

Pasquale Zizza

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,123
citations

331259

21
h-index

395343

33
g-index

41
all docs

41
docs citations

41
times ranked

1746
citing authors

#	ARTICLE	IF	CITATIONS
1	TRF2 inhibits a cell-extrinsic pathway through which natural killer cells eliminate cancer cells. <i>Nature Cell Biology</i> , 2013, 15, 818-828.	4.6	99
2	Group IV Phospholipase A ₂ Controls the Formation of Inter-Cisternal Continuities Involved in Intra-Golgi Transport. <i>PLoS Biology</i> , 2009, 7, e1000194.	2.6	81
3	Pharmacological activation of SIRT6 triggers lethal autophagy in human cancer cells. <i>Cell Death and Disease</i> , 2018, 9, 996.	2.7	75
4	Cancer cells induce immune escape via glycoalyx changes controlled by the telomeric protein TRF2. <i>EMBO Journal</i> , 2019, 38, .	3.5	49
5	Exploring the Chemical Space of G-Quadruplex Binders: Discovery of a Novel Chemotype Targeting the Human Telomeric Sequence. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9646-9654.	2.9	48
6	Looking for Efficient G-Quadruplex Ligands: Evidence for Selective Stabilizing Properties and Telomere Damage by Drug-Like Molecules. <i>ChemMedChem</i> , 2015, 10, 640-649.	1.6	46
7	Evidence for G-quadruplex in the promoter of vegfr-2 and its targeting to inhibit tumor angiogenesis. <i>Nucleic Acids Research</i> , 2014, 42, 2945-2957.	6.5	45
8	SIRT6 interacts with TRF2 and promotes its degradation in response to DNA damage. <i>Nucleic Acids Research</i> , 2017, 45, 1820-1834.	6.5	43
9	Intragenic G-quadruplex structure formed in the human CD133 and its biological and translational relevance. <i>Nucleic Acids Research</i> , 2016, 44, 1579-1590.	6.5	40
10	The Developmentally Regulated Osteoblast Phosphodiesterase GDE3 Is Glycerophosphoinositol-specific and Modulates Cell Growth. <i>Journal of Biological Chemistry</i> , 2009, 284, 24848-24856.	1.6	38
11	Insights into telomeric G-quadruplex DNA recognition by HMGB1 protein. <i>Nucleic Acids Research</i> , 2019, 47, 9950-9966.	6.5	38
12	Tandem application of ligand-based virtual screening and G4-OAS assay to identify novel G-quadruplex-targeting chemotypes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1341-1352.	1.1	35
13	TRF2 positively regulates SULF2 expression increasing VEGF-A release and activity in tumor microenvironment. <i>Nucleic Acids Research</i> , 2019, 47, 3365-3382.	6.5	34
14	The glycerophosphoinositols: cellular metabolism and biological functions. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3449-3467.	2.4	32
15	Identification of novel RHPS4-derivative ligands with improved toxicological profiles and telomere-targeting activities. <i>Journal of Experimental and Clinical Cancer Research</i> , 2014, 33, 81.	3.5	32
16	Identification of novel interactors of human telomeric G-quadruplex DNA. <i>Chemical Communications</i> , 2015, 51, 2964-2967.	2.2	31
17	Bis-indole derivatives with antitumor activity turn out to be specific ligands of human telomeric G-quadruplex. <i>Frontiers in Chemistry</i> , 2014, 2, 54.	1.8	24
18	Lead Discovery of Dual G-Quadruplex Stabilizers and Poly(ADP-ribose) Polymerases (PARPs) Inhibitors: A New Avenue in Anticancer Treatment. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 3626-3635.	2.9	24

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19	Tailoring a lead-like compound targeting multiple G-quadruplex structures. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 295-306.	2.6	24
20	Shading the TRF2 Recruiting Function: A New Horizon in Drug Development. <i>Journal of the American Chemical Society</i> , 2014, 136, 16708-16711.	6.6	23
21	On and off-target effects of telomere uncapping G-quadruplex selective ligands based on pentacyclic acridinium salts. <i>Journal of Experimental and Clinical Cancer Research</i> , 2013, 32, 68.	3.5	22
22	G α 13 mediates activation of the cytosolic phospholipase A2 β through fine regulation of ERK phosphorylation. <i>Cellular Signalling</i> , 2006, 18, 2200-2208.	1.7	21
23	Phospholipase A2 β Regulates Phagocytosis Independent of Its Enzymatic Activity. <i>Journal of Biological Chemistry</i> , 2012, 287, 16849-16859.	1.6	21
24	Development of an Optimized Protocol for NMR Metabolomics Studies of Human Colon Cancer Cell Lines and First Insight from Testing of the Protocol Using DNA G-Quadruplex Ligands as Novel Anti-Cancer Drugs. <i>Metabolites</i> , 2016, 6, 4.	1.3	21
25	Trifunctionalized Naphthalene Diimides and Dimeric Analogues as G-Quadruplex-Targeting Anticancer Agents Selected by Affinity Chromatography. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1964.	1.8	20
26	The glycerophosphoinositols and their cellular functions. <i>Biochemical Society Transactions</i> , 2012, 40, 101-107.	1.6	19
27	EMICORON: A multi-targeting G4 ligand with a promising preclinical profile. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1362-1370.	1.1	17
28	A basal level of DNA damage and telomere deprotection increases the sensitivity of cancer cells to G-quadruplex interactive compounds. <i>Nucleic Acids Research</i> , 2015, 43, 1759-1769.	6.5	15
29	Targeting the KRAS oncogene: Synthesis, physicochemical and biological evaluation of novel G-Quadruplex DNA binders. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 149, 105337.	1.9	15
30	Design and synthesis of a new dimeric xanthone derivative: enhancement of G-quadruplex selectivity and telomere damage. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9572-9582.	1.5	14
31	The natural phosphoinositide derivative glycerophosphoinositol inhibits the lipopolysaccharide-induced inflammatory and thrombotic responses. <i>Journal of Biological Chemistry</i> , 2017, 292, 12828-12841.	1.6	14
32	TRF2 and VEGF-A: an unknown relationship with prognostic impact on survival of colorectal cancer patients. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 111.	3.5	14
33	Glycerophosphoinositol-4-phosphate enhances SDF-1 α -stimulated T-cell chemotaxis through PTK-dependent activation of Vav. <i>Cellular Signalling</i> , 2007, 19, 2351-2360.	1.7	12
34	Identification of Effective Anticancer G-Quadruplex-Targeting Chemotypes through the Exploration of a High Diversity Library of Natural Compounds. <i>Pharmaceutics</i> , 2021, 13, 1611.	2.0	12
35	TRF2 cooperates with CTCF for controlling the oncomiR-193b-3p in colorectal cancer. <i>Cancer Letters</i> , 2022, 533, 215607.	3.2	9
36	A novel pathway links telomeres to NK-cell activity. <i>Oncolmmunology</i> , 2014, 3, e27358.	2.1	8

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37	Synthesis and Characterization of Bis-Triazolyl-Pyridine Derivatives as Noncanonical DNA-Interacting Compounds. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11959.	1.8	5
38	Harnessing Omics Approaches on Advanced Preclinical Models to Discovery Novel Therapeutic Targets for the Treatment of Metastatic Colorectal Cancer. <i>Cancers</i> , 2020, 12, 1830.	1.7	2
39	Evidence for G-quadruplex in the promoter of VEGFR-2 and its targeting to inhibit tumor angiogenesis. <i>Nucleic Acids Research</i> , 2014, 42, 14083-14083.	6.5	0