

# Ahmed M Al-Abd

## List of Publications by Year in descending order

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84  
papers

3,957  
citations

201575

27  
h-index

128225

60  
g-index

86  
all docs

86  
docs citations

86  
times ranked

6927  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	4.3	1,430
2	Stimuli-Responsive Nano-Architecture Drug-Delivery Systems to Solid Tumor Micromilieu: Past, Present, and Future Perspectives. ACS Nano, 2018, 12, 10636-10664.	7.3	320
3	P-glycoprotein inhibitors of natural origin as potential tumor chemo-sensitizers: A review. Journal of Advanced Research, 2015, 6, 45-62.	4.4	239
4	Anti-angiogenic agents for the treatment of solid tumors: Potential pathways, therapy and current strategies – A review. Journal of Advanced Research, 2017, 8, 591-605.	4.4	142
5	Fingolimod interrupts the cross talk between estrogen metabolism and sphingolipid metabolism within prostate cancer cells. Toxicology Letters, 2018, 291, 77-85.	0.4	127
6	Pharmacokinetics of doxorubicin after intratumoral injection using a thermosensitive hydrogel in tumor-bearing mice. Journal of Controlled Release, 2010, 142, 101-107.	4.8	115
7	New xanthenes and cytotoxic constituents from Garcinia mangostana fruit hulls against human hepatocellular, breast, and colorectal cancer cell lines. Journal of Ethnopharmacology, 2017, 198, 302-312.	2.0	107
8	Thymoquinone synergizes gemcitabine anti-breast cancer activity via modulating its apoptotic and autophagic activities. Scientific Reports, 2018, 8, 11674.	1.6	97
9	Caffeic acid phenethyl ester synergistically enhances docetaxel and paclitaxel cytotoxicity in prostate cancer cells. IUBMB Life, 2013, 65, 716-729.	1.5	88
10	Cytotoxicity of thymoquinone alone or in combination with cisplatin (CDDP) against oral squamous cell carcinoma in vitro. Scientific Reports, 2017, 7, 13131.	1.6	73
11	Resveratrol enhances the cytotoxic profile of docetaxel and doxorubicin in solid tumour cell lines in vitro. Cell Proliferation, 2011, 44, 591-601.	2.4	65
12	Didox and resveratrol sensitize colorectal cancer cells to doxorubicin via activating apoptosis and ameliorating P-glycoprotein activity. Scientific Reports, 2016, 6, 36855.	1.6	63
13	Bioactive glycoalkaloides isolated from Solanum melongena fruit peels with potential anticancer properties against hepatocellular carcinoma cells. Scientific Reports, 2019, 9, 1746.	1.6	58
14	Pharmacokinetic strategies to improve drug penetration and entrapment within solid tumors. Journal of Controlled Release, 2015, 219, 269-277.	4.8	54
15	Anti-cancer characteristics of mevinolin against three different solid tumor cell lines was not solely p53-dependent. Journal of Enzyme Inhibition and Medicinal Chemistry, 2012, 27, 673-679.	2.5	46
16	Tissue Distribution and Efficacy of Gold Nanorods Coupled with Laser Induced Photoplasmonic Therapy in Ehrlich Carcinoma Solid Tumor Model. PLoS ONE, 2013, 8, e76207.	1.1	43
17	Penetration and efficacy of VEGF siRNA using polyelectrolyte complex micelles in a human solid tumor model in-vitro. Journal of Controlled Release, 2009, 137, 130-135.	4.8	41
18	Novel application of multicellular layers culture for in situ evaluation of cytotoxicity and penetration of paclitaxel. Cancer Science, 2008, 99, 423-431.	1.7	40

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19	A simple HPLC method for doxorubicin in plasma and tissues of nude mice. Archives of Pharmacal Research, 2009, 32, 605-611.	2.7	39
20	Isolation of Antiosteoporotic Compounds from Seeds of Sophora japonica. PLoS ONE, 2014, 9, e98559.	1.1	39
21	Gingerol Synergizes the Cytotoxic Effects of Doxorubicin against Liver Cancer Cells and Protects from Its Vascular Toxicity. Molecules, 2016, 21, 886.	1.7	39
22	6-Shogaol suppresses the growth of breast cancer cells by inducing apoptosis and suppressing autophagy via targeting notch signaling pathway. Biomedicine and Pharmacotherapy, 2020, 128, 110302.	2.5	36
23	Thymoquinone Enhances Paclitaxel Anti-Breast Cancer Activity via Inhibiting Tumor-Associated Stem Cells Despite Apparent Mathematical Antagonism. Molecules, 2020, 25, 426.	1.7	33
24	Leptin influences estrogen metabolism and accelerates prostate cell proliferation. Life Sciences, 2015, 121, 10-15.	2.0	31
25	Rutin Isolated from <i>Chrozophora tinctoria</i> Enhances Bone Cell Proliferation and Ossification Markers. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	1.9	30
26	Anti-Helicobacter, Antitubercular and Cytotoxic Activities of Scalaranes from the Red Sea Sponge Hyrtios erectus. Molecules, 2018, 23, 978.	1.7	30
27	Anticancer Profiling for Coumarins and Related O-Naphthoquinones from <i>Mansonia gagei</i> against Solid Tumor Cells In Vitro. Molecules, 2018, 23, 1020.	1.7	30
28	Eichhornia crassipes(Mart) solms. Plant Signaling and Behavior, 2011, 6, 834-836.	1.2	28
29	Cytotoxic activity of acyl phloroglucinols isolated from the leaves of Eucalyptus cinerea F. Muell. ex Benth. cultivated in Egypt. Scientific Reports, 2014, 4, 5410.	1.6	27
30	Antiproliferative Scalarane-Based Metabolites from the Red Sea Sponge Hyrtios erectus. Marine Drugs, 2016, 14, 130.	2.2	27
31	Synthesis and biological evaluation of novel pyrazoline derivatives as anti-inflammatory and antioxidant agents. Archives of Pharmacal Research, 2012, 35, 995-1002.	2.7	24
32	Didox potentiates the cytotoxic profile of doxorubicin and protects from its cardiotoxicity. European Journal of Pharmacology, 2013, 718, 361-369.	1.7	22
33	Selective cytotoxic effects on human breast carcinoma of new methoxylated flavonoids from Euryops arabicus grown in Saudi Arabia. European Journal of Medicinal Chemistry, 2013, 66, 204-210.	2.6	22
34	The chemomodulatory effects of resveratrol and didox on herceptin cytotoxicity in breast cancer cell lines. Scientific Reports, 2015, 5, 12054.	1.6	22
35	Molecular Mimics of Classic P-Glycoprotein Inhibitors as Multidrug Resistance Suppressors and Their Synergistic Effect on Paclitaxel. PLoS ONE, 2017, 12, e0168938.	1.1	22
36	Multiple Molecular Mechanisms to Overcome Multidrug Resistance in Cancer by Natural Secondary Metabolites. Frontiers in Pharmacology, 2021, 12, 658513.	1.6	21

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37	Despite Blocking Doxorubicin-Induced Vascular Damage, Quercetin Ameliorates Its Antibreast Cancer Activity. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	20
38	Enhancing the Therapeutic Efficacy of Tamoxifen Citrate Loaded Span-Based Nano-Vesicles on Human Breast Adenocarcinoma Cells. <i>AAPS PharmSciTech</i> , 2018, 19, 1529-1543.	1.5	19
39	Local inflammation influences oestrogen metabolism in prostatic tissue. <i>BJU International</i> , 2012, 110, 274-282.	1.3	18
40	Cytotoxic isoferulic acidamide from <i>Myricaria germanica</i> (Tamaricaceae). <i>Plant Signaling and Behavior</i> , 2013, 8, e22642.	1.2	17
41	Design, synthesis, and evaluation of anti-inflammatory and ulcerogenicity of novel pyridazinone derivatives. <i>Medicinal Chemistry Research</i> , 2012, 21, 3581-3590.	1.1	16
42	Thermoresponsive dendrimers based on oligoethylene glycols: Design, synthesis and cytotoxic activity against MCF-7 breast cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 848-854.	2.6	16
43	Nimesulide improves the disease modifying anti-rheumatic profile of methotrexate in mice with collagen-induced arthritis. <i>European Journal of Pharmacology</i> , 2010, 644, 245-250.	1.7	14
44	Cytotoxic ellagitannins from <i>Reaumuria vermiculata</i> . <i>FÄ-toterapÄ-tÄç</i> , 2012, 83, 1256-1266.	1.1	13
45	Catechol estrogens induce proliferation and malignant transformation in prostate epithelial cells. <i>Toxicology Letters</i> , 2013, 220, 247-258.	0.4	12
46	Phenolics Isolated from <i>Aframomum melegueta</i> Enhance Proliferation and Ossification Markers in Bone Cells. <i>Molecules</i> , 2017, 22, 1467.	1.7	12
47	Intratumoral Pharmacokinetics: Challenges to Nanobiomaterials. <i>Current Pharmaceutical Design</i> , 2015, 21, 3208-3214.	0.9	12
48	Colossolactone-G synergizes the anticancer properties of 5-fluorouracil and gemcitabine against colorectal cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111730.	2.5	11
49	Nimesulide Improves the Symptomatic and Disease Modifying Effects of Leflunomide in Collagen Induced Arthritis. <i>PLoS ONE</i> , 2014, 9, e111843.	1.1	11
50	Molecular design and synthesis of 1,4-disubstituted piperazines as $\alpha$ 1-adrenergic receptor blockers. <i>Biorganic Chemistry</i> , 2014, 54, 21-30.	2.0	10
51	Effects of plant-derived anti-leukemic drugs on individualized leukemic cell population profiles in Egyptian patients. <i>Oncology Letters</i> , 2016, 11, 642-648.	0.8	10
52	Antiproliferative effects of triterpenoidal derivatives, obtained from the marine sponge <i>Siphonochalina</i> sp., on human hepatic and colorectal cancer cells. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2016, 71, 29-35.	0.6	10
53	Effect of finasteride particle size reduction on its pharmacokinetic, tissue distribution and cellular permeation. <i>Drug Delivery</i> , 2018, 25, 555-563.	2.5	10
54	Transcriptional profiling of breast cancer cells in response to mevinolin: Evidence of cell cycle arrest, DNA degradation and apoptosis. <i>International Journal of Oncology</i> , 2016, 48, 1886-1894.	1.4	9

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55	Intra-tumoral drug concentration mapping within solid tumor micro-milieu using in-vitro model and doxorubicin as a model drug. Saudi Pharmaceutical Journal, 2020, 28, 754-762.	1.2	6
56	Gastroprotection against Rat Ulcers by Nephthea Sterol Derivative. Biomolecules, 2021, 11, 1247.	1.8	6
57	The influence of antioxidant dietary-derived polyphenolic combination on breast cancer: Molecular study. Biomedicine and Pharmacotherapy, 2022, 149, 112835.	2.5	6
58	Design and synthesis of novel phenylaminopyrimidines with antiproliferative activity against colorectal cancer. RSC Advances, 2019, 9, 21578-21586.	1.7	5
59	Cattleianal and Cattleianone: Two New Meroterpenoids from Psidium cattleianum Leaves and Their Selective Antiproliferative Action against Human Carcinoma Cells. Molecules, 2021, 26, 2891.	1.7	5
60	Bioactive marine metabolites derived from the Persian Gulf compared to the Red Sea: similar environments and wide gap in drug discovery. PeerJ, 2021, 9, e11778.	0.9	5
61	LC-MS/MS monitoring of the colorectal carcinoma cellular uptake and entrapment of sorafenib and its N-oxide active metabolite. Journal of Pharmaceutical and Biomedical Analysis, 2022, 213, 114687.	1.4	3
62	Chemo-sensitizing agents from natural origin for colorectal cancer: Pharmacodynamic and cellular pharmacokinetics approaches. , 2020, , 93-116.		2
63	Abstract 1205: Rubrofusarin and toralactone sensitize resistant MCF-7adrcell line to paclitaxel via inhibiting P-glycoprotein efflux activity. , 2017, , .		2
64	Abstract 4208: Inhibition of proliferation and induction of apoptosis by a novel phytochemical mixture against breast cancer cell lines. , 2017, , .		2
65	leave extracts induce cell death of MCF-7, HepG2, and LS-174T cancer cell lines. EXCLI Journal, 2020, 19, 1282-1294.	0.5	2
66	Determination of bevantolol in human plasma by high performance liquid chromatography using solid phase extraction technique. Archives of Pharmacal Research, 2007, 30, 890-897.	2.7	1
67	Abstract 2176: Thymoquinone synergizes the anticancer properties of cisplatin against head and neck squamous cell carcinoma and protects normal oral epithelial cells. , 2017, , .		1
68	Abstract 263: Epicatechin protects from doxorubicin induced cardiotoxicity without affecting its cytotoxic profile in breast cancer cells. Cancer Research, 2016, 76, 263-263.	0.4	1
69	Abstract 287: Design and synthesis of imidazole derivatives as augmented prooxidant anticancer agents. , 2021, , .		0
70	Abstract 313: Synergistic interaction between gingerol, shogaol and paradol with platinum-based chemotherapeutic drugs against naïve and resistant breast cancer cells. , 2021, , .		0
71	Abstract 3591: Efficacy and distribution of intratumoral paclitaxel given alone or in combination with doxorubicin using hydrogel in nude mice. , 2010, , .		0
72	Abstract 1698: Resveratrol potentiates the cytotoxic profile of docetaxel and doxorubicin via inhibiting the activity and expression of p-glycoprotein molecules. , 2011, , .		0

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73	Abstract 543: Estrogen metabolism within prostatic micro-milieu: insights to prostatic carcinogenesis. , 2012, , .		0
74	Abstract 3800: Antiproliferative effect of fingolimod (FTY720) in human prostate cancer cells: Insights to estrogen metabolism in situ. , 2014, , .		0
75	Abstract 3797: Efficacy and pharmacokinetics of gold nanorods coupled with laser-induced photoplasmonic therapy in solid tumor bearing mice. , 2014, , .		0
76	Abstract 4507: Intra-tumoral pharmacokinetic profiling for doxorubicin within solid tumor micromilieu using multicellular layers culture in-vitro. , 2015, , .		0
77	Abstract 5557: Chemotherapeutic and chemomodulatory effects of naturally occurring O-naphthoquinone and related coumarins against solid tumor cells in-vitro. , 2015, , .		0
78	Abstract 4846: Chemotherapeutic and chemomodulatory effects of naturally occurring tetrahydrofuran type terpenoid. , 2016, , .		0
79	Abstract 260: Quercetin protects from doxorubicin induced vascular toxicity but impairs its cytotoxic profile in breast cancer cells. , 2016, , .		0
80	Abstract 2188: Isolation and anticancer properties of some naturally occurring sesquiterpene lactones from Pulicaria undulate. , 2016, , .		0
81	Abstract 2151: Gingerol, paradol and shogaol overcome colorectal cancer cell resistance to sorafenib via enhancing its cellular uptake, entrapment and intracellular metabolism. , 2016, , .		0
82	Abstract 2115: Therapeutic potential of fingolimod against prostate cancer cells is partly attributed to interrupting the cross talk between estrogen and sphingolipid metabolisms. , 2017, , .		0
83	Abstract 1085: Time dependent analysis for the combination of standardized Annona cherimola and Solanum nigrum extracts with 5-FU against head and neck cancer cells. , 2017, , .		0
84	Abstract 131: Chemotherapeutic effects of naturally occurring colossolactones against solid tumor cells in-vitro. , 2017, , .		0