Domenico D'Arca

List of Publications by Year
in descending order

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34	1,740	471061 17	395343 33
papers	citations	h-index	g-index

36	36	36	3185
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ROS, Cell Senescence, and Novel Molecular Mechanisms in Aging and Age-Related Diseases. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-18.	1.9	661
2	The N-Myc-DLL3 Cascade Is Suppressed by the Ubiquitin Ligase Huwe1 to Inhibit Proliferation and Promote Neurogenesis in the Developing Brain. Developmental Cell, 2009, 17, 210-221.	3.1	135
3	The chemopreventive action of catechins in the TRAMP mouse model of prostate carcinogenesis is accompanied by clusterin over-expression. Carcinogenesis, 2004, 25, 2217-2224.	1.3	126
4	Clusterin (SGP-2, ApoJ) expression is downregulated in low- and high-grade human prostate cancer. International Journal of Cancer, 2004, 108, 23-30.	2.3	96
5	Targeting Oxidatively Induced DNA Damage Response in Cancer: Opportunities for Novel Cancer Therapies. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-21.	1.9	85
6	Huwe1 ubiquitin ligase is essential to synchronize neuronal and glial differentiation in the developing cerebellum. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5875-5880.	3.3	71
7	Inside the biochemical pathways of thymidylate synthase perturbed by anticancer drugs: Novel strategies to overcome cancer chemoresistance. Drug Resistance Updates, 2015, 23, 20-54.	6.5	57
8	Cell detachment and apoptosis induction of immortalized human prostate epithelial cells are associated with early accumulation of a 45ÂkDa nuclear isoform of clusterin. Biochemical Journal, 2004, 382, 157-168.	1.7	53
9	Anticancer Activity of Green Tea Polyphenols in Prostate Gland. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-18.	1.9	47
10	Ca2+ depletion induces nuclear clusterin, a novel effector of apoptosis in immortalized human prostate cells. Cell Death and Differentiation, 2005, 12, 101-104.	5.0	44
11	MITOSTATIN, a putative tumor suppressor on chromosome 12q24.1, is downregulated in human bladder and breast cancer. Oncogene, 2009, 28, 257-269.	2.6	43
12	Clusterin Decreases Oxidative Stress in Lung Fibroblasts Exposed to Cigarette Smoke. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 393-399.	2.5	41
13	Nuclear Translocation of a Clusterin Isoform Is Associated with Induction of Anoikis in SV40-Immortalized Human Prostate Epithelial Cells. Annals of the New York Academy of Sciences, 2003, 1010, 514-519.	1.8	35
14	Repurposing of Drugs Targeting YAP-TEAD Functions. Cancers, 2018, 10, 329.	1.7	33
15	Optimization of Peptides That Target Human Thymidylate Synthase to Inhibit Ovarian Cancer Cell Growth. Journal of Medicinal Chemistry, 2014, 57, 1355-1367.	2.9	22
16	Mass Spectrometric/Bioinformatic Identification of a Protein Subset That Characterizes the Cellular Activity of Anticancer Peptides. Journal of Proteome Research, 2014, 13, 5250-5261.	1.8	22
17	Mitostatin Is Down-Regulated in Human Prostate Cancer and Suppresses the Invasive Phenotype of Prostate Cancer Cells. PLoS ONE, 2011, 6, e19771.	1.1	22
18	Trichoplein binds <scp>PCM</scp> 1 and controls endothelial cell function by regulating autophagy. EMBO Reports, 2020, 21, e48192.	2.0	17

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19	Enhanced anti-hyperproliferative activity of human thymidylate synthase inhibitor peptide by solid lipid nanoparticle delivery. Colloids and Surfaces B: Biointerfaces, 2015, 136, 346-354.	2.5	16
20	Spermidine/spermine N 1 -acetyltransferase transient overexpression restores sensitivity of resistant human ovarian cancer cells to N 1 ,N 12 -bis(ethyl)spermine and to cisplatin. Carcinogenesis, 2005, 26, 1677-1686.	1.3	14
21	Prevention of urinary bladder cancer in the FHIT knock-out mouse with Rofecoxib, a Cox-2 inhibitor. Urologic Oncology: Seminars and Original Investigations, 2010, 28, 189-194.	0.8	14
22	Folic Acidâ€"Peptide Conjugates Combine Selective Cancer Cell Internalization with Thymidylate Synthase Dimer Interface Targeting. Journal of Medicinal Chemistry, 2021, 64, 3204-3221.	2.9	13
23	pH-Promoted Release of a Novel Anti-Tumour Peptide by â€œStealthâ€•Liposomes: Effect of Nanocarriers on the Drug Activity in Cis-Platinum Resistant Cancer Cells. Pharmaceutical Research, 2018, 35, 206.	1.7	12
24	Intracellular quantitative detection of human thymidylate synthase engagement with an unconventional inhibitor using tetracysteine-diarsenical-probe technology. Scientific Reports, 2016, 6, 27198.	1.6	10
25	Conveying a newly designed hydrophilic anti-human thymidylate synthase peptide to cisplatin resistant cancer cells: are pH-sensitive liposomes more effective than conventional ones?. Drug Development and Industrial Pharmacy, 2017, 43, 465-473.	0.9	9
26	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. International Journal of Molecular Sciences, 2019, 20, 6122.	1.8	9
27	Proteomic and Bioinformatic Studies for the Characterization of Response to Pemetrexed in Platinum Drug Resistant Ovarian Cancer. Frontiers in Pharmacology, 2018, 9, 454.	1.6	7
28	Depletion of Trichoplein (TpMs) Causes Chromosome Mis-Segregation, DNA Damage and Chromosome Instability in Cancer Cells. Cancers, 2020, 12, 993.	1.7	7
29	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.	2.9	6
30	A Peptidic Thymidylate-Synthase Inhibitor Loaded on Pegylated Liposomes Enhances the Antitumour Effect of Chemotherapy Drugs in Human Ovarian Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 4452.	1.8	5
31	Cyclic Peptides Acting as Allosteric Inhibitors of Human Thymidylate Synthase and Cancer Cell Growth. Molecules, 2019, 24, 3493.	1.7	4
32	Structural Bases for the Synergistic Inhibition of Human Thymidylate Synthase and Ovarian Cancer Cell Growth by Drug Combinations. Cancers, 2021, 13, 2061.	1.7	2
33	Identification of a Quinone Derivative as a YAP/TEAD Activity Modulator from a Repurposing Library. Pharmaceutics, 2022, 14, 391.	2.0	1
34	Telomere Dysfunction Is Associated with Altered DNA Organization in Trichoplein/Tchp/Mitostatin (TpMs) Depleted Cells. Biomedicines, 2022, 10, 1602.	1.4	0