# Elena Mariotto

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 30 papers | 499 citations | 623734 14 h-index | 713466 21 g-index |
| 31 all docs | 31 docs citations | 31 times ranked | 887 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Cinnamic acid derivatives linked to arylpiperazines as novel potent inhibitors of tyrosinase activity and melanin synthesis. European Journal of Medicinal Chemistry, 2022, 231, 114147. | 5.5 | 18 |
| 2 | Biological Evaluation of New Thienopyridinium and Thienopyrimidinium Derivatives as Human Choline Kinase Inhibitors. Pharmaceutics, 2022, 14, 715. | 4.5 | 2 |
| 3 | Histone Deacetylase Inhibitors Impair Glioblastoma Cell Motility and Proliferation. Cancers, 2022, 14, 1897. | 3.7 | 11 |
| 4 | Synthesis and Biological Evaluation of Highly Active 7-Anilino Triazolopyrimidines as Potent Antimicrotubule Agents. Pharmaceutics, 2022, 14, 1191. | 4.5 | 7 |
| 5 | A facile synthesis of diaryl pyrroles led to the discovery of potent colchicine site antimitotic agents. European Journal of Medicinal Chemistry, 2021, 214, 113229. | 5.5 | 13 |
| 6 | Developing novel classes of protein kinase CK1Î´ inhibitors by fusing [1,2,4]triazole with different bicyclic heteroaromatic systems. European Journal of Medicinal Chemistry, 2021, 216, 113331. | 5.5 | 9 |
| 7 | Anticancer and Structure Activity Relationship of Non-Symmetrical Choline Kinase Inhibitors. Pharmaceutics, 2021, 13, 1360. | 4.5 | 3 |
| 8 | BAG1 downâ€regulation increases chemoâ€sensitivity of acute lymphoblastic leukaemia cells. Journal of Cellular and Molecular Medicine, 2021, 25, 9060-9065. | 3.6 | 3 |
| 9 | Synthesis, biological evaluation, in silico modeling and crystallization of novel small monocationic molecules with potent antiproliferative activity by dual mechanism. European Journal of Medicinal Chemistry, 2020, 207, 112797. | 5.5 | 4 |
| 10 | Autophagic flux inhibition enhances cytotoxicity of the receptor tyrosine kinase inhibitor ponatinib. Journal of Experimental and Clinical Cancer Research, 2020, 39, 195. | 8.6 | 12 |
| 11 | Design, synthesis, inÂvitro and inÂvivo biological evaluation of 2-amino-3-aroylbenzo[b]furan derivatives as highly potent tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2020, 200, 112448. | 5.5 | 25 |
| 12 | A BAG's life: Every connection matters in cancer. , 2020, 209, 107498. | | 26 |
| 13 | Design, synthesis and biological evaluation of novel vicinal diaryl-substituted 1H-Pyrazole analogues of combretastatin A-4 as highly potent tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2019, 181, 111577. | 5.5 | 22 |
| 14 | Design, Synthesis, and Biological Evaluation of 6-Substituted Thieno[3,2-d]pyrimidine Analogues as Dual Epidermal Growth Factor Receptor Kinase and Microtubule Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 1274-1290. | 6.4 | 33 |
| 15 | Potent In Vitro and In Vivo Anticancer Activity of New Bipyridine and Bipyrimidine Gold (III) Dithiocarbamate Derivatives. Cancers, 2019, 11, 474. | 3.7 | 41 |
| 16 | SYK Targeting Represents a Potential Therapeutic Option for Relapsed Resistant Pediatric ETV6-RUNX1 B-Acute Lymphoblastic Leukemia Patients. International Journal of Molecular Sciences, 2019, 20, 6175. | 4.1 | 10 |
| 17 | Abstract A058: Dielectric characterization of glioblastoma cancer stem cells. , 2019, , . | | 0 |
| 18 | Abstract A066: Role of the NRF2 signaling pathway in sustaining chemoresistance in medulloblastoma. , 2019, , . | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | TP-0903 inhibits neuroblastoma cell growth and enhances the sensitivity to conventional chemotherapy. European Journal of Pharmacology, 2018, 818, 435-448. | 3.5 | 29 |
| 20 | AKR1C enzymes sustain therapy resistance in paediatric T-ALL. British Journal of Cancer, 2018, 118, 985-994. | 6.4 | 31 |
| 21 | Choline Kinase Alpha Inhibition by EB-3D Triggers Cellular Senescence, Reduces Tumor Growth and Metastatic Dissemination in Breast Cancer. Cancers, 2018, 10, 391. | 3.7 | 23 |
| 22 | Lead optimization-hit expansion of new asymmetrical pyridinium/quinolinium compounds as choline kinase Î±1 inhibitors. Future Medicinal Chemistry, 2018, 10, 1769-1786. | 2.3 | 4 |
| 23 | EB-3D a novel choline kinase inhibitor induces deregulation of the AMPK-mTOR pathway and apoptosis in leukemia T-cells. Biochemical Pharmacology, 2018, 155, 213-223. | 4.4 | 19 |
| 24 | Synthesis and Biological Evaluation of 2-Methyl-4,5-Disubstituted Oxazoles as a Novel Class of Highly Potent Antitubulin Agents. Scientific Reports, 2017, 7, 46356. | 3.3 | 17 |
| 25 | HLA Class II Antibody Activation of Endothelial Cells Promotes Th17 and Disrupts Regulatory T Lymphocyte Expansion. American Journal of Transplantation, 2016, 16, 1408-1420. | 4.7 | 72 |
| 26 | Design, synthesis, crystallization and biological evaluation of new symmetrical biscationic compounds as selective inhibitors of human Choline Kinase Î±1 (ChoKÎ±1). Scientific Reports, 2016, 6, 23793. | 3.3 | 21 |
| 27 | Design and Synthesis of Potent in Vitro and in Vivo Anticancer Agents Based on 1-(3â€²,4â€²,5â€²-Trimethoxyphenyl)-2-Aryl-1H-Imidazole. Scientific Reports, 2016, 6, 26602. | 3.3 | 29 |
| 28 | Abstract 1297: CDK4/CDK6 inhibition in childhood B-acute lymphoblastic leukemia: a new strategy to mediate glucocorticoid sensitivity. , 2016, , . | | 1 |
| 29 | Abstract 1233:In vitroandin vivopharmacological study of EB-3D: a novel choline kinase inhibitor for breast cancer treatment. , 2016, , . | | 0 |
| 30 | New more polar symmetrical bipyridinic compounds: new strategy for the inhibition of choline kinase Î±1. Future Medicinal Chemistry, 2015, 7, 417-436. | 2.3 | 14 |