	31
74	Gastroprotective activity of <i>Nigella sativa</i> oil and its constituent, thymoquinone, against gastric mucosal injury induced by ischaemia/reperfusion in rats. <i>Journal of Ethnopharmacology</i> , 2003, 84, 251-258.	4.1	154
75	The effect of <i>Nigella sativa</i> oil against the liver damage induced by <i>Schistosoma mansoni</i> infection in mice. <i>Journal of Ethnopharmacology</i> , 2002, 79, 1-11.	4.1	241
76	Effect of melatonin and nifedipine on some antioxidant enzymes and different energy fuels in the blood and brain of global ischemic rats. <i>Journal of Pineal Research</i> , 2002, 33, 87-94.	7.4	33
77	Morphology of tissue damage caused by permanent occlusion of middle cerebral artery in mice. <i>Experimental and Toxicologic Pathology</i> , 2000, 52, 395-404.	2.1	13
78	Neuroprotective effects of <i>Ginkgo biloba</i> constituents. <i>European Journal of Pharmaceutical Sciences</i> , 1995, 3, 39-48.	4.0	102