

# Amira M Gamal-Eldeen

## List of Publications by Year in descending order

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90  
papers

2,431  
citations

218677

26  
h-index

223800

46  
g-index

93  
all docs

93  
docs citations

93  
times ranked

3903  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer chemopreventive activity of Xanthohumol, a natural product derived from hop. <i>Molecular Cancer Therapeutics</i> , 2002, 1, 959-69.	4.1	301
2	Mechanism-based in vitro screening of potential cancer chemopreventive agents. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 523-524, 163-172.	1.0	282
3	Antitumor and antioxidant activities of levan and its derivative from the isolate <i>Bacillus subtilis</i> NRC1aza. <i>Carbohydrate Polymers</i> , 2012, 89, 314-322.	10.2	102
4	In vitro cancer chemopreventive properties of polysaccharide extract from the brown alga, <i>Sargassum latifolium</i> . <i>Food and Chemical Toxicology</i> , 2009, 47, 1378-1384.	3.6	94
5	Anticancer and Antioxidant Tannins from <i>Pimenta dioica</i> Leaves. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 526-536.	1.4	69
6	New pyridone, thioxopyridine, pyrazolopyridine and pyridine derivatives that modulate inflammatory mediators in stimulated RAW 264.7 murine macrophage. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4547-4556.	5.5	66
7	Preparation, characterization and in vitro biological study of biomimetic three-dimensional gelatin-montmorillonite/cellulose scaffold for tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 2527-2540.	3.6	56
8	Cancer chemopreventive and anti-inflammatory activities of chemically modified guar gum. <i>Chemico-Biological Interactions</i> , 2006, 161, 229-240.	4.0	55
9	Scaling up, characterization of levan and its inhibitory role in carcinogenesis initiation stage. <i>Carbohydrate Polymers</i> , 2013, 95, 578-587.	10.2	52
10	Modified gold nanoparticles for intracellular delivery of anti-liver cancer siRNA. <i>International Journal of Pharmaceutics</i> , 2016, 504, 125-133.	5.2	50
11	In vitro efficiency and mechanistic role of indocyanine green as photodynamic therapy agent for human melanoma. <i>Photodiagnosis and Photodynamic Therapy</i> , 2009, 6, 105-116.	2.6	49
12	Synthesis, antiproliferative, anti-tubulin activity, and docking study of new 1,2,4-triazoles as potential combretastatin analogues. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 293-305.	5.5	47
13	<i>Bifidobacterium longum</i> Suppresses Murine Colorectal Cancer through the Modulation of oncomiRs and Tumor Suppressor miRNAs. <i>Nutrition and Cancer</i> , 2019, 71, 688-700.	2.0	45
14	Chemically-modified polysaccharide extract derived from <i>Leucaena leucocephala</i> alters Raw 264.7 murine macrophage functions. <i>International Immunopharmacology</i> , 2007, 7, 871-878.	3.8	44
15	Induction of intrinsic apoptosis pathway in colon cancer HCT-116 cells by novel 2-substituted-5,6,7,8-tetrahydronaphthalene derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 77, 323-333.	5.5	42
16	Modulation of carcinogen metabolizing enzymes by chromanone A; a new chromone derivative from algicolous marine fungus <i>Penicillium</i> sp.. <i>Environmental Toxicology and Pharmacology</i> , 2009, 28, 317-322.	4.0	39
17	Immunomodulatory and Anticancer Activities of Some Novel 2-Substituted-6-bromo-3-methylthiazolo[3,2-a]benzimidazole Derivatives. <i>Archiv Der Pharmazie</i> , 4.1 2009, 342, 230-237.	4.1	38
18	Photodynamic therapeutic activity of indocyanine green entrapped in polymeric nanoparticles. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 173-185.	2.6	38

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19	A new pyrrole alkaloid isolated from <i>Arum palaestinum</i> Boiss. and its biological activities. <i>Archives of Pharmacal Research</i> , 2007, 30, 927-931.	6.3	37
20	Gum Arabic-encapsulated gold nanoparticles for a non-invasive photothermal ablation of lung tumor in mice. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 1045-1054.	5.6	34
21	Modulation of carcinogen metabolizing enzymes by new fused heterocycles pendant to 5,6,7,8-tetrahydronaphthalene derivatives. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 463-470.	5.5	33
22	Î <sup>2</sup> -Tricalcium phosphate promotes cell proliferation, osteogenesis and bone regeneration in intrabony defects in dogs. <i>Archives of Oral Biology</i> , 2009, 54, 1083-1090.	1.8	32
23	New Terpenes from the Egyptian Soft Coral <i>Sarcophyton ehrenbergi</i> . <i>Marine Drugs</i> , 2014, 12, 1977-1986.	4.6	32
24	Photothermal therapy mediated by gum Arabic-conjugated gold nanoparticles suppresses liver preneoplastic lesions in mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 47-56.	3.8	31
25	Photodynamic therapeutic effect of indocyanine green entrapped in polymeric nanoparticles and their anti-EGFR-conjugate in skin cancer in CD1 mice. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 446-459.	2.6	30
26	Anti-Cancer and Immunostimulatory Activity of Chromones and Other Constituents from <i>Cassia petersiana</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 331-338.	1.4	28
27	A crystal lapiferin derived from <i>Ferula vesceritensis</i> induces apoptosis pathway in MCF-7 breast cancer cells. <i>Natural Product Research</i> , 2010, 24, 246-257.	1.8	28
28	Anti-genotoxic effect of the <i>Sargassum dentifolium</i> extracts: Prevention of chromosomal aberrations, micronuclei, and DNA fragmentation. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 27-34.	2.1	27
29	New cytotoxic constituents from the Red Sea soft coral <i>Nephthea</i> sp.. <i>Natural Product Research</i> , 2016, 30, 1266-1272.	1.8	26
30	Liposome-coated nano doxorubicin induces apoptosis on oral squamous cell carcinoma CAL-27 cells. <i>Archives of Oral Biology</i> , 2019, 103, 47-54.	1.8	26
31	Synthesis, cytotoxic activity, and tubulin polymerization inhibitory activity of new pyrrol-2(3H)-ones and pyridazin-3(2H)-ones. <i>Bioorganic Chemistry</i> , 2016, 66, 46-62.	4.1	24
32	Cytotoxic and anti-inflammatory activities of some constituents from the floral buds of <i>Syringa patula</i> . <i>Pharmaceutical Biology</i> , 2009, 47, 872-877.	2.9	22
33	Thieno[2,3- <i>d</i> ]pyrimidines in the Synthesis of Antitumor and Antioxidant Agents. <i>Archiv Der Pharmazie</i> , 2010, 343, 301-309.	4.1	22
34	Synergistic apoptotic effect of Doxil® and aminolevulinic acid-based photodynamic therapy on human breast adenocarcinoma cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2014, 11, 227-238.	2.6	22
35	Bioactive/Natural Polymeric Scaffolds Loaded with Ciprofloxacin for Treatment of Osteomyelitis. <i>AAPS PharmSciTech</i> , 2017, 18, 1056-1069.	3.3	22
36	Scaling up of levan yield in <i>Bacillus subtilis</i> M and cytotoxicity study on levan and its derivatives. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 655-662.	2.2	22

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37	An Efficient Synthesis of Thiazolidineâ€”Cones with Antitumor and Antioxidant Activities. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 726-731.	2.6	21
38	The role of microRNAs in photodynamic therapy of cancer. <i>European Journal of Medicinal Chemistry</i> , 2017, 142, 550-555.	5.5	21
39	Epigallocatechin gallate-capped gold nanoparticles enhanced the tumor suppressors let-7a and miR-34a in hepatocellular carcinoma cells. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20200574.	0.8	21
40	Photothermal therapeutic effect of PEGylated gold nano-semicubes in chemically-induced skin cancer in mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 21-29.	3.8	19
41	Modulatory Effect of Indoles on the Expression of miRNAs Regulating G1/S Cell Cycle Phase in Breast Cancer Cells. <i>Applied Biochemistry and Biotechnology</i> , 2020, 192, 1208-1223.	2.9	19
42	Novel thalidomide analogs: Anti-angiogenic and apoptotic effects on Hep-G2 and MCF-7 cancer cell lines. <i>Biomedicine and Aging Pathology</i> , 2014, 4, 179-189.	0.8	18
43	Enhanced anticancer effect of Combretastatin A-4 phosphate when combined with vincristine in the treatment of hepatocellular carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 36-46.	5.6	18
44	Anti-inflammatory effect of thalidomide dithiocarbamate and dithioate analogs. <i>Chemico-Biological Interactions</i> , 2015, 238, 74-81.	4.0	17
45	Synergistic Effect of Î±-Solanine and Cisplatin Induces Apoptosis and Enhances Cell Cycle Arrest in Human Hepatocellular Carcinoma Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 19, 2197-2210.	1.7	17
46	Synthesis and Evaluation of Thalidomide and Phthalimide Esters as Antitumor Agents. <i>Archiv Der Pharmazie</i> , 2014, 347, 642-649.	4.1	15
47	Purification and characterization of a cytotoxic neurotoxin-like protein from <i>Naja haje haje</i> venom that induces mitochondrial apoptosis pathway. <i>Archives of Toxicology</i> , 2011, 85, 941-952.	4.2	14
48	Effect of Tumor Suppressor MiR-34a Loaded on ZSM-5 Nanozeolite in Hepatocellular Carcinoma: In Vitro and In Vivo Approach. <i>Current Gene Therapy</i> , 2019, 19, 342-354.	2.0	14
49	Synthesis, Cytotoxicity, Docking Study, and Tubulin Polymerization Inhibitory Activity of Novel 1â€”(3,4â€”Dimethoxyphenyl)â€”(3,4,5â€”trimethoxyphenyl)â€”1,2,4â€”triazoleâ€”3â€”carboxanilides. <i>Archiv Der Pharmazie</i> , 2014, 347, 658-667.		13
50	Cytotoxic effect of ferrimagnetic glass-ceramic nanocomposites on bone osteosarcoma cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 689-697.	5.6	13
51	Evaluation of lapatinib cytotoxicity and genotoxicity on MDA-MB-231 breast cancer cell line. <i>Environmental Toxicology and Pharmacology</i> , 2019, 71, 103207.	4.0	13
52	Silencing of the cytokine receptor TNFRSF13B: A new therapeutic target for triple-negative breast cancer. <i>Cytokine</i> , 2020, 125, 154790.	3.2	13
53	1,3,4-oxadiazole-2-thione Derivatives; Novel Approach for Anticancer and Tubulin Polymerization Inhibitory Activities. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 16, 269-277.	1.7	12
54	Synthesis and screening of anti-cancer, antioxidant, and anti-inflammatory activities of novel galloyl pyrazoline derivatives. <i>Pharmaceutical Biology</i> , 2009, 47, 854-863.	2.9	11

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55	Efficient microwave irradiation enhanced stereoselective synthesis and antitumor activity of indolylchalcones and their pyrazoline analogs. <i>Journal of Chemical Sciences</i> , 2010, 122, 587-595.	1.5	11
56	C-(2-Chloroquinoline-3-yl)-N-phenyl Nitron: New Synthetic Antioxidant Inhibits Proliferation and Induces Apoptosis of Breast Carcinoma MCF-7 Cells. <i>Archiv Der Pharmazie</i> , 2006, 339, 242-249.	4.1	10
57	Molecular cytogenetic evaluation of the efficacy of photodynamic therapy by indocyanine green in breast adenocarcinoma MCF-7 cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 194-202.	2.6	10
58	Detection of Cyto- and Genotoxicity of Rod-Shaped Gold Nanoparticles in Human Blood Lymphocytes Using Comet-FISH. <i>Cytologia</i> , 2015, 80, 173-181.	0.6	10
59	In vitro kinetic investigations on the bioactivity and cytocompatibility of bioactive glasses prepared via melting and sol-gel techniques for bone regeneration applications. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 015029.	3.3	10
60	The diagnostic efficacy of circulating miRNAs in monitoring the early development of colitis-induced colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16668-16680.	2.6	10
61	Cytotoxicity and Anti-Inflammatory Activity of Methylsulfanyl-triazoloquinazolines. <i>Molecules</i> , 2013, 18, 1434-1446.	3.8	9
62	Induction of Caspase-8 and Death Receptors by a New Dammarane Skeleton from the Dried Fruits of <i>Forsythia koreana</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 29-38.	1.4	9
63	Photodynamic therapeutic role of indocyanine green in tumor-associated inflammation in skin cancer. <i>Photodiagnosis and Photodynamic Therapy</i> , 2014, 11, 239-249.	2.6	9
64	In vitro biological study of gelatin/PLG nanocomposite using MCF-7 breast cancer cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 1388-1396.	4.0	8
65	Polysaccharide extracts of the brown alga <i>Sargassum asperifolium</i> possess in vitro cancer chemopreventive properties. <i>Natural Product Research</i> , 2014, 28, 2304-2311.	1.8	7
66	Thalidomide dithiocarbamate and dithioate derivatives induce apoptosis through inhibition of histone deacetylases and induction of caspases. <i>Journal of Genetic Engineering and Biotechnology</i> , 2014, 12, 65-70.	3.3	7
67	Gum arabic-encapsulated gold nanoparticles modulate hypoxamiRs expression in tongue squamous cell carcinoma. <i>Molecular and Cellular Toxicology</i> , 2021, 17, 111-121.	1.7	7
68	Involvement of miRNAs in response to oxidative stress induced by the steroidal glycoalkaloid solanine in hepatocellular carcinoma cells. <i>Environmental Toxicology</i> , 2022, 37, 212-223.	4.0	7
69	Steroidal Metabolites Transformed by <i>Marchantia polymorpha</i> Cultures Block Breast Cancer Estrogen Biosynthesis. <i>Cell Biochemistry and Biophysics</i> , 2012, 63, 85-96.	1.8	6
70	Synthesis and biological evaluation of phthalimide dithiocarbamate and dithioate derivatives as anti-proliferative and anti-angiogenic agents-I. <i>European Journal of Chemistry</i> , 2017, 8, 391-399.	0.6	6
71	Synthesis of new thiazolidine ylidenes of antitumor and antioxidant activities. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 547-554.	2.6	5
72	Antitumor and Immunostimulatory Activity of Two Chromones and Other Constituents from <i>Cassia Petersiana</i> . <i>Natural Product Communications</i> , 2006, 1, 1934578X0600101.	0.5	4

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73	Cancer Chemopreventive Properties of Sulfated <i>Enterolobium cyclocarpum</i> Extract. <i>Nutrition and Cancer</i> , 2021, 73, 856-868.	2.0	4
74	Association between interferon-gamma (IFN- $\gamma$ ) gene polymorphisms (+874A/T and +2109A/G), and susceptibility to hepatitis B viral infection (HBV). <i>Journal of Applied Biomedicine</i> , 2022, , .	1.7	4
75	Antioxidant and Anti-Proliferative Active Constituents of <i>Tecoma Stans</i> against Tumor Cell Lines. <i>Natural Product Communications</i> , 2006, 1, 1934578X0600100.	0.5	3
76	Anti-inflammatory Activity of New Guaiaine Acid Derivatives from <i>Achillea Coarctata</i> . <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.5	3
77	Selectivity of N-aryl-N <sup>2</sup> -arylthioureas towards 2-(1,3-dioxo-1H-inden-2(3H)-ylidene)malononitrile. New synthesis of (Z)-N-((E)-4-amino-1-aryl-5-cyano-6-oxo-1H-indeno[1,2-d][1,3]-Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (thiaz Chemistry, 2010, 47, NA-NA.	2.6	3
78	Spectroscopic Identification of New Ellagitannins and a Trigalloylglucosylkaempferol from an Extract of <i>Euphorbia cotinifolia</i> L. with Antitumour and Antioxidant Activity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2012, 67, 151-162.	1.4	3
79	Potential of rod, sphere and semi-cube shaped gold nanoparticles to induce cytotoxicity and genotoxicity in human blood lymphocytes in vitro. <i>European Journal of Nanomedicine</i> , 2015, 7, .	0.6	3
80	Effect of Combined Perftoran and Indocyanine Green-Photodynamic Therapy on HypoxamiRs and OncomiRs in Lung Cancer Cells. <i>Frontiers in Pharmacology</i> , 2022, 13, 844104.	3.5	3
81	In Vivo Genotoxicity of Gold Nanorods in Mouse Bone Marrow Compared with Cyclophosphamide. <i>Nano Biomedicine and Engineering</i> , 2016, 8, .	0.9	1
82	Tumor Anti-Initiation and Anti-Progression Properties of Sulphated-Extract of <i>Colocasia esculenta</i> . <i>Polish Journal of Food and Nutrition Sciences</i> , 2021, , 393-401.	1.7	1
83	<i>Angelica archangelica</i> and <i>Ginkgo biloba</i> Extracts Recover Functional Blood Hemoglobin Derivatives in Rabbits Exposed to High Altitude. <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, 1377-1382.	1.6	1
84	Perftoran <sup>®</sup> Inhibits Hypoxia-Associated Resistance in Lung Cancer Cells to Carboplatin. <i>Frontiers in Pharmacology</i> , 2022, 13, 860898.	3.5	1
85	Synthesis of New 2-Substituted 6-Bromo-3-methylthiazolo[3,2-a]-benzimidazole Derivatives and their Biological Activities. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2011, 66, 7-16.	1.4	0
86	Sulfated extract of <i>Abelmoschus esculentus</i> : A potential cancer chemopreventive agent. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, .	1.6	0
87	Association of Circulating Levels of Hypoxia-Inducible Factor-1 $\alpha$ and miR-210 with Photosensitivity in Systemic Lupus Erythematosus Patients. <i>Current Molecular Medicine</i> , 2023, 23, 185-192.	1.3	0
88	Perftoran improves Visudyne-photodynamic therapy via suppressing hypoxia pathway in murine lung cancer. <i>Journal of Radiation Research and Applied Sciences</i> , 2022, 15, 238-244.	1.2	0
89	Phthalimide Analogs Enhance Genotoxicity of Cyclophosphamide and Inhibit Its Associated Hypoxia. <i>Frontiers in Chemistry</i> , 2022, 10, 890675.	3.6	0
90	Anti-hypoxic Effect of Polysaccharide Extract of Brown Seaweed <i>Sargassum dentifolium</i> in Tongue Squamous Cell Carcinoma. <i>Frontiers in Nutrition</i> , 2022, 9, 854780.	3.7	0