

# Samia A Shouman

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

1,481  
citations

304743

22  
h-index

361022

35  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2944  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis and in vitro antitumor activity of 4-aminoquinoline and 4-aminoquinazoline derivatives targeting EGFR tyrosine kinase. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7543-7551.	3.0	87
2	Resveratrol inhibits proliferation, angiogenesis and induces apoptosis in colon cancer cells. <i>Human and Experimental Toxicology</i> , 2013, 32, 1067-1080.	2.2	76
3	Improved chemo-photothermal therapy of hepatocellular carcinoma using chitosan-coated gold nanoparticles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 182, 92-99.	3.8	76
4	Chloroquine synergizes sunitinib cytotoxicity via modulating autophagic, apoptotic and angiogenic machineries. <i>Chemico-Biological Interactions</i> , 2014, 217, 28-40.	4.0	75
5	Targeting colorectal cancer cell metabolism through development of cisplatin and metformin nano-cubosomes. <i>BMC Cancer</i> , 2018, 18, 822.	2.6	63
6	Cytotoxic and Antimicrobial Evaluations of Novel Apoptotic and Anti-Angiogenic Spiro Cyclic Oxindole Derivatives of 2-Amino-5-tetrahydroquinolin-5-one. <i>Archiv Der Pharmazie</i> , 2015, 348, 113-124.	4.1	57
7	Anticancer potentiality of lignan rich fraction of six Flaxseed cultivars. <i>Scientific Reports</i> , 2018, 8, 544.	3.3	54
8	Chalcones Incorporated Pyrazole Ring Inhibit Proliferation, Cell Cycle Progression, Angiogenesis and Induce Apoptosis of MCF7 Cell Line. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1282-1292.	1.7	44
9	A STUDY ON THE REPRODUCTIVE TOXICITY OF ERYTHROSINE IN MALE MICE. <i>Pharmacological Research</i> , 1997, 35, 457-462.	7.1	42
10	REVERSAL OF DOXORUBICIN-INDUCED CARDIAC METABOLIC DAMAGE BY L-CARNITINE. <i>Pharmacological Research</i> , 1999, 39, 289-295.	7.1	42
11	PROPIONYL- $\gamma$ -CARNITINE AS POTENTIAL PROTECTIVE AGENT AGAINST ADRIAMYCIN-INDUCED IMPAIRMENT OF FATTY ACID BETA-OXIDATION IN ISOLATED HEART MITOCHONDRIA. <i>Pharmacological Research</i> , 2000, 41, 143-150.	7.1	42
12	Pharmacokinetics, immunogenicity and anticancer efficiency of <i>Aspergillus flavipes</i> l-methioninase. <i>Enzyme and Microbial Technology</i> , 2012, 51, 200-210.	3.2	40
13	Effect of Tumour Necrosis Factor-Alpha on Estrogen Metabolic Pathways in Breast Cancer Cells. <i>Journal of Cancer</i> , 2012, 3, 310-321.	2.5	37
14	Synthesis and Biological Evaluation of a Novel Series of Chalcones Incorporated Pyrazole Moiety as Anticancer and Antimicrobial Agents. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 1153-1162.	2.9	36
15	Chemopreventive and therapeutic potentials of thymoquinone in HepG2 cells: mechanistic perspectives. <i>Journal of Natural Medicines</i> , 2015, 69, 313-323.	2.3	36
16	Anticancer effect of nor-wogonin (5, 7, 8-trihydroxyflavone) on human triple-negative breast cancer cells via downregulation of TAK1, NF- $\kappa$ B, and STAT3. <i>Pharmacological Reports</i> , 2019, 71, 289-298.	3.3	34
17	Impact of Global DNA Methylation in Treatment Outcome of Colorectal Cancer Patients. <i>Frontiers in Pharmacology</i> , 2018, 9, 1173.	3.5	32
18	Ameliorating effect of DL- $\alpha$ -lipoic acid against cisplatin-induced nephrotoxicity and cardiotoxicity in experimental animals. <i>Drug Discoveries and Therapeutics</i> , 2012, 6, 147-56.	1.5	32

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19	Targeting glycolysis by 3-bromopyruvate improves tamoxifen cytotoxicity of breast cancer cell lines. <i>BMC Cancer</i> , 2015, 15, 838.	2.6	30
20	Modulation of Tamoxifen Cytotoxicity by Caffeic Acid Phenethyl Ester in MCF-7 Breast Cancer Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-13.	4.0	29
21	Combination of metformin and 5-aminosalicylic acid cooperates to decrease proliferation and induce apoptosis in colorectal cancer cell lines. <i>BMC Cancer</i> , 2016, 16, 126.	2.6	29
22	Part I: Design, synthesis and biological evaluation of novel pyrazole-benzimidazole conjugates as checkpoint kinase 2 (Chk2) inhibitors with studying their activities alone and in combination with genotoxic drugs. <i>European Journal of Medicinal Chemistry</i> , 2017, 134, 392-405.	5.5	29
23	Pulmonary toxicity of acrylonitrile: covalent interaction and effect on replicative and unscheduled DNA synthesis in the lung. <i>Toxicology</i> , 1992, 76, 1-14.	4.2	23
24	From Resistance to Sensitivity: Insights and Implications of Biphasic Modulation of Autophagy by Sunitinib. <i>Frontiers in Pharmacology</i> , 2017, 8, 718.	3.5	23
25	Effect of Glutathione Modulation On the Distribution and Transplacental Uptake of 2-[14C]-Chloroacetonitrile (Can) Quantitative Whole-Body Autoradiographic Study in Pregnant Mice. <i>Toxicology and Industrial Health</i> , 1998, 14, 533-546.	1.4	21
26	Modulation of Imatinib Cytotoxicity by Selenite in HCT116 Colorectal Cancer Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 116, 37-46.	2.5	21
27	Part II: New candidates of pyrazole-benzimidazole conjugates as checkpoint kinase 2 (Chk2) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 859-873.	5.5	21
28	Ameliorating effect of DL- $\alpha$ -lipoic acid against cisplatin-induced nephrotoxicity and cardiotoxicity in experimental animals. <i>Drug Discoveries and Therapeutics</i> , 2012, , .	1.5	19
29	Effect of glutathione modulation on molecular interaction of [14C]-chloroacetonitrile with maternal and fetal DNA in mice. <i>Reproductive Toxicology</i> , 1993, 7, 263-272.	2.9	18
30	Modulation of radiation-induced organs toxicity by cremophor-el in experimental animals. <i>Pharmacological Research</i> , 2001, 43, 185-191.	7.1	18
31	Design, synthesis and biological evaluation of a new thieno[2,3- <i>d</i> ]pyrimidine-based urea derivative with potential antitumor activity against tamoxifen sensitive and resistant breast cancer cell lines. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1641-1656.	5.2	18
32	Combination of imatinib and clotrimazole enhances cell growth inhibition in T47D breast cancer cells. <i>Chemico-Biological Interactions</i> , 2015, 233, 147-156.	4.0	17
33	Could Caffeic Acid Phenethyl Ester Expand the Antitumor Effect of Tamoxifen in Breast Carcinoma?. <i>Nutrition and Cancer</i> , 2016, 68, 435-445.	2.0	16
34	Part III: Novel checkpoint kinase 2 (Chk2) inhibitors; design, synthesis and biological evaluation of pyrimidine-benzimidazole conjugates. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 687-708.	5.5	16
35	Blockade of CDK7 Reverses Endocrine Therapy Resistance in Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2974.	4.1	16
36	Dorzolamide synergizes the antitumor activity of mitomycin C against Ehrlich's carcinoma grown in mice: role of thioredoxin-interacting protein. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 1271-1282.	3.0	15

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37	Leptin influences estrogen metabolism and increases DNA adduct formation in breast cancer cells. <i>Cancer Biology and Medicine</i> , 2016, 13, 505.	3.0	15
38	Cu (I) catalyzed alkyne-azide 1,3-dipolar cycloaddition (CuAAC): Synthesis of 17 $\beta$ -[1-(substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 antipro-liferative activities. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 75-82.	5.5	14
39	Evaluation of tamoxifen and simvastatin as the combination therapy for the treatment of hormonal dependent breast cancer cells. <i>Toxicology Reports</i> , 2019, 6, 1114-1126.	3.3	14
40	Significance of serum levels of vitamin D and some related minerals in breast cancer patients. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 4074-82.	0.5	14
41	Sodium selenite ameliorates both intestinal and extra-intestinal changes in acetic acid-induced colitis in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 639-647.	3.0	13
42	Melilotus indicus extract induces apoptosis in hepatocellular carcinoma cells via a mechanism involving mitochondria-mediated pathways. <i>Cytotechnology</i> , 2018, 70, 831-842.	1.6	11
43	Suppression of macrophages- Induced inflammation via targeting RAS and PAR-4 signaling in breast cancer cell lines. <i>Toxicology and Applied Pharmacology</i> , 2019, 385, 114773.	2.8	11
44	The Combination of $\alpha$ -Tocopheryl Succinate and Sodium Selenite on Breast Cancer: A Merit or a Demerit?. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-14.	4.0	10
45	Laser Enhanced Combinatorial Chemo-photothermal Therapy of Green Synthesis Gold Nanoparticles Loaded with 6-Mercaptopurine on Breast Cancer Model. <i>Journal of Pharmaceutical Innovation</i> , 2023, 18, 144-148.	2.4	10
46	Carbonic anhydrase inhibition boosts the antitumor effects of Imatinib mesylate via potentiating the antiangiogenic and antimetastatic machineries. <i>Toxicology and Applied Pharmacology</i> , 2017, 316, 123-138.	2.8	9
47	Anticancer Activities of New N-hetaryl-2-cyanoacetamide Derivatives Incorporating 4,5,6,7-Tetrahydrobenzo[b]thiophene Moiety. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1084-1092.	1.7	9
48	$\alpha$ -Tocopheryl Succinate Evokes An Unpredicted Antagonism For Tamoxifen In MCF-7 Breast Cancer Cells. <i>Cancer Management and Research</i> , 2019, Volume 11, 10011-10028.	1.9	8
49	Association of the Trough, Peak/Trough Ratio of Imatinib, Pyridine $\alpha$ -N-Oxide Imatinib and ABCG2 SNPs 34 G>A and SLCO1B3 334 T>G With Imatinib Response in Egyptian Chronic Myeloid Leukemia Patients. <i>Frontiers in Oncology</i> , 2020, 10, 1348.	2.8	7
50	Promising antitumor effect of alpha-tocopheryl succinate in human colon and liver cancer cells. <i>Medicinal Chemistry Research</i> , 2012, 21, 2735-2743.	2.4	6
51	Capecitabine-Based Chemoendocrine Combination as First-Line Treatment for Metastatic Hormone-Positive Metastatic Breast Cancer: Phase 2 Study. <i>Clinical Breast Cancer</i> , 2020, 20, 228-237.	2.4	6
52	Urinary CA 19.9 as marker for bladder cancer. <i>Lancet</i> , The, 1995, 346, 512-513.	18.7	5
53	Modulatory effects of L-carnitine on tamoxifen toxicity and oncolytic activity. <i>Human and Experimental Toxicology</i> , 2014, 33, 968-979.	2.2	5
54	Design, Synthesis, and Cytotoxicity Evaluation of Novel Griseofulvin Analogues with Improved Water Solubility. <i>International Journal of Medicinal Chemistry</i> , 2017, 2017, 1-12.	2.2	5

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55	&lt;p&gt;Analgesic Effect of Morphine Added to Bupivacaine in Serratus Anterior Plane Block Following Modified Radical Mastectomy. Only a Local Effect? Randomized Clinical Trial&lt;/p&gt;. Journal of Pain Research, 2020, Volume 13, 661-668.	2.0	5
56	Development of Sedative Dexmedetomidine Sublingual In Situ Gels: In Vitro and In Vivo Evaluations. Pharmaceutics, 2022, 14, 220.	4.5	5
57	Pharmacokinetics of vancomycin in oncology egyptian paediatrics: a dosage adjustment trial. Indian Journal of Pharmaceutical Sciences, 2014, 76, 82-6.	1.0	4
58	Pharmacokinetics and Pharmacodynamics of Dexmedetomidine Administered as an Adjunct to Bupivacaine for Transversus Abdominis Plane Block in Patients Undergoing Lower Abdominal Cancer Surgery. Journal of Pain Research, 2022, Volume 15, 1-12.	2.0	4
59	The Clinical Significance of Promoter Methylation of Fluoropyrimidine Metabolizing and Cyclooxygenase Genes in Colorectal Cancer. Epigenetics Insights, 2021, 14, 251686572098623.	2.0	2
60	Targeting CDK7 reverses tamoxifen resistance through regulating stemness in ER+ breast cancer. Pharmacological Reports, 2022, , 1.	3.3	2
61	Effect of N-acetylcysteine on $\hat{I}^3$ -radiation-induced cytotoxicity in human hepatocellular carcinoma cells. Biomedicine and Aging Pathology, 2014, 4, 317-321.	0.8	1
62	Fluoropyrimidine therapy induced alterations in interleukins expression in colorectal cancer patients. International Journal of Immunopathology and Pharmacology, 2021, 35, 205873842110083.	2.1	1
63	Role of let7-g and miR-221 level as potential predictors for overall survival of hepatocellular carcinoma patients. Arab Journal of Gastroenterology, 2022, 23, 151-158.	0.9	1
64	Efficacy and toxicity of once versus twice daily regimens of amikacin in febrile neutropenic pediatric cancer patients. Beni-Suef University Journal of Basic and Applied Sciences, 2017, 6, 76-82.	2.0	0
65	Determination of the Cut-off Value for Imatinib Plasma Levels Linked to Occurrence of Bone Pain in CML Patients. Drug Design, Development and Therapy, 0, Volume 16, 1595-1604.	4.3	0