

Vincenzo Desiderio

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

3,872
citations

159358

30
h-index

143772

57
g-index

70
all docs

70
docs citations

70
times ranked

6462
citing authors

#	ARTICLE	IF	CITATIONS
1	MiR-423-5p prevents MALAT1-mediated proliferation and metastasis in prostate cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 20.	3.5	25
2	Hypoxia-Induced Stress Responses in Cancer and Cancer Stem Cells. , 2022, , 1829-1843.		0
3	Cancer cells adapt FAM134B/BiP mediated ER-phagy to survive hypoxic stress. <i>Cell Death and Disease</i> , 2022, 13, 357.	2.7	15
4	Vulnerability to low-dose combination of irinotecan and niraparib in ATM-mutated colorectal cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 15.	3.5	13
5	Chimeric Antigen Receptorâ€“Modified T Cells and T Cellâ€“Engaging Bispecific Antibodies: Different Tools for the Same Job. <i>Current Hematologic Malignancy Reports</i> , 2021, 16, 218-233.	1.2	4
6	Long non-coding RNAs in cancer stem cells. <i>Translational Oncology</i> , 2021, 14, 101134.	1.7	25
7	Salmonella Typhimurium impairs glycolysis-mediated acidification of phagosomes to evade macrophage defense. <i>PLoS Pathogens</i> , 2021, 17, e1009943.	2.1	10
8	Hyaluronan-Based Gel Promotes Human Dental Pulp Stem Cells Bone Differentiation by Activating YAP/TAZ Pathway. <i>Cells</i> , 2021, 10, 2899.	1.8	20
9	Î²2-AR blockade potentiates MEK1/2 inhibitor effect on HNSCC by regulating the Nrf2-mediated defense mechanism. <i>Cell Death and Disease</i> , 2020, 11, 850.	2.7	14
10	Can Beta-2-Adrenergic Pathway Be a New Target to Combat SARS-CoV-2 Hyperinflammatory Syndrome?â€“Lessons Learned From Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 588724.	2.2	34
11	1951P Niraparib and irinotecan combination in ATM-mutated colorectal cancer. <i>Annals of Oncology</i> , 2020, 31, S1099-S1100.	0.6	0
12	The role of autophagy in resistance to targeted therapies. <i>Cancer Treatment Reviews</i> , 2020, 88, 102043.	3.4	89
13	Hypoxia-induced shift in the phenotype of proteasome from 26S toward immunoproteasome triggers loss of immunoprivilege of mesenchymal stem cells. <i>Cell Death and Disease</i> , 2020, 11, 419.	2.7	15
14	Comparative Study of NGS Platform Ion Torrent Personal Genome Machine and Therascreen Rotor-Gene Q for the Detection of Somatic Variants in Cancer. <i>High-Throughput</i> , 2020, 9, 4.	4.4	1
15	GLPG 1790, a new selective EPHA2 inhibitor, is active in colorectal cancer cell lines belonging to the CMS4/mesenchymal-like subtype. <i>Annals of Oncology</i> , 2019, 30, v8-v9.	0.6	3
16	PYK2 promotes HER2-positive breast cancer invasion. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 210.	3.5	20
17	Glucose-6-phosphate dehydrogenase blockade potentiates tyrosine kinase inhibitor effect on breast cancer cells through autophagy perturbation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 160.	3.5	59
18	Cytoplasmic Interactions between the Glucocorticoid Receptor and HDAC2 Regulate Osteocalcin Expression in VPA-Treated MSCs. <i>Cells</i> , 2019, 8, 217.	1.8	30

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19	EPHA2 Is a Predictive Biomarker of Resistance and a Potential Therapeutic Target for Improving Antiepidermal Growth Factor Receptor Therapy in Colorectal Cancer. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 845-855.	1.9	58
20	AdoMet triggers apoptosis in head and neck squamous cancer by inducing ER stress and potentiates cell sensitivity to cisplatin. <i>Journal of Cellular Physiology</i> , 2019, 234, 13277-13291.	2.0	18
21	Application of injectable hydrogels for cardiac stem cell therapy and tissue engineering. <i>Reviews in Cardiovascular Medicine</i> , 2019, 20, 221.	0.5	25
22	Human adipose stem cell differentiation is highly affected by cancer cells both in vitro and in vivo: implication for autologous fat grafting. <i>Cell Death and Disease</i> , 2018, 8, e2568-e2568.	2.7	60
23	Sâ€Adenosylmethionineâ€mediated apoptosis is potentiated by autophagy inhibition induced by chloroquine in human breast cancer cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 1370-1383.	2.0	34
24	HDAC2 depletion promotes osteosarcomaâ€™s stemness both in vitro and in vivo: a study on a putative new target for CSCs directed therapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 296.	3.5	49
25	A new inhibitor of glucose-6-phosphate dehydrogenase blocks pentose phosphate pathway and suppresses malignant proliferation and metastasis in vivo. <i>Cell Death and Disease</i> , 2018, 9, 572.	2.7	138
26	Human DPSCs fabricate vascularized woven bone tissue: a new tool in bone tissue engineering. <i>Clinical Science</i> , 2017, 131, 699-713.	1.8	73
27	Concise Review: Cancer Cells, Cancer Stem Cells, and Mesenchymal Stem Cells: Influence in Cancer Development. <i>Stem Cells Translational Medicine</i> , 2017, 6, 2115-2125.	1.6	232
28	Synergistic effect of vismodegib and cisplatin in NSCLC models via autophagy. <i>Annals of Oncology</i> , 2017, 28, v9-v10.	0.6	0
29	Pharmacological targeting of the ephrin receptor kinase signalling by GLPG1790 in vitro and in vivo reverts oncophenotype, induces myogenic differentiation and radiosensitizes embryonal rhabdomyosarcoma cells. <i>Journal of Hematology and Oncology</i> , 2017, 10, 161.	6.9	29
30	Changing Paradigms in Cranio-Facial Regeneration: Current and New Strategies for the Activation of Endogenous Stem Cells. <i>Frontiers in Physiology</i> , 2016, 7, 62.	1.3	28
31	Liposome armed with herpes virus-derived gH625 peptide to overcome doxorubicin resistance in lung adenocarcinoma cell lines. <i>Oncotarget</i> , 2016, 7, 4077-4092.	0.8	25
32	Zoledronic acid-encapsulating self-assembling nanoparticles and doxorubicin: a combinatorial approach to overcome simultaneously chemoresistance and immunoresistance in breast tumors. <i>Oncotarget</i> , 2016, 7, 20753-20772.	0.8	39
33	Cytometry and Pathology. <i>Current Clinical Pathology</i> , 2016, , 65-84.	0.0	0
34	Levofolene modulates apoptosis induced by 5-fluorouracil through autophagy inhibition: Clinical and occupational implications. <i>International Journal of Oncology</i> , 2015, 46, 1893-1900.	1.4	14
35	Self-assembling nanoparticles encapsulating zoledronic acid revert multidrug resistance in cancer cells. <i>Oncotarget</i> , 2015, 6, 31461-31478.	0.8	40
36	Antagonistic effects of chloroquine on autophagy occurrence potentiate the anticancer effects of everolimus on renal cancer cells. <i>Cancer Biology and Therapy</i> , 2015, 16, 567-579.	1.5	50

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37	EZH2 is increased in paediatric T-cell acute lymphoblastic leukemia and is a suitable molecular target in combination treatment approaches. <i>Journal of Experimental and Clinical Cancer Research</i> , 2015, 34, 83.	3.5	20
38	<i>Dicrocoelium dendriticum</i> induces autophagic vacuoles accumulation in human hepatocarcinoma cells. <i>Veterinary Parasitology</i> , 2015, 212, 175-180.	0.7	6
39	Stemness markers of osteosarcoma. , 2015, , 205-211.		1
40	Increased fucosylation has a pivotal role in invasive and metastatic properties of head and neck cancer stem cells. <i>Oncotarget</i> , 2015, 6, 71-84.	0.8	66
41	Histone Deacetylase Inhibition with Valproic Acid Downregulates Osteocalcin Gene Expression in Human Dental Pulp Stem Cells and Osteoblasts: Evidence for HDAC2 Involvement. <i>Stem Cells</i> , 2014, 32, 279-289.	1.4	116
42	Dental pulp stem cells: State of the art and suggestions for a true translation of research into therapy. <i>Journal of Dentistry</i> , 2014, 42, 761-768.	1.7	155
43	Bone defects: Molecular and cellular therapeutic targets. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 51, 75-78.	1.2	23
44	Molecular Profiling of Human Primary Chondrosarcoma-Derived Spheres Reveals Specific and Target Genes Involved in Multidrug Resistance and Metastasis. <i>Journal of Carcinogenesis & Mutagenesis</i> , 2014, 05, .	0.3	1
45	Human Ng2 ⁺ adipose stem cells loaded in vivo on a new crosslinked hyaluronic acid α lys scaffold fabricate a skeletal muscle tissue. <i>Journal of Cellular Physiology</i> , 2013, 228, 1762-1773.	2.0	57
46	In vitro Evaluation of Sialyl Lewis X Relationship with Head and Neck Cancer Stem Cells. <i>Otolaryngology - Head and Neck Surgery</i> , 2013, 149, 97-104.	1.1	13
47	Human adipose CD34 ⁺ CD90 ⁺ stem cells and collagen scaffold constructs grafted in vivo fabricate loose connective and adipose tissues. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 1039-1049.	1.2	64
48	Cancer stem cells in solid tumors: an overview and new approaches for their isolation and characterization. <i>FASEB Journal</i> , 2013, 27, 13-24.	0.2	338
49	Three Years After Transplants in Human Mandibles, Histological and In-Line Holotomography Revealed That Stem Cells Regenerated a Compact Rather Than a Spongy Bone: Biological and Clinical Implications. <i>Stem Cells Translational Medicine</i> , 2013, 2, 316-324.	1.6	149
50	A unifying working hypothesis for juvenile polyposis syndrome and MÃ©nÃ©trier's disease: Specific localization or concomitant occurrence of a separate entity?. <i>Digestive and Liver Disease</i> , 2012, 44, 952-956.	0.4	9
51	Methods for Cancer Stem Cell Detection and Isolation. <i>Methods in Molecular Biology</i> , 2012, 879, 513-529.	0.4	56
52	Human primary bone sarcomas contain CD133 ⁺ cancer stem cells displaying high tumorigenicity <i>in vivo</i> . <i>FASEB Journal</i> , 2011, 25, 2022-2030.	0.2	190
53	Methods for the Identification, Characterization and Banking of Human DPSCs: Current Strategies and Perspectives. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 608-615.	5.6	74
54	Human Dental Pulp Stem Cells Hook into Biocoral Scaffold Forming an Engineered Biocomplex. <i>PLoS ONE</i> , 2011, 6, e18721.	1.1	51

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55	Human neural crest-derived postnatal cells exhibit remarkable embryonic attributes either in vitro or in vivo. , 2011, 21, 304-316.		52
56	The osteoblastic differentiation of dental pulp stem cells and bone formation on different titanium surface textures. Biomaterials, 2010, 31, 3543-3551.	5.7	128
57	Stem cells in cancer therapy: From their role in pathogenesis to their use as therapeutic agents. Drug News and Perspectives, 2010, 23, 175.	1.9	7
58	Human CD34+/CD90+ ASCs Are Capable of Growing as Sphere Clusters, Producing High Levels of VEGF and Forming Capillaries. PLoS ONE, 2009, 4, e6537.	1.1	144
59	A New Method for Cryopreserving Adipose-Derived Stem Cells: An Attractive and Suitable Large-Scale and Long-Term Cell Banking Technology. Tissue Engineering - Part C: Methods, 2009, 15, 659-667.	1.1	84
60	Human mandible bone defect repair by the grafting of dental pulp stem/progenitor cells and collagen sponge biocomplexes. , 2009, 18, 75-83.		387
61	The stem cell hypothesis in head and neck cancer. Journal of Cellular Biochemistry, 2008, 103, 408-412.	1.2	41
62	Detection and Characterization of CD133+ Cancer Stem Cells in Human Solid Tumours. PLoS ONE, 2008, 3, e3469.	1.1	246
63	Large-Scale Production of Human Adipose Tissue from Stem Cells: A New Tool for Regenerative Medicine and Tissue Banking. Tissue Engineering - Part C: Methods, 2008, 14, 233-242.	1.1	61
64	Effects of a vitamin D3 analog on diabetes in the bio breeding (BB) rat. Journal of Cellular Biochemistry, 2007, 100, 808-814.	1.2	11
65	MnSOD mimic compounds can counteract mechanical stress and islet β cell apoptosis, although at appropriate concentration ranges. Journal of Cellular Physiology, 2007, 212, 432-438.	2.0	8
66	Stem cells for therapeutic use in tissue engineering: A promising tool or an approachable reality?. Drugs of the Future, 2006, 31, 1117.	0.0	0