

Alessio Ottaviani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4691921/publications.pdf>

Version: 2024-02-01

23
papers

417
citations

759233

12
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	Cow Milk Extracellular Vesicle Effects on an In Vitro Model of Intestinal Inflammation. <i>Biomedicines</i> , 2022, 10, 570.	3.2	19
2	From Antarctica to cancer research: a novel human DNA topoisomerase 1B inhibitor from Antarctic sponge <i>Dendrilla antarctica</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1404-1410.	5.2	5
3	Natural Compounds as Therapeutic Agents: The Case of Human Topoisomerase 1B. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4138.	4.1	14
4	In Vitro and In Silico Characterization of an Antimalarial Compound with Antitumor Activity Targeting Human DNA Topoisomerase 1B. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7455.	4.1	5
5	CD161 α 158 α valine chimeric receptor T cells overcome the resistance of KRAS α mutated colorectal carcinoma cells to cetuximab. <i>International Journal of Cancer</i> , 2020, 146, 2531-2538.	5.1	15
6	In vitro elimination of epidermal growth factor receptor α overexpressing cancer cells by CD32 α chimeric receptor T cells in combination with cetuximab or panitumumab. <i>International Journal of Cancer</i> , 2020, 146, 236-247.	5.1	30
7	Topoisomerase 1B: a relaxing enzyme for stressed DNA. , 2020, 3, 18-25.		7
8	Swapping of The N-Terminal Domain of Human Topoisomerase 1B with the Corresponding Counterpart Strongly Impairs Enzyme Activity. <i>Reports of Biochemistry and Molecular Biology</i> , 2020, 8, 366-375.	1.4	0
9	Recent perspective on CAR and Fc γ 3-CR T cell immunotherapy for cancers: Preclinical evidence versus clinical outcomes. <i>Biochemical Pharmacology</i> , 2019, 166, 335-346.	4.4	20
10	The human DNA topoisomerase I mutant Gly717Asp: Higher religation rate is not always associated with camptothecin resistance. <i>Archives of Biochemistry and Biophysics</i> , 2019, 663, 165-172.	3.0	1
11	Real-time analysis of cleavage and religation activity of human topoisomerase 1 based on ternary fluorescence resonance energy transfer DNA substrate. <i>Archives of Biochemistry and Biophysics</i> , 2018, 643, 1-6.	3.0	3
12	Selective targeting and degradation of doxorubicin-loaded folate-functionalized DNA nanocages. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1181-1190.	3.3	59
13	Engineering a responsive DNA triple helix into an octahedral DNA nanostructure for a reversible opening/closing switching mechanism: a computational and experimental integrated study. <i>Nucleic Acids Research</i> , 2018, 46, 9951-9959.	14.5	14
14	Entry, fate and degradation of DNA nanocages in mammalian cells: a matter of receptors. <i>Nanoscale</i> , 2018, 10, 12078-12086.	5.6	30
15	Simulative and Experimental Characterization of a pH-Dependent Clamp-like DNA Triple-Helix Nanoswitch. <i>Journal of the American Chemical Society</i> , 2017, 139, 5321-5329.	13.7	22
16	Receptor-Mediated Entry of Pristine Octahedral DNA Nanocages in Mammalian Cells. <i>ACS Nano</i> , 2016, 10, 5971-5979.	14.6	76
17	DNA hairpins promote temperature controlled cargo encapsulation in a truncated octahedral nanocage structure family. <i>Nanoscale</i> , 2016, 8, 13333-13341.	5.6	28
18	Mutation of Gly717Phe in human topoisomerase 1B has an effect on enzymatic function, reactivity to the camptothecin anticancer drug and on the linker domain orientation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 860-868.	2.3	11

#	ARTICLE	IF	CITATIONS
19	Rolling circle amplification-based detection of human topoisomerase I activity on magnetic beads. <i>Analytical Biochemistry</i> , 2014, 451, 42-44.	2.4	6
20	Quantum dot based DNA nanosensors for amplification-free detection of human topoisomerase I. <i>RSC Advances</i> , 2014, 4, 2491-2494.	3.6	10
21	Extraction of active enzymes from “hard-to-break-cells”; Evaluation by a RCA-based assay. , 2014, , .		0
22	Molecular mechanism of the camptothecin resistance of Glu710Gly topoisomerase IB mutant analyzed in vitro and in silico. <i>Molecular Cancer</i> , 2013, 12, 100.	19.2	29
23	Replacement of the Human Topoisomerase Linker Domain with the Plasmodial Counterpart Renders the Enzyme Camptothecin Resistant. <i>PLoS ONE</i> , 2013, 8, e68404.	2.5	13