Raafat El-Awady

List of Publications by Year in descending order

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33 papers	960 citations	471509 17 h-index	454955 30 g-index
33 all docs	33 docs citations	33 times ranked	1757 citing authors

#	Article	IF	Citations
1	The Role of Eukaryotic and Prokaryotic ABC Transporter Family in Failure of Chemotherapy. Frontiers in Pharmacology, 2016, 7, 535.	3.5	108
2	Safranal induces DNA double-strand breakage and ER-stress-mediated cell death in hepatocellular carcinoma cells. Scientific Reports, 2018, 8, 16951.	3.3	82
3	Antioxidant and anticancer activities of Trigonella foenum-graecum, Cassia acutifolia and Rhazya stricta. BMC Complementary and Alternative Medicine, 2018, 18, 240.	3.7	77
4	Molecular characterization of the grape seeds extractâ€™s effect against chemically induced liver cancer: In vivo and in vitro analyses. Scientific Reports, 2018, 8, 1270.	3.3	68
5	Inhibition of exosome release by ketotifen enhances sensitivity of cancer cells to doxorubicin. Cancer Biology and Therapy, 2018, 19, 25-33.	3.4	61
6	Recent advances in management of COVID-19: A review. Biomedicine and Pharmacotherapy, 2021, 143, 112107.	5.6	55
7	Epigenetics and miRNA as predictive markers and targets for lung cancer chemotherapy. Cancer Biology and Therapy, 2015, 16, 1056-1070.	3.4	47
8	Camel whey protein hydrolysates induced G2/M cellcycle arrest in human colorectal carcinoma. Scientific Reports, 2021, 11, 7062.	3.3	47
9	Modulation of DNA damage response and induction of apoptosis mediates synergism between doxorubicin and a new imidazopyridine derivative in breast and lung cancer cells. DNA Repair, 2016, 37, 1-11.	2.8	46
10	DYRK1A: a down syndrome-related dual protein kinase with a versatile role in tumorigenesis. Cellular and Molecular Life Sciences, 2021, 78, 603-619.	5.4	42
11	Post-Ugi Cascade Transformations for Accessing Diverse Chromenopyrrole Collections. Organic Letters, 2018, 20, 836-839.	4.6	34
12	Interaction of celecoxib with different anti-cancer drugs is antagonistic in breast but not in other cancer cells. Toxicology and Applied Pharmacology, 2011, 255, 271-286.	2.8	32
13	Inhibition of SHP2 by new compounds induces differential effects on RAS/RAF/ERK and PI3K/AKT pathways in different cancer cell types. Investigational New Drugs, 2019, 37, 252-261.	2.6	27
14	Targeting DNA double-strand break repair: is it the right way for sensitizing cells to 5-fluorouracil?. Anti-Cancer Drugs, 2010, 21, 277-287.	1.4	23
15	Interplay between Epigenetics, Expression of Estrogen Receptor-Î±, HER2/ERBB2 and Sensitivity of Triple Negative Breast Cancer Cells to Hormonal Therapy. Cancers, 2019, 11, 13.	3.7	22
16	Design and synthesis of novel 5-aminosalicylate (5-ASA)â€“4-thiazolinone hybrid derivatives with promising antiproliferative activity. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1647-1650.	2.2	20
17	Ginger: From serving table to salient therapy. Food Bioscience, 2021, 41, 100934.	4.4	18
18	The impact of CBP expression in estrogen receptor-positive breast cancer. Clinical Epigenetics, 2021, 13, 72.	4.1	17

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19	Tandem Multicomponent Reactions Toward the Design and Synthesis of Novel Antibacterial and Cytotoxic Motifs. Current Medicinal Chemistry, 2013, 20, 1445-1459.	2.4	17
20	A new series of aryl sulfamate derivatives: Design, synthesis, and biological evaluation. Bioorganic and Medicinal Chemistry, 2020, 28, 115406.	3.0	16
21	Conjugation of 4-aminosalicylate with thiazolinones afforded non-cytotoxic potent in vitro and in vivo anti-inflammatory hybrids. Bioorganic Chemistry, 2020, 94, 103378.	4.1	14
22	DNA-dependent protein kinase: Epigenetic alterations and the role in genomic stability of cancer. Mutation Research - Reviews in Mutation Research, 2019, 780, 92-105.	5.5	11
23	Induction of DNA damage, apoptosis and cell cycle perturbation mediate cytotoxic activity of new 5-aminosalicylateâ€“4-thiazolinone hybrid derivatives. Biomedicine and Pharmacotherapy, 2020, 131, 110571.	5.6	11
24	Natural compound catechol induces <scp>DNA</scp> damage, apoptosis, and <scp>G1</scp> cell cycle arrest in breast cancer cells. Phytotherapy Research, 2021, 35, 2185-2199.	5.8	11
25	Untargeted Metabolomics of Breast Cancer Cells MCF-7 and SkBr3 Treated With Tamoxifen/Trastuzumab. Cancer Genomics and Proteomics, 2022, 19, 79-93.	2.0	11
26	Design, synthesis, and computational validation of novel compounds selectively targeting HER2-expressing breast cancer. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127658.	2.2	8
27	Design and synthesis of new quinoline derivatives as selective C-RAF kinase inhibitors with potent anticancer activity. European Journal of Medicinal Chemistry, 2022, 238, 114434.	5.5	7
28	In-silico screening for DNA-dependent protein kinase (DNA-PK) inhibitors: Combined homology modeling, docking, molecular dynamic study followed by biological investigation. Biomedicine and Pharmacotherapy, 2016, 83, 693-703.	5.6	6
29	A Bioinformatics Evaluation of the Role of Dual-Specificity Tyrosine-Regulated Kinases in Colorectal Cancer. Cancers, 2022, 14, 2034.	3.7	6
30	New cell cycle checkpoint pathways regulators with 2-Oxo-indoline scaffold as potential anticancer agents: Design, synthesis, biological activities and in silico studies. Bioorganic Chemistry, 2022, 120, 105622.	4.1	5
31	Ultrasound-Mediated Cancer Therapeutics Delivery using Micelles and Liposomes: A Review. Recent Patents on Anti-Cancer Drug Discovery, 2021, 16, 498-520.	1.6	4
32	Discovery of novel class of histone deacetylase inhibitors as potential anticancer agents. Bioorganic and Medicinal Chemistry, 2021, 42, 116251.	3.0	4
33	A Novel Benzopyrane Derivative Targeting Cancer Cell Metabolic and Survival Pathways. Cancers, 2021, 13, 2840.	3.7	3