

# Mohamed A Abu El Maaty

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

561  
citations

566801

15  
h-index

642321

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

985  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ascorbate kills breast cancer cells by rewiring metabolism via redox imbalance and energy crisis. <i>Free Radical Biology and Medicine</i> , 2021, 163, 196-209.	1.3	22
2	Single-cell analyses unravel cell type-specific responses to a vitamin D analog in prostatic precancerous lesions. <i>Science Advances</i> , 2021, 7, .	4.7	14
3	Ein Multitarget-Gold(I)-Komplex induziert Zytotoxizität im Zusammenhang mit Aneuploidie in HCT116-Kolorektalkarzinomzellen. <i>Angewandte Chemie</i> , 2020, 132, 16940.	1.6	10
4	A Multitarget Gold(I) Complex Induces Cytotoxicity Related to Aneuploidy in HCT116 Colorectal Carcinoma Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16795-16800.	7.2	38
5	p53-Dependent Anti-Proliferative and Pro-Apoptotic Effects of a Gold(I) N-Heterocyclic Carbene (NHC) Complex in Colorectal Cancer Cells. <i>Frontiers in Oncology</i> , 2019, 9, 438.	1.3	34
6	In vitro metabolic activation of vitamin D3 by using a multi-compartment microfluidic liver-kidney organ on chip platform. <i>Scientific Reports</i> , 2019, 9, 4616.	1.6	34
7	Activation of pro-survival metabolic networks by 1,25(OH)2D3 does not hamper the sensitivity of breast cancer cells to chemotherapeutics. <i>Cancer &amp; Metabolism</i> , 2018, 6, 11.	2.4	12
8	Expression of TXNIP in Cancer Cells and Regulation by 1,25(OH)2D3: Is It Really the Vitamin D3 Upregulated Protein?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 796.	1.8	17
9	Differences in p53 status significantly influence the cellular response and cell survival to 1,25-dihydroxyvitamin D3-metformin cotreatment in colorectal cancer cells. <i>Molecular Carcinogenesis</i> , 2017, 56, 2486-2498.	1.3	30
10	1,25(OH)2D3 disrupts glucose metabolism in prostate cancer cells leading to a truncation of the TCA cycle and inhibition of TXNIP expression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1618-1630.	1.9	27
11	Vitamin D as a Novel Regulator of Tumor Metabolism: Insights on Potential Mechanisms and Implications for Anti-Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2184.	1.8	37
12	Effects of 1,25(OH)2D3 on Cancer Cells and Potential Applications in Combination with Established and Putative Anti-Cancer Agents. <i>Nutrients</i> , 2017, 9, 87.	1.7	17
13	Polymorphisms in the Vitamin D Pathway in Relation to 25-Hydroxyvitamin D Status and Cardiovascular Disease Incidence: Application to Biomarkers. , 2016, , 771-792.		0
14	A multi-target caffeine derived rhodium( <i>sc</i> ) N-heterocyclic carbene complex: evaluation of the mechanism of action. <i>Dalton Transactions</i> , 2016, 45, 13161-13168.	1.6	65
15	Genetic variation in vitamin D receptor gene (Fok1:rs2228570) is associated with risk of coronary artery disease. <i>Biomarkers</i> , 2016, 21, 68-72.	0.9	17
16	Alkynyl gold(I) phosphane complexes: Evaluation of structure-activity-relationships for the phosphane ligands, effects on key signaling proteins and preliminary in-vivo studies with a nanoformulated complex. <i>Journal of Inorganic Biochemistry</i> , 2016, 160, 140-148.	1.5	53
17	Polymorphisms in the Vitamin D Pathway in Relation to 25-Hydroxyvitamin D Status and Cardiovascular Disease Incidence: Application to Biomarkers. , 2015, , 1-22.		1
18	Design-of-Experiment Approach for HPLC Analysis of 25-Hydroxyvitamin D: A Comparative Assay with ELISA. <i>Journal of Chromatographic Science</i> , 2015, 53, 66-72.	0.7	14

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19	Vitamin D receptor gene polymorphisms (TaqI and ApaI) in relation to 25-hydroxyvitamin D levels and coronary artery disease incidence. <i>Journal of Receptor and Signal Transduction Research</i> , 2015, 35, 391-395.	1.3	21
20	Triangular relationship between single nucleotide polymorphisms in the CYP2R1 gene (rs10741657 and rs10741657) and 25-hydroxyvitamin D levels. <i>Journal of Endocrinology</i> , 2015, 186, 488-492.	0.9	20
21	Interplay of vitamin D and nitric oxide in post-menopausal knee osteoarthritis. <i>Aging Clinical and Experimental Research</i> , 2014, 26, 363-368.	1.4	5
22	Investigating the Cardio-Protective Abilities of Supplemental L-Arginine on Parameters of Endothelial Function in a Hypercholesterolemic Animal Model. <i>Journal of Nutritional Science and Vitaminology</i> , 2014, 60, 145-151.	0.2	5
23	Association of suboptimal 25-hydroxyvitamin D levels with knee osteoarthritis incidence in post-menopausal Egyptian women. <i>Rheumatology International</i> , 2013, 33, 2903-2907.	1.5	12
24	Effect of Polymorphisms in the NADSYN1/DHCR7 Locus (rs12785878 and rs1790349) on Plasma 25-Hydroxyvitamin D Levels and Coronary Artery Disease Incidence. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2013, 6, 327-335.	1.8	13
25	Vitamin D Deficiency and Cardiovascular Disease: Potential Mechanisms and Novel Perspectives. <i>Journal of Nutritional Science and Vitaminology</i> , 2013, 59, 479-488.	0.2	23
26	Insights on Vitamin D's Role in Cardiovascular Disease: Investigating the Association of 25-Hydroxyvitamin D with the Dimethylated Arginines. <i>Journal of Nutritional Science and Vitaminology</i> , 2013, 59, 172-177.	0.2	20