

# Abdalla M El-Mowafy

## List of Publications by Citations

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34  
papers

1,135  
citations

19  
h-index

33  
g-index

35  
ext. papers

1,220  
ext. citations

4.7  
avg, IF

4.09  
L-index

#	Paper	IF	Citations
34	cAMP-dependent vasodilators cross-activate the cGMP-dependent protein kinase to stimulate BK(Ca) channel activity in coronary artery smooth muscle cells. <i>Circulation Research</i> , <b>2000</b> , 86, 897-905	15.7	155
33	Resveratrol inhibits MAPK activity and nuclear translocation in coronary artery smooth muscle: reversal of endothelin-1 stimulatory effects. <i>FEBS Letters</i> , <b>1999</b> , 451, 63-7	3.8	102
32	Resveratrol activates adenylyl-cyclase in human breast cancer cells: a novel, estrogen receptor-independent cytostatic mechanism. <i>Carcinogenesis</i> , <b>2003</b> , 24, 869-73	4.6	90
31	H <sub>2</sub> O <sub>2</sub> opens BK(Ca) channels via the PLA <sub>2</sub> -arachidonic acid signaling cascade in coronary artery smooth muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2000</b> , 279, H475-83	5.2	83
30	Endothelium-independent effect of estrogen on Ca <sup>2+</sup> -activated K <sup>+</sup> channels in human coronary artery smooth muscle cells. <i>Cardiovascular Research</i> , <b>2002</b> , 53, 650-61	9.9	82
29	Novel role of curcumin combined with bone marrow transplantation in reversing experimental diabetes: Effects on pancreatic islet regeneration, oxidative stress, and inflammatory cytokines. <i>European Journal of Pharmacology</i> , <b>2011</b> , 658, 41-8	5.3	59
28	Resveratrol-induced apoptosis in human breast cancer cells is mediated primarily through the caspase-3-dependent pathway. <i>Archives of Medical Research</i> , <b>2008</b> , 39, 162-8	6.6	50
27	Resveratrol activates membrane-bound guanylyl cyclase in coronary arterial smooth muscle: a novel signaling mechanism in support of coronary protection. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 291, 1218-24	3.4	48
26	Novel chemotherapeutic and renal protective effects for the green tea (EGCG): role of oxidative stress and inflammatory-cytokine signaling. <i>Phytomedicine</i> , <b>2010</b> , 17, 1067-75	6.5	46
25	Evaluation of renal protective effects of the green-tea (EGCG) and red grape resveratrol: role of oxidative stress and inflammatory cytokines. <i>Natural Product Research</i> , <b>2011</b> , 25, 850-6	2.3	45
24	Chemopreventive and renal protective effects for docosahexaenoic acid (DHA): implications of CRP and lipid peroxides. <i>Cell Division</i> , <b>2009</b> , 4, 6	2.8	42
23	Valproate-induced liver injury: modulation by the omega-3 fatty acid DHA proposes a novel anticonvulsant regimen. <i>Drugs in R and D</i> , <b>2014</b> , 14, 85-94	3.4	31
22	Overexpression of wild-type p53 gene renders MCF-7 breast cancer cells more sensitive to the antiproliferative effect of progesterone. <i>Journal of Endocrinology</i> , <b>2003</b> , 179, 55-62	4.7	30
21	Differential recognition of resveratrol isomers by the human estrogen receptor-alpha: molecular dynamics evidence for stereoselective ligand binding. <i>Chirality</i> , <b>2004</b> , 16, 190-5	2.1	26
20	Prominent chemopreventive and chemoenhancing effects for resveratrol: unraveling molecular targets and the role of C-reactive protein. <i>Chemotherapy</i> , <b>2010</b> , 56, 60-5	3.2	25
19	Resveratrol reverses hydrogen peroxide-induced proliferative effects in human coronary smooth muscle cells: a novel signaling mechanism. <i>Archives of Medical Research</i> , <b>2008</b> , 39, 155-61	6.6	22
18	Resveratrol reverses ET-1-evoked mitogenic effects in human coronary arterial cells by activating the kinase-G to inhibit ERK-enzymes. <i>International Journal of Cardiology</i> , <b>2009</b> , 136, 263-9	3.2	21

17	Mirazid: A New Schistosomicidal Drug. <i>Pharmaceutical Biology</i> , <b>2001</b> , 39, 127-131	3.8	21
16	Growth inhibition of MCF-7 human breast cancer cells by progesterone is associated with cell differentiation and phosphorylation of Akt protein. <i>European Journal of Cancer Prevention</i> , <b>2002</b> , 11, 481-8	2	21
15	Role of endogenous endothelin-1 in stress-induced gastric mucosal damage and acid secretion in rats. <i>Regulatory Peptides</i> , <b>1998</b> , 73, 43-50		19
14	Evidence for a tyrosine kinase-dependent activation of the adenylyl Cyclase/PKA cascade downstream from the G-protein-linked endothelin ETA receptor in vascular smooth muscle. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 251, 494-500	3.4	18
13	Eicosapentaenoic acid ablates valproate-induced liver oxidative stress and cellular derangement without altering its clearance rate: dynamic synergy and therapeutic utility. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2011</b> , 1811, 460-7	5	15
12	Novel molecular triggers underlie valproate-induced liver injury and its alleviation by the omega-3 fatty acid DHA: role of inflammation and apoptosis. <i>Heliyon</i> , <b>2016</b> , 2, e00130	3.6	14
11	Recognition of resveratrol by the human estrogen receptor-alpha: a molecular modeling approach to understand its biological actions. <i>Medical Principles and Practice</i> , <b>2002</b> , 11, 86-92	2.1	14
10	Endothelins-induce cyclicAMP formation in the guinea-pig trachea through an ETA receptor- and cyclooxygenase-dependent mechanism. <i>British Journal of Pharmacology</i> , <b>1996</b> , 118, 531-6	8.6	11
9	Nongenomic activation of the GC-A enzyme by resveratrol and estradiol downstream from membrane estrogen receptors in human coronary arterial cells. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2007</b> , 17, 508-16	4.5	10
8	Molecular dynamics simulation characteristics of resveratrol interaction with human estrogen receptor- $\beta$ -distinct recognition from diethylstilbestrol. <i>Computational and Theoretical Chemistry</i> , <b>2002</b> , 593, 39-48		8
7	ET(B) receptor activates adenylyl cyclase via a c-PLA(2)-dependent mechanism: a novel counterregulatory mechanism of ET-induced contraction in airway smooth muscle. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 286, 388-93	3.4	8
6	Synthesis, spectroscopic characterization, stability assessment and DNA-binding of new 2,6-piperidinedione derivatives. <i>Il Farmaco</i> , <b>2001</b> , 56, 763-70		7
5	Non-epithelial endothelin-A receptors activate adenylate cyclase in rat trachea: biochemical mechanisms and physiological implications. <i>Life Sciences</i> , <b>1997</b> , 61, 1529-38	6.8	4
4	Novel piperidinedione analogs as inhibitors of breast cancer cell growth. <i>Archiv Der Pharmazie</i> , <b>2000</b> , 333, 431-4	4.3	3
3	Herbal Therapy: Can Omics Technology Create Order from Chaos?. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , <b>2012</b> , 01,		3
2	Emerging Clues and Altered Metabolic Findings in Autism: Breakthroughs and Prospects from Omics Studies. <i>Autism-open Access</i> , <b>2016</b> , 06,	0	2
1	Novel protection by Omega-3-FAs (DHA or EPA) against carbamazepine $\gamma$ liver-injury: differential suppression of oxidative-stress and inflammatory markers, and the influence on carbamazepine-clearance. <i>Clinical Nutrition Open Science</i> , <b>2022</b> , 42, 14-26		0