

# Domenico D Arca

## List of Publications by Citations

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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 | ROS, Cell Senescence, and Novel Molecular Mechanisms in Aging and Age-Related Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2016</b> , 2016, 3565127  | 6.7  | 395       |
| 31 | 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> , <b>2009</b> , 17, 210-21                                      | 10.2 | 122       |
| 30 | The chemopreventive action of catechins in the TRAMP mouse model of prostate carcinogenesis is accompanied by clusterin over-expression. <i>Carcinogenesis</i> , <b>2004</b> , 25, 2217-24  | 4.6  | 106       |
| 29 | Clusterin (SGP-2, ApoJ) expression is downregulated in low- and high-grade human prostate cancer. <i>International Journal of Cancer</i> , <b>2004</b> , 108, 23-30   | 7.5  | 86        |
| 28 | 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> , <b>2010</b> , 107, 5875-80 | 11.5 | 66        |
| 27 | Targeting Oxidatively Induced DNA Damage Response in Cancer: Opportunities for Novel Cancer Therapies. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 2389523   | 6.7  | 60        |
| 26 | 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> , <b>2004</b> , 382, 157-68         | 3.8  | 47        |
| 25 | Anticancer activity of green tea polyphenols in prostate gland. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2012</b> , 2012, 984219   | 6.7  | 40        |
| 24 | Inside the biochemical pathways of thymidylate synthase perturbed by anticancer drugs: Novel strategies to overcome cancer chemoresistance. <i>Drug Resistance Updates</i> , <b>2015</b> , 23, 20-54                                    | 23.2 | 38        |
| 23 | MITOSTATIN, a putative tumor suppressor on chromosome 12q24.1, is downregulated in human bladder and breast cancer. <i>Oncogene</i> , <b>2009</b> , 28, 257-69  | 9.2  | 38        |
| 22 | Ca <sup>2+</sup> depletion induces nuclear clusterin, a novel effector of apoptosis in immortalized human prostate cells. <i>Cell Death and Differentiation</i> , <b>2005</b> , 12, 101-4   | 12.7 | 37        |
| 21 | Clusterin decreases oxidative stress in lung fibroblasts exposed to cigarette smoke. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2006</b> , 174, 393-9   | 10.2 | 35        |
| 20 | 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> , <b>2003</b> , 1010, 514-9                | 6.5  | 31        |
| 19 | Mitostatin is down-regulated in human prostate cancer and suppresses the invasive phenotype of prostate cancer cells. <i>PLoS ONE</i> , <b>2011</b> , 6, e19771   | 3.7  | 20        |
| 18 | Repurposing of Drugs Targeting YAP-TEAD Functions. <i>Cancers</i> , <b>2018</b> , 10,   | 6.6  | 18        |
| 17 | Optimization of peptides that target human thymidylate synthase to inhibit ovarian cancer cell growth. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 1355-67  | 8.3  | 17        |
| 16 | Enhanced anti-hyperproliferative activity of human thymidylate synthase inhibitor peptide by solid lipid nanoparticle delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 136, 346-54                               | 6    | 14        |

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|----|--|-----|----|
| 15 | 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> , <b>2010</b> , 28, 189-94  | 2.8 | 13 |
| 14 | Mass spectrometric/bioinformatic identification of a protein subset that characterizes the cellular activity of anticancer peptides. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 5250-61   | 5.6 | 11 |
| 13 | 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> , <b>2005</b> , 26, 1677-86  | 4.6 | 11 |
| 12 | Intracellular quantitative detection of human thymidylate synthase engagement with an unconventional inhibitor using tetracysteine-diarsenical-probe technology. <i>Scientific Reports</i> , <b>2016</b> , 6, 27198  | 4.9 | 10 |
| 11 | 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> , <b>2017</b> , 43, 465-473                   | 3.6 | 9  |
| 10 | 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> , <b>2018</b> , 35, 206  | 4.5 | 8  |
| 9  | Proteomic and Bioinformatic Studies for the Characterization of Response to Pemetrexed in Platinum Drug Resistant Ovarian Cancer. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 454  | 5.6 | 6  |
| 8  | Trichoplein binds PCM1 and controls endothelial cell function by regulating autophagy. <i>EMBO Reports</i> , <b>2020</b> , 21, e48192  | 6.5 | 6  |
| 7  | 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> , <b>2018</b> , 61, 7374-7380  | 8.3 | 5  |
| 6  | Folic Acid-Peptide Conjugates Combine Selective Cancer Cell Internalization with Thymidylate Synthase Dimer Interface Targeting. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 3204-3221   | 8.3 | 4  |
| 5  | 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> , <b>2020</b> , 21,   | 6.3 | 3  |
| 4  | 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> , <b>2019</b> , 20, | 6.3 | 3  |
| 3  | Cyclic Peptides Acting as Allosteric Inhibitors of Human Thymidylate Synthase and Cancer Cell Growth. <i>Molecules</i> , <b>2019</b> , 24,   | 4.8 | 2  |
| 2  | Depletion of Trichoplein (TpMs) Causes Chromosome Mis-Segregation, DNA Damage and Chromosome Instability in Cancer Cells. <i>Cancers</i> , <b>2020</b> , 12,   | 6.6 | 2  |
| 1  | Trichoplein controls endothelial cell function by regulating autophagy   |     | 1  |