

Domenico D Arca

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

1,264
citations

16
h-index

35
g-index

36
ext. papers

1,526
ext. citations

6.8
avg, IF

4.16
L-index

#	Paper	IF	Citations
32	Folic Acid-Peptide Conjugates Combine Selective Cancer Cell Internalization with Thymidylate Synthase Dimer Interface Targeting. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 3204-3221	8.3	4
31	A Peptidic Thymidylate-Synthase Inhibitor Loaded on Pegylated Liposomes Enhances the Antitumour Effect of Chemotherapy Drugs in Human Ovarian Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
30	Trichoplein binds PCM1 and controls endothelial cell function by regulating autophagy. <i>EMBO Reports</i> , 2020 , 21, e48192	6.5	6
29	Depletion of Trichoplein (TpMs) Causes Chromosome Mis-Segregation, DNA Damage and Chromosome Instability in Cancer Cells. <i>Cancers</i> , 2020 , 12,	6.6	2
28	Cyclic Peptides Acting as Allosteric Inhibitors of Human Thymidylate Synthase and Cancer Cell Growth. <i>Molecules</i> , 2019 , 24,	4.8	2
27	The 1,10-Phenanthroline Ligand Enhances the Antiproliferative Activity of DNA-Intercalating Thiourea-Pd(II) and -Pt(II) Complexes Against Cisplatin-Sensitive and -Resistant Human Ovarian Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	3
26	Proteomic and Bioinformatic Studies for the Characterization of Response to Pemetrexed in Platinum Drug Resistant Ovarian Cancer. <i>Frontiers in Pharmacology</i> , 2018 , 9, 454	5.6	6
25	Conformational Propensity and Biological Studies of Proline Mutated LR Peptides Inhibiting Human Thymidylate Synthase and Ovarian Cancer Cell Growth. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 7374-7380	8.3	5
24	Repurposing of Drugs Targeting YAP-TEAD Functions. <i>Cancers</i> , 2018 , 10,	6.6	18
23	pH-Promoted Release of a Novel Anti-Tumour Peptide by "Stealth" Liposomes: Effect of Nanocarriers on the Drug Activity in Cis-Platinum Resistant Cancer Cells. <i>Pharmaceutical Research</i> , 2018 , 35, 206	4.5	8
22	Targeting Oxidatively Induced DNA Damage Response in Cancer: Opportunities for Novel Cancer Therapies. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 2389523	6.7	60
21	Conveying a newly designed hydrophilic anti-human thymidylate synthase peptide to cisplatin resistant cancer cells: are pH-sensitive liposomes more effective than conventional ones?. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 465-473	3.6	9
20	Intracellular quantitative detection of human thymidylate synthase engagement with an unconventional inhibitor using tetracysteine-diarsenical-probe technology. <i>Scientific Reports</i> , 2016 , 6, 27198	4.9	10
19	ROS, Cell Senescence, and Novel Molecular Mechanisms in Aging and Age-Related Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 3565127	6.7	395
18	Enhanced anti-hyperproliferative activity of human thymidylate synthase inhibitor peptide by solid lipid nanoparticle delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 346-54	6	14
17	Inside the biochemical pathways of thymidylate synthase perturbed by anticancer drugs: Novel strategies to overcome cancer chemoresistance. <i>Drug Resistance Updates</i> , 2015 , 23, 20-54	23.2	38
16	Optimization of peptides that target human thymidylate synthase to inhibit ovarian cancer cell growth. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 1355-67	8.3	17

15	Mass spectrometric/bioinformatic identification of a protein subset that characterizes the cellular activity of anticancer peptides. <i>Journal of Proteome Research</i> , 2014 , 13, 5250-61	5.6	11
14	Anticancer activity of green tea polyphenols in prostate gland. <i>Oxidative Medicine and Cellular Longevity</i> , 2012 , 2012, 984219	6.7	40
13	Mitostatin is down-regulated in human prostate cancer and suppresses the invasive phenotype of prostate cancer cells. <i>PLoS ONE</i> , 2011 , 6, e19771	3.7	20
12	Huwe1 ubiquitin ligase is essential to synchronize neuronal and glial differentiation in the developing cerebellum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 5875-80	11.5	66
11	Prevention of urinary bladder cancer in the FHIT knock-out mouse with Rofecoxib, a Cox-2 inhibitor. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2010 , 28, 189-94	2.8	13
10	MITOSTATIN, a putative tumor suppressor on chromosome 12q24.1, is downregulated in human bladder and breast cancer. <i>Oncogene</i> , 2009 , 28, 257-69	9.2	38
9	The N-Myc-DLL3 cascade is suppressed by the ubiquitin ligase Huwe1 to inhibit proliferation and promote neurogenesis in the developing brain. <i>Developmental Cell</i> , 2009 , 17, 210-21	10.2	122
8	Clusterin decreases oxidative stress in lung fibroblasts exposed to cigarette smoke. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 174, 393-9	10.2	35
7	Ca ²⁺ depletion induces nuclear clusterin, a novel effector of apoptosis in immortalized human prostate cells. <i>Cell Death and Differentiation</i> , 2005 , 12, 101-4	12.7	37
6	Spermidine/spermine N1-acetyltransferase transient overexpression restores sensitivity of resistant human ovarian cancer cells to N1,N12-bis(ethyl)spermine and to cisplatin. <i>Carcinogenesis</i> , 2005 , 26, 1677-86	4.6	11
5	The chemopreventive action of catechins in the TRAMP mouse model of prostate carcinogenesis is accompanied by clusterin over-expression. <i>Carcinogenesis</i> , 2004 , 25, 2217-24	4.6	106
4	Clusterin (SGP-2, ApoJ) expression is downregulated in low- and high-grade human prostate cancer. <i>International Journal of Cancer</i> , 2004 , 108, 23-30	7.5	86
3	Cell detachment and apoptosis induction of immortalized human prostate epithelial cells are associated with early accumulation of a 45 kDa nuclear isoform of clusterin. <i>Biochemical Journal</i> , 2004 , 382, 157-68	3.8	47
2	Nuclear translocation of a clusterin isoform is associated with induction of anoikis in SV40-immortalized human prostate epithelial cells. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1010, 514-9	6.5	31
1	Trichoplein controls endothelial cell function by regulating autophagy		1