

Raafat El-Awady

List of Publications by Year in descending order

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Version: 2024-02-01

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 | New cell cycle checkpoint pathways regulators with 2-Oxo-indoline scaffold as potential anticancer agents: Design, synthesis, biological activities and in silico studies. <i>Bioorganic Chemistry</i> , 2022, 120, 105622. | 4.1 | 5 |
| 2 | Untargeted Metabolomics of Breast Cancer Cells MCF-7 and SkBr3 Treated With Tamoxifen/Trastuzumab. <i>Cancer Genomics and Proteomics</i> , 2022, 19, 79-93. | 2.0 | 11 |
| 3 | A Bioinformatics Evaluation of the Role of Dual-Specificity Tyrosine-Regulated Kinases in Colorectal Cancer. <i>Cancers</i> , 2022, 14, 2034. | 3.7 | 6 |
| 4 | Design and synthesis of new quinoline derivatives as selective C-RAF kinase inhibitors with potent anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114434. | 5.5 | 7 |
| 5 | Natural compound catechol induces DNA damage, apoptosis, and G1 cell cycle arrest in breast cancer cells. <i>Phytotherapy Research</i> , 2021, 35, 2185-2199. | 5.8 | 11 |
| 6 | DYRK1A: a down syndrome-related dual protein kinase with a versatile role in tumorigenesis. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 603-619. | 5.4 | 42 |
| 7 | Camel whey protein hydrolysates induced G2/M cell cycle arrest in human colorectal carcinoma. <i>Scientific Reports</i> , 2021, 11, 7062. | 3.3 | 47 |
| 8 | The impact of CBP expression in estrogen receptor-positive breast cancer. <i>Clinical Epigenetics</i> , 2021, 13, 72. | 4.1 | 17 |
| 9 | Ginger: From serving table to salient therapy. <i>Food Bioscience</i> , 2021, 41, 100934. | 4.4 | 18 |
| 10 | A Novel Benzopyrane Derivative Targeting Cancer Cell Metabolic and Survival Pathways. <i>Cancers</i> , 2021, 13, 2840. | 3.7 | 3 |
| 11 | Ultrasound-Mediated Cancer Therapeutics Delivery using Micelles and Liposomes: A Review. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2021, 16, 498-520. | 1.6 | 4 |
| 12 | Discovery of novel class of histone deacetylase inhibitors as potential anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 42, 116251. | 3.0 | 4 |
| 13 | Recent advances in management of COVID-19: A review. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112107. | 5.6 | 55 |
| 14 | Conjugation of 4-aminosalicylate with thiazolinones afforded non-cytotoxic potent in vitro and in vivo anti-inflammatory hybrids. <i>Bioorganic Chemistry</i> , 2020, 94, 103378. | 4.1 | 14 |
| 15 | Design, synthesis, and computational validation of novel compounds selectively targeting HER2-expressing breast cancer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127658. | 2.2 | 8 |
| 16 | Induction of DNA damage, apoptosis and cell cycle perturbation mediate cytotoxic activity of new 5-aminosalicylate-4-thiazolinone hybrid derivatives. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110571. | 5.6 | 11 |
| 17 | A new series of aryl sulfamate derivatives: Design, synthesis, and biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115406. | 3.0 | 16 |
| 18 | DNA-dependent protein kinase: Epigenetic alterations and the role in genomic stability of cancer. <i>Mutation Research - Reviews in Mutation Research</i> , 2019, 780, 92-105. | 5.5 | 11 |

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|----|--|-----|-----------|
| 19 | Inhibition of SHP2 by new compounds induces differential effects on RAS/RAF/ERK and PI3K/AKT pathways in different cancer cell types. <i>Investigational New Drugs</i> , 2019, 37, 252-261. | 2.6 | 27 |
| 20 | Interplay between Epigenetics, Expression of Estrogen Receptor- β , HER2/ERBB2 and Sensitivity of Triple Negative Breast Cancer Cells to Hormonal Therapy. <i>Cancers</i> , 2019, 11, 13. | 3.7 | 22 |
| 21 | Molecular characterization of the grape seeds extract's effect against chemically induced liver cancer: In vivo and in vitro analyses. <i>Scientific Reports</i> , 2018, 8, 1270. | 3.3 | 68 |
| 22 | Post-Ugi Cascade Transformations for Accessing Diverse Chromenopyrrole Collections. <i>Organic Letters</i> , 2018, 20, 836-839. | 4.6 | 34 |
| 23 | Inhibition of exosome release by ketotifen enhances sensitivity of cancer cells to doxorubicin. <i>Cancer Biology and Therapy</i> , 2018, 19, 25-33. | 3.4 | 61 |
| 24 | Safranal induces DNA double-strand breakage and ER-stress-mediated cell death in hepatocellular carcinoma cells. <i>Scientific Reports</i> , 2018, 8, 16951. | 3.3 | 82 |
| 25 | Antioxidant and anticancer activities of <i>Trigonella foenum-graecum</i> , <i>Cassia acutifolia</i> and <i>Rhazya stricta</i> . <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 240. | 3.7 | 77 |
| 26 | In-silico screening for DNA-dependent protein kinase (DNA-PK) inhibitors: Combined homology modeling, docking, molecular dynamic study followed by biological investigation. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 693-703. | 5.6 | 6 |
| 27 | Design and synthesis of novel 5-aminosalicylate (5-ASA)-4-thiazolinone hybrid derivatives with promising antiproliferative activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1647-1650. | 2.2 | 20 |
| 28 | Modulation of DNA damage response and induction of apoptosis mediates synergism between doxorubicin and a new imidazopyridine derivative in breast and lung cancer cells. <i>DNA Repair</i> , 2016, 37, 1-11. | 2.8 | 46 |
| 29 | The Role of Eukaryotic and Prokaryotic ABC Transporter Family in Failure of Chemotherapy. <i>Frontiers in Pharmacology</i> , 2016, 7, 535. | 3.5 | 108 |
| 30 | Epigenetics and miRNA as predictive markers and targets for lung cancer chemotherapy. <i>Cancer Biology and Therapy</i> , 2015, 16, 1056-1070. | 3.4 | 47 |
| 31 | Tandem Multicomponent Reactions Toward the Design and Synthesis of Novel Antibacterial and Cytotoxic Motifs. <i>Current Medicinal Chemistry</i> , 2013, 20, 1445-1459. | 2.4 | 17 |
| 32 | Interaction of celecoxib with different anti-cancer drugs is antagonistic in breast but not in other cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 271-286. | 2.8 | 32 |
| 33 | Targeting DNA double-strand break repair: is it the right way for sensitizing cells to 5-fluorouracil?. <i>Anti-Cancer Drugs</i> , 2010, 21, 277-287. | 1.4 | 23 |