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	Multitarget, Selective Compound Design Yields Potent Inhibitors of a Kinetoplastid Pteridine Reductase 1. Journal of Medicinal Chemistry, 2022, 65, 9011-9033.	6.4	8
2	Repurposing the Trypanosomatidic GSK Kinetobox for the Inhibition of Parasitic Pteridine and Dihydrofolate Reductases. Pharmaceuticals, 2021, 14, 1246.	3.8	2
3	Cyclic Peptides Acting as Allosteric Inhibitors of Human Thymidylate Synthase and Cancer Cell Growth. Molecules, 2019, 24, 3493.	3.8	4
4	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
5	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
6	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
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	Aryl thiosemicarbazones for the treatment of trypanosomatidic infections. European Journal of Medicinal Chemistry, 2018, 146, 423-434.	5.5	27
9	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
10	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
11	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
12	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
13	Comparing Drug Images and Repurposing Drugs with BioGPS and FLAPdock: The Thymidylate Synthase Case. ChemMedChem, 2016, 11, 1653-1666.	3.2	21
14	Profiling of Flavonol Derivatives for the Development of Antitrypanosomatidic Drugs. Journal of Medicinal Chemistry, 2016, 59, 7598-7616.	6.4	41
15	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
16	2-Carboxyquinoxalines Kill Mycobacterium tuberculosis through Noncovalent Inhibition of DprE1. ACS Chemical Biology, 2015, 10, 705-714.	3.4	116
17	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
18	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

#	Article	IF	Citations
19	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
20	Discovery of highly potent acid ceramidase inhibitors with in vitro tumor chemosensitizing activity. Scientific Reports, 2013, 3, 1035.	3.3	133
21	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
22	The structure ofEnterococcus faecalisthymidylate synthase provides clues about folate bacterial metabolism. Acta Crystallographica Section D: Biological Crystallography, 2012, 68, 1232-1241.	2.5	28
23	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
24	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
25	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
26	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
27	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
28	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