

# Amal Kamal Abdel-Aziz

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

4,050  
citations

411340

20  
h-index

371746

37  
g-index

39  
all docs

39  
docs citations

39  
times ranked

6674  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological inhibition of LSD1 triggers myeloid differentiation by targeting GSE1 oncogenic functions in AML. <i>Oncogene</i> , 2022, 41, 878-894.	2.6	17
2	Discovery of a benzimidazole-based dual FLT3/TrKA inhibitor targeting acute myeloid leukemia. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 56, 116596.	1.4	8
3	Co-targeting leukemia-initiating cells and leukemia bulk leads to disease eradication. <i>Leukemia</i> , 2022, 36, 1306-1312.	3.3	3
4	Preclinical activity of fluvastatin $\omega$ -loaded self $\omega$ -nanoemulsifying delivery system against breast cancer models: Emphasis on apoptosis. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 947-963.	1.2	3
5	Insights into the design of inhibitors of the EGFR family with anticancer activity overcoming resistance: A case of optimizing thieno[2,3-d]pyrimidine-based EGFR inhibitors. <i>Journal of Molecular Structure</i> , 2022, 1259, 132724.	1.8	3
6	Dendritic cell vaccine immunotherapy; the beginning of the end of cancer and COVID-19. A hypothesis. <i>Medical Hypotheses</i> , 2021, 146, 110365.	0.8	24
7	Endosomal trafficking and DNA damage checkpoint kinases dictate survival to replication stress by regulating amino acid uptake and protein synthesis. <i>Developmental Cell</i> , 2021, 56, 2607-2622.e6.	3.1	6
8	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (edition	4.3	1,430
9	Indolin-2-one derivatives as selective Aurora B kinase inhibitors targeting breast cancer. <i>Bioorganic Chemistry</i> , 2021, 117, 105451.	2.0	6
10	Novel molecular mechanisms underlying the ameliorative effect of N-acetyl-L-cysteine against $\gamma$ -radiation-induced premature ovarian failure in rats. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111190.	2.9	5
11	Semantic and Geographical Analysis of COVID-19 Trials Reveals a Fragmented Clinical Research Landscape Likely to Impair Informativeness. <i>Frontiers in Medicine</i> , 2020, 7, 367.	1.2	8
12	Tuning mTORC1 activity dictates the response of acute myeloid leukemia to LSD1 inhibition. <i>Haematologica</i> , 2020, 105, 2105-2117.	1.7	20
13	Comparing apples with oranges: Studying LSD1 inhibitors in cellular assays. <i>Pharmacological Research</i> , 2019, 146, 104345.	3.1	7
14	Preclinical models of breast cancer: Two-way shuttles for immune checkpoint inhibitors from and to patient bedside. <i>European Journal of Cancer</i> , 2019, 122, 22-41.	1.3	7
15	Combination of Hypoglycemia and Metformin Impairs Tumor Metabolic Plasticity and Growth by Modulating the PP2A-GSK3 $\beta$ -MCL-1 Axis. <i>Cancer Cell</i> , 2019, 35, 798-815.e5.	7.7	212
16	Identification of mutations associated with acquired resistance to sunitinib in renal cell cancer. <i>International Journal of Cancer</i> , 2019, 145, 1991-2001.	2.3	32
17	Chemotherapy and cognition: comprehensive review on doxorubicin-induced chemobrain. <i>Cancer Chemotherapy and Pharmacology</i> , 2019, 84, 1-14.	1.1	65
18	Mechanistic approach of the inhibitory effect of chrysin on inflammatory and apoptotic events implicated in radiation-induced premature ovarian failure: Emphasis on TGF $\beta$ $\beta$ /MAPKs signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 293-303.	2.5	36

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19	Astaxanthin Ameliorates Doxorubicin-Induced Cognitive Impairment (Chemobrain) in Experimental Rat Model: Impact on Oxidative, Inflammatory, and Apoptotic Machineries. <i>Molecular Neurobiology</i> , 2018, 55, 5727-5740.	1.9	110
20	Serum sclerostin and irisin as predictive markers for atherosclerosis in Egyptian type II diabetic female patients: A case control study. <i>PLoS ONE</i> , 2018, 13, e0206761.	1.1	27
21	Comparative study of anti-VEGF Ranibizumab and Interleukin-6 receptor antagonist Tocilizumab in Adjuvant-induced Arthritis. <i>Toxicology and Applied Pharmacology</i> , 2018, 356, 65-75.	1.3	19
22	Surmounting the resistance against EGFR inhibitors through the development of thieno[2,3-d]pyrimidine-based dual EGFR/HER2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 316-336.	2.6	46
23	From Resistance to Sensitivity: Insights and Implications of Biphasic Modulation of Autophagy by Sunitinib. <i>Frontiers in Pharmacology</i> , 2017, 8, 718.	1.6	23
24	The tyrosine kinase inhibitor, sunitinib malate, induces cognitive impairment in vivo via dysregulating VEGFR signaling, apoptotic and autophagic machineries. <i>Experimental Neurology</i> , 2016, 283, 129-141.	2.0	39
25	Discovery of a Novel Inhibitor of Histone Lysine-Specific Demethylase 1A (KDM1A/LSD1) as Orally Active Antitumor Agent. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1501-1517.	2.9	70
26	Discovery of Potent VEGFR-2 Inhibitors based on Furoprymidine and Thienopyrimidine Scaffolds as Cancer Targeting Agents. <i>Scientific Reports</i> , 2016, 6, 24460.	1.6	112
27	Dual modulation of MCL-1 and mTOR determines the response to sunitinib. <i>Journal of Clinical Investigation</i> , 2016, 127, 153-168.	3.9	49
28	Functional-genetic dissection of HDAC dependencies in mouse lymphoid and myeloid malignancies. <i>Blood</i> , 2015, 126, 2392-2403.	0.6	48
29	Dual inhibition of mTOR pathway and VEGF signalling in neuroendocrine neoplasms: From bench to bedside. <i>Cancer Treatment Reviews</i> , 2015, 41, 754-760.	3.4	19
30	Rational design, synthesis and molecular modeling studies of novel anti-oncological alkaloids against melanoma. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6619-6633.	1.5	34
31	A novel autophagy-independent, oncosuppressive function of BECN1: Degradation of MCL1. <i>Autophagy</i> , 2015, 11, 581-582.	4.3	16
32	Modulation of Imatinib Cytotoxicity by Selenite in <scp>HCT</scp> 116 Colorectal Cancer Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 116, 37-46.	1.2	21
33	Beclin 1 restrains tumorigenesis through Mcl-1 destabilization in an autophagy-independent reciprocal manner. <i>Nature Communications</i> , 2014, 5, 5637.	5.8	65
34	Chloroquine synergizes sunitinib cytotoxicity via modulating autophagic, apoptotic and angiogenic machineries. <i>Chemico-Biological Interactions</i> , 2014, 217, 28-40.	1.7	75
35	Biochemical, Structural, and Biological Evaluation of Tranylcypromine Derivatives as Inhibitors of Histone Demethylases LSD1 and LSD2. <i>Journal of the American Chemical Society</i> , 2010, 132, 6827-6833.	6.6	261
36	Impairment of p53 acetylation, stability and function by an oncogenic transcription factor. <i>EMBO Journal</i> , 2004, 23, 1144-1154.	3.5	109

#	ARTICLE	IF	CITATIONS
37	Fusion proteins of the retinoic acid receptor- $\hat{\pm}$ recruit histone deacetylase in promyelocytic leukaemia. Nature, 1998, 391, 815-818.	13.7	1,015