

Marina Di Domenico

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.

92
papers

3,438
citations

29
h-index

56
g-index

105
ext. papers

3,919
ext. citations

4.6
avg, IF

4.71
L-index

#	Paper	IF	Citations
92	Activation of the Src/p21ras/Erk pathway by progesterone receptor via cross-talk with estrogen receptor. <i>EMBO Journal</i> , 1998 , 17, 2008-18	13	494
91	PI3-kinase in concert with Src promotes the S-phase entry of oestradiol-stimulated MCF-7 cells. <i>EMBO Journal</i> , 2001 , 20, 6050-9	13	358
90	Non-transcriptional action of oestradiol and progestin triggers DNA synthesis. <i>EMBO Journal</i> , 1999 , 18, 2500-10	13	216
89	Two domains of the progesterone receptor interact with the estrogen receptor and are required for progesterone activation of the c-Src/Erk pathway in mammalian cells. <i>Molecular and Cellular Biology</i> , 2003 , 23, 1994-2008	4.8	179
88	Steroid receptor regulation of epidermal growth factor signaling through Src in breast and prostate cancer cells: steroid antagonist action. <i>Cancer Research</i> , 2005 , 65, 10585-93	10.1	153
87	Androgen-stimulated DNA synthesis and cytoskeletal changes in fibroblasts by a nontranscriptional receptor action. <i>Journal of Cell Biology</i> , 2003 , 161, 547-56	7.3	116
86	cAMP signaling selectively influences Ras effectors pathways. <i>Oncogene</i> , 2001 , 20, 1186-92	9.2	88
85	Sex steroid hormones act as growth factors. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002 , 83, 31-5	5.1	85
84	Properties of a purified estradiol-dependent calf uterus tyrosine kinase. <i>Biochemistry</i> , 1993 , 32, 1740-50	3.2	83
83	Inhibition of estradiol receptor/Src association and cell growth by an estradiol receptor alpha tyrosine-phosphorylated peptide. <i>Molecular Cancer Research</i> , 2007 , 5, 1213-21	6.6	78
82	Circulating Tumor Cells in Diagnosing Lung Cancer: Clinical and Morphologic Analysis. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 1899-905	2.7	63
81	A missense mutation in CASK causes FG syndrome in an Italian family. <i>American Journal of Human Genetics</i> , 2009 , 84, 162-77	11	63
80	Crosstalk between EGFR and extranuclear steroid receptors. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1089, 194-200	6.5	62
79	p85 regulatory subunit of PI3K mediates cAMP-PKA and estrogens biological effects on growth and survival. <i>Oncogene</i> , 2007 , 26, 2095-103	9.2	58
78	The serotonin receptor 7 promotes neurite outgrowth via ERK and Cdk5 signaling pathways. <i>Neuropharmacology</i> , 2013 , 67, 155-67	5.5	56
77	Role of atypical protein kinase C in estradiol-triggered G1/S progression of MCF-7 cells. <i>Molecular and Cellular Biology</i> , 2004 , 24, 7643-53	4.8	56
76	Rapid signalling pathway activation by androgens in epithelial and stromal cells. <i>Steroids</i> , 2004 , 69, 517-228		54

75	Disease-specific protein corona sensor arrays may have disease detection capacity. <i>Nanoscale Horizons</i> , 2019 , 4, 1063-1076	10.8	41
74	Oral Microbiota and Immune System Crosstalk: A Translational Research. <i>Biology</i> , 2020 , 9,	4.9	41
73	The role of E-cadherin down-regulation in oral cancer: CDH1 gene expression and epigenetic blockage. <i>Current Cancer Drug Targets</i> , 2014 , 14, 115-27	2.8	41
72	Integrating signals between cAMP and MAPK pathways in breast cancer. <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 1318-27	2.8	38
71	Vascular endothelial growth factor in pleural fluid for differential diagnosis of benign and malignant origin and its clinical applications. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2011 , 12, 420-4	1.8	35
70	pEGFR-Tyr 845 expression as prognostic factors in oral squamous cell carcinoma: a tissue-microarray study with clinic-pathological correlations. <i>Cancer Biology and Therapy</i> , 2012 , 13, 967-74 ⁶	4.6	35
69	The Role of Oxidative Stress and Hormones in Controlling Obesity. <i>Frontiers in Endocrinology</i> , 2019 , 10, 540	5.7	34
68	Two Different Serum MiRNA Signatures Correlate with the Clinical Outcome and Histological Subtype in Pleural Malignant Mesothelioma Patients. <i>PLoS ONE</i> , 2015 , 10, e0135331	3.7	34
67	Epigenetic fingerprint in endometrial carcinogenesis: the hypothesis of a uterine field cancerization. <i>Cancer Biology and Therapy</i> , 2011 , 12, 447-57	4.6	34
66	Expression of cancer stem cell biomarkers as a tool for a correct therapeutic approach to hepatocellular carcinoma. <i>Oncoscience</i> , 2015 , 2, 443-456	0.8	30
65	In vitro phosphorylation and hormone binding activation of the synthetic wild type human estradiol receptor. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1991 , 38, 407-13	5.1	29
64	Signal transduction growth factors: the effective governance of transcription and cellular adhesion in cancer invasion. <i>Oncotarget</i> , 2017 , 8, 36869-36884	3.3	29
63	Lactobacillus plantarum reduces Streptococcus pyogenes virulence by modulating the IL-17, IL-23 and Toll-like receptor 2/4 expressions in human epithelial cells. <i>International Immunopharmacology</i> , 2013 , 17, 453-61	5.8	28
62	Multifaceted Breast Cancer: The Molecular Connection With Obesity. <i>Journal of Cellular Physiology</i> , 2017 , 232, 69-77	7	27
61	The value of matrix metalloproteinase-9 and vascular endothelial growth factor receptor 1 pathway in diagnosing indeterminate pleural effusion. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 16, 263-9	1.8	25
60	Protein tyrosine phosphorylation and estradiol action. <i>Annals of the New York Academy of Sciences</i> , 1996 , 784, 149-72	6.5	23
59	Rebalancing the Oral Microbiota as an Efficient Tool in Endocrine, Metabolic and Immune Disorders. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021 , 21, 777-784	2.2	21
58	Proteomics in Mbiie disease. <i>Journal of Cellular Physiology</i> , 2012 , 227, 308-12	7	20

57	Activation-inactivation of hormone binding sites of the oestradiol-17 beta receptor is a multiregulated process. <i>The Journal of Steroid Biochemistry</i> , 1986 , 24, 39-43		20
56	The Crosstalk between Prostate Cancer and Microbiota Inflammation: Nutraceutical Products Are Useful to Balance This Interplay?. <i>Nutrients</i> , 2020 , 12,	6.7	20
55	The role of Chlamydia and Chlamydochlamydia infections in reactive arthritis. <i>Internal Medicine</i> , 2012 , 51, 113-117		19
54	Induction of proinflammatory cytokines in human osteoblastic cells by Chlamydia pneumoniae. <i>Cytokine</i> , 2011 , 56, 450-7	4	19
53	Interplay between steroid receptors and neoplastic progression in sarcoma tumors. <i>Journal of Cellular Physiology</i> , 2011 , 226, 2997-3003	7	19
52	The enigmatic role of matrix metalloproteinases in epithelial-to-mesenchymal transition of oral squamous cell carcinoma: Implications and nutraceutical aspects. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 6813	4.7	18
51	Tumor Microenvironment Versus Cancer Stem Cells in Cholangiocarcinoma: Synergistic Effects?. <i>Journal of Cellular Physiology</i> , 2016 , 231, 768-76	7	18
50	Antibacterial Activity of Indolicidin-Coated Silver Nanoparticles in Oral Disease. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1837	2.6	17
49	Correlation between matrix metalloproteinase 9 and 18F-2-fluoro-2-deoxyglucose-positron emission tomography as diagnostic markers of lung cancer. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 41, 852-60	3	17
48	AT1-receptor blockade: Protective effects of irbesartan in cardiomyocytes under hypoxic stress. <i>PLoS ONE</i> , 2018 , 13, e0202297	3.7	16
47	Exploitation of nanoparticle-protein interactions for early disease detection. <i>Applied Physics Letters</i> , 2019 , 114, 163702	3.4	15
46	Phosphorylation and estradiol binding of estrogen receptor in hormone-dependent and hormone-independent GR mouse mammary tumors. <i>International Journal of Cancer</i> , 1992 , 51, 733-9	7.5	15
45	Antineoplastic activity of povidone-iodine on different mesothelioma cell lines: results of in vitro study. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 45, 993-1000	3	14
44	Animal models in studies of cardiotoxicity side effects from antineoplastic drugs in patients and occupational exposed workers. <i>BioMed Research International</i> , 2014 , 2014, 240642	3	14
43	Cardiac and skeletal muscle expression of mutant β -myosin heavy chains, degree of functional impairment and phenotypic heterogeneity in hypertrophic cardiomyopathy. <i>Journal of Cellular Physiology</i> , 2012 , 227, 3471-6	7	14
42	Rare Neoplasm Mimicking Neuroendocrine Pancreatic Tumor: A Case Report of Solitary Fibrous Tumor with Review of the Literature. <i>Anticancer Research</i> , 2017 , 37, 3093-3097	2.3	14
41	Proteomics analysis of human serum of patients with non-small-cell lung cancer reveals proteins as diagnostic biomarker candidates. <i>Journal of Cellular Physiology</i> , 2019 , 234, 23798-23806	7	13
40	Glix 13, a new drug acting on glutamatergic pathways in children and animal models of autism spectrum disorders. <i>BioMed Research International</i> , 2014 , 2014, 234295	3	13

39	Towards gene therapy for deafness. <i>Journal of Cellular Physiology</i> , 2011 , 226, 2494-9	7	13
38	Phosphorylation on tyrosine of oestradiol-17 beta receptor in uterus and interaction of oestradiol-17 beta and glucocorticoid receptors with antiphosphotyrosine antibodies. <i>The Journal of Steroid Biochemistry</i> , 1987 , 27, 245-53		13
37	Steroids and growth factors in oral squamous cell carcinoma: useful source of dental-derived stem cells to develop a steroidogenic model in new clinical strategies. <i>European Review for Medical and Pharmacological Sciences</i> , 2019 , 23, 8730-8740	2.9	13
36	Nanoparticle-biomolecular corona: A new approach for the early detection of non-small-cell lung cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 9378-9386	7	13
35	The p85 β regulatory subunit of PI3K mediates cAMP-PKA and retinoic acid biological effects on MCF7 cell growth and migration. <i>International Journal of Oncology</i> , 2012 , 40, 1627-35	4.4	12
34	Detection of SARS-COV-2 Proteins Using an ELISA Test. <i>Diagnostics</i> , 2021 , 11,	3.8	12
33	HPV epigenetic mechanisms related to Oropharyngeal and Cervix cancers. <i>Cancer Biology and Therapy</i> , 2018 , 19, 850-857	4.6	11
32	Current treatment of cutaneous squamous cancer and molecular strategies for its sensitization to new target-based drugs. <i>Expert Opinion on Biological Therapy</i> , 2013 , 13, 51-66	5.4	11
31	Prognostic implications of node metastatic features in OSCC: a retrospective study on 121 neck dissections. <i>Oncology Reports</i> , 2013 , 30, 2697-704	3.5	11
30	Calmodulin-stimulated estradiol receptor-tyrosine kinase. <i>Methods in Enzymology</i> , 1987 , 139, 731-44	1.7	11
29	pRb2/p130 localizes to the cytoplasm in diffuse gastric cancer. <i>Journal of Cellular Physiology</i> , 2015 , 230, 802-5	7	10
28	Bisphosphonate-related osteonecrosis of the jaws and dental surgery procedures in children and young people with osteogenesis imperfecta: A systematic review. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2020 , 121, 556-562	1.7	10
27	AlphaVBeta5 integrins mediates Pseudomonas fluorescens interaction with A549 cells. <i>Frontiers in Bioscience - Landmark</i> , 2014 , 19, 408-15	2.8	10
26	Anti-VEGF therapy in breast and lung mouse models of cancers. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 947928		10
25	Epidermal growth factor induces protein tyrosine phosphorylation and association of p190 with ras-GTP-ase activating protein in Caco-2 cells. <i>FEBS Letters</i> , 1994 , 353, 16-20	3.8	10
24	Molecular profile of sensitization in subjects with short occupational exposure to latex. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2015 , 28, 841-8	1.5	10
23	A proteomics-driven assay defines specific plasma protein signatures in different stages of MBI disease. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 1097-100	4.7	9
22	The inhibition of p85 β PI3KSer83 phosphorylation prevents cell proliferation and invasion in prostate cancer cells. <i>Journal of Cellular Biochemistry</i> , 2013 , 114, 2114-9	4.7	9

21	BRAF mutation and RASSF1A expression in thyroid carcinoma of southern Italy. <i>Journal of Cellular Biochemistry</i> , 2013 , 114, 1174-82	4.7	9
20	Stem Cells: A Historical Review about Biological, Religious, and Ethical Issues. <i>Stem Cells International</i> , 2021 , 2021, 9978837	5	9
19	Matrix metalloproteinase-9 and tissue inhibitor of metalloproteinase-1 in diagnosis of pleural effusion of malignant origin. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 22, 411-8	1.8	9
18	Expression and clinical implication of cyclooxygenase-2 and E-cadherin in oral squamous cell carcinomas. <i>Cancer Biology and Therapy</i> , 2020 , 21, 667-674	4.6	9
17	Antioxidant Effect of Beer Polyphenols and Their Bioavailability in Dental-Derived Stem Cells (D-dSCs) and Human Intestinal Epithelial Lines (Caco-2) Cells. <i>Stem Cells International</i> , 2020 , 2020, 8835813	5.3	8
16	Sex Hormones and Inflammation Role in Oral Cancer Progression: A Molecular and Biological Point of View. <i>Journal of Oncology</i> , 2020 , 2020, 9587971	4.5	8
15	Cysts and Pseudocysts of the Oral Cavity: Revision of the Literature and a New Proposed Classification. <i>In Vivo</i> , 2018 , 32, 999-1007	2.3	8
14	COVID-19 Infection in Children and Infants: Current Status on Therapies and Vaccines.. <i>Children</i> , 2022 , 9,	2.8	8
13	Translational Research and Plasma Proteomic in Cancer. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 828-35	3.5	7
12	The Gaseous Ozone Therapy as a Promising Antiseptic Adjuvant of Periodontal Treatment: A Randomized Controlled Clinical Trial.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	6
11	Comparative spallation performance of silicone versus Tygon extracorporeal circulation tubing. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019 , 29, 685-692	1.8	4
10	COVID-19 Infection in Children, Infants and Pregnant Subjects: An Overview of Recent Insights and Therapies. <i>Microorganisms</i> , 2021 , 9,	4.9	4
9	Congenital midline fistula of the upper lip: Embryological aspects of a rare malformation. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2017 , 29, 334-336	0.4	3
8	Chlamydia trachomatis induces an upregulation of molecular biomarkers podoplanin, WilmsU tumour gene 1, osteopontin and inflammatory cytokines in human mesothelial cells. <i>Microbiology (United Kingdom)</i> , 2017 , 163, 654-663	2.9	3
7	Titanium Functionalized with Polylysine Homopolymers: In Vitro Enhancement of Cells Growth. <i>Materials</i> , 2021 , 14,	3.5	3
6	Attentional biases for threat after fear-related autobiographical recall. <i>Anxiety, Stress and Coping</i> , 2018 , 31, 69-78	3.1	2
5	Microscopy Techniques. <i>Current Clinical Pathology</i> , 2016 , 49-63	0.1	1
4	Diagnostic Accuracy of a New Antigen Test for SARS-CoV-2 Detection. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1

- 3 Interactions of Estrogen Receptors with Signal Cascade Molecules **2003**, 77-83 1
- 2 H9c2 Cardiomyocytes under Hypoxic Stress: Biological Effects Mediated by Sentinel Downstream Targets. *Oxidative Medicine and Cellular Longevity*, **2021**, 2021, 6874146 6.7 0
- 1 Peripheral Purinergic Modulation in Pediatric Orofacial Inflammatory Pain Affects Brainstem Nitroxic System: A Translational Research.. *BioMed Research International*, **2022**, 2022, 1326885 3