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	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
2	Potent In Vitro and In Vivo Anticancer Activity of New Bipyridine and Bipyrimidine Gold (III) Dithiocarbamate Derivatives. Cancers, 2019, 11, 474.	3.7	41
3	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
4	AKR1C enzymes sustain therapy resistance in paediatric T-ALL. British Journal of Cancer, 2018, 118, 985-994.	6.4	31
5	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
6	TP-0903 inhibits neuroblastoma cell growth and enhances the sensitivity to conventional chemotherapy. European Journal of Pharmacology, 2018, 818, 435-448.	3.5	29
7	A BAG's life: Every connection matters in cancer. , 2020, 209, 107498.		26
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Histone Deacetylase Inhibitors Impair Glioblastoma Cell Motility and Proliferation. Cancers, 2022, 14, 1897.	3.7	11

#	Article	IF	Citations
19	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
20	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
21	Synthesis and Biological Evaluation of Highly Active 7-Anilino Triazolopyrimidines as Potent Antimicrotubule Agents. Pharmaceutics, 2022, 14, 1191.	4.5	7
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	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
24	Anticancer and Structure Activity Relationship of Non-Symmetrical Choline Kinase Inhibitors. Pharmaceutics, 2021, 13, 1360.	4.5	3
25	BAG1 downâ€regulation increases chemoâ€sensitivity of acute lymphoblastic leukaemia cells. Journal of Cellular and Molecular Medicine, 2021, 25, 9060-9065.	3.6	3
26	Biological Evaluation of New Thienopyridinium and Thienopyrimidinium Derivatives as Human Choline Kinase Inhibitors. Pharmaceutics, 2022, 14, 715.	4.5	2
27	Abstract 1297: CDK4/CDK6 inhibition in childhood B-acute lymphoblastic leukemia: a new strategy to mediate glucocorticoid sensitivity. , 2016, , .		1
28	Abstract 1233:In vitroandin vivopharmacological study of EB-3D: a novel choline kinase inhibitor for breast cancer treatment. , 2016, , .		0
29	Abstract A058: Dielectric characterization of glioblastoma cancer stem cells. , 2019, , .		0
30	Abstract A066: Role of the NRF2 signaling pathway in sustaining chemoresistance in medulloblastoma. , 2019, , .		0