Rosaria Luciani

List of Publications by Year
in descending order

28	839	471509 17	501196 28
papers	citations	h-index	g-index

28	28	28	1462
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Discovery of highly potent acid ceramidase inhibitors with in vitro tumor chemosensitizing activity. Scientific Reports, 2013, 3, 1035.	3.3	133
2	2-Carboxyquinoxalines Kill Mycobacterium tuberculosis through Noncovalent Inhibition of DprE1. ACS Chemical Biology, 2015, 10, 705-714.	3.4	116
3	Proteinâ€"protein interface-binding peptides inhibit the cancer therapy target human thymidylate synthase. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E542-9.	7.1	77
4	Virtual Screening Identification of Nonfolate Compounds, Including a CNS Drug, as Antiparasitic Agents Inhibiting Pteridine Reductase. Journal of Medicinal Chemistry, 2011, 54, 211-221.	6.4	68
5	Structure-Based Selectivity Optimization of Piperidineâ€"Pteridine Derivatives as Potent Leishmania Pteridine Reductase Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 8318-8329.	6.4	42
6	Profiling of Flavonol Derivatives for the Development of Antitrypanosomatidic Drugs. Journal of Medicinal Chemistry, 2016, 59, 7598-7616.	6.4	41
7	Microbiota of sliced cooked ham packaged in modified atmosphere throughout the shelf life. International Journal of Food Microbiology, 2019, 289, 200-208.	4.7	35
8	Collateral sensitivity to novel thymidylate synthase inhibitors correlates with folate cycle enzymes impairment in cisplatin-resistant human ovarian cancer cells. European Journal of Pharmacology, 2009, 615, 17-26.	3.5	29
9	The structure ofEnterococcus faecalisthymidylate synthase provides clues about folate bacterial metabolism. Acta Crystallographica Section D: Biological Crystallography, 2012, 68, 1232-1241.	2.5	28
10	Aryl thiosemicarbazones for the treatment of trypanosomatidic infections. European Journal of Medicinal Chemistry, 2018, 146, 423-434.	5.5	27
11	Exploiting the 2-Amino-1,3,4-thiadiazole Scaffold To Inhibit Trypanosoma brucei Pteridine Reductase in Support of Early-Stage Drug Discovery. ACS Omega, 2017, 2, 5666-5683.	3.5	24
12	Optimization of Peptides That Target Human Thymidylate Synthase to Inhibit Ovarian Cancer Cell Growth. Journal of Medicinal Chemistry, 2014, 57, 1355-1367.	6.4	22
13	Comparing Drug Images and Repurposing Drugs with BioGPS and FLAPdock: The Thymidylate Synthase Case. ChemMedChem, 2016, 11, 1653-1666.	3.2	21
14	Enhancement of Benzothiazoles as Pteridine Reductase-1 Inhibitors for the Treatment of Trypanosomatidic Infections. Journal of Medicinal Chemistry, 2019, 62, 3989-4012.	6.4	21
15	Ligand-based virtual screening and ADME-tox guided approach to identify triazolo-quinoxalines as folate cycle inhibitors. Bioorganic and Medicinal Chemistry, 2010, 18, 7773-7785.	3.0	20
16	Inhibitor of Ovarian Cancer Cells Growth by Virtual Screening: A New Thiazole Derivative Targeting Human Thymidylate Synthase. Journal of Medicinal Chemistry, 2012, 55, 10272-10276.	6.4	20
17	Virtual Screening and X-ray Crystallography Identify Non-Substrate Analog Inhibitors of Flavin-Dependent Thymidylate Synthase. Journal of Medicinal Chemistry, 2016, 59, 9269-9275.	6.4	19
18	X-ray crystal structures of Enterococcus faecalis thymidylate synthase with folate binding site inhibitors. European Journal of Medicinal Chemistry, 2016, 123, 649-664.	5.5	17

#	Article	IF	Citations
19	Structural Comparison of Enterococcus faecalis and Human Thymidylate Synthase Complexes with the Substrate dUMP and Its Analogue FdUMP Provides Hints about Enzyme Conformational Variabilities. Molecules, 2019, 24, 1257.	3.8	17
20	Identification of the Binding Modes ofN-Phenylphthalimides Inhibiting Bacterial Thymidylate Synthase through X-Ray Crystallography Screening. Journal of Medicinal Chemistry, 2011, 54, 5454-5467.	6.4	13
21	Intracellular quantitative detection of human thymidylate synthase engagement with an unconventional inhibitor using tetracysteine-diarsenical-probe technology. Scientific Reports, 2016, 6, 27198.	3.3	10
22	2-[N-Alkyl(R-phenyl)-aminomethyl]-3-phenyl-7-trifluoromethylquinoxalines as anticancer agents inhibitors of folate enzymes. European Journal of Medicinal Chemistry, 2014, 75, 169-183.	5.5	9
23	2â€²-Deoxyuridine 5â€²-Monophosphate Substrate Displacement in Thymidylate Synthase through 6-Hydroxy-2H-naphtho[1,8-bc]furan-2-one Derivatives. Journal of Medicinal Chemistry, 2013, 56, 9356-9360.	6.4	8
24	Multitarget, Selective Compound Design Yields Potent Inhibitors of a Kinetoplastid Pteridine Reductase 1. Journal of Medicinal Chemistry, 2022, 65, 9011-9033.	6.4	8
25	Conformational Propensity and Biological Studies of Proline Mutated LR Peptides Inhibiting Human Thymidylate Synthase and Ovarian Cancer Cell Growth. Journal of Medicinal Chemistry, 2018, 61, 7374-7380.	6.4	6
26	Cyclic Peptides Acting as Allosteric Inhibitors of Human Thymidylate Synthase and Cancer Cell Growth. Molecules, 2019, 24, 3493.	3.8	4
27	Structural and Functional Characterization of the Human Thymidylate Synthase (hTS) Interface Variant R175C, New Perspectives for the Development of hTS Inhibitors. Molecules, 2019, 24, 1362.	3.8	2
28	Repurposing the Trypanosomatidic GSK Kinetobox for the Inhibition of Parasitic Pteridine and Dihydrofolate Reductases. Pharmaceuticals, 2021, 14, 1246.	3.8	2