

Giulio Alessandri

List of Publications by Year in descending order

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92
papers

5,486
citations

81839

39
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82499

72
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95
all docs

95
docs citations

95
times ranked

8250
citing authors

#	ARTICLE	IF	CITATIONS
1	Paclitaxel is incorporated by mesenchymal stromal cells and released in exosomes that inhibit in vitro tumor growth: A new approach for drug delivery. <i>Journal of Controlled Release</i> , 2014, 192, 262-270.	4.8	697
2	Melanoma contains CD133 and ABCG2 positive cells with enhanced tumourigenic potential. <i>European Journal of Cancer</i> , 2007, 43, 935-946.	1.3	523
3	Substance P stimulates neovascularization in vivo and proliferation of cultured endothelial cells. <i>Microvascular Research</i> , 1990, 40, 264-278.	1.1	268
4	Glioblastoma-derived tumorspheres identify a population of tumor stem-like cells with angiogenic potential and enhanced multidrug resistance phenotype. <i>Glia</i> , 2006, 54, 850-860.	2.5	246
5	Human CD133 ⁺ Progenitor Cells Promote the Healing of Diabetic Ischemic Ulcers by Paracrine Stimulation of Angiogenesis and Activation of Wnt Signaling. <i>Circulation Research</i> , 2009, 104, 1095-1102.	2.0	234
6	Isolation and culture of human muscle-derived stem cells able to differentiate into myogenic and neurogenic cell lineages. <i>Lancet</i> , The, 2004, 364, 1872-1883.	6.3	172
7	Mesenchymal Stromal Cells Primed with Paclitaxel Provide a New Approach for Cancer Therapy. <i>PLoS ONE</i> , 2011, 6, e28321.	1.1	146
8	Mesenchymal Stem/Stromal Cells: A New 'Cells as Drugs' Paradigm. Efficacy and Critical Aspects in Cell Therapy. <i>Current Pharmaceutical Design</i> , 2013, 19, 2459-2473.	0.9	144
9	Differential effects of extracellular vesicles secreted by mesenchymal stem cells from different sources on glioblastoma cells. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 495-504.	1.4	140
10	Dermal fibroblasts display similar phenotypic and differentiation capacity to fat-derived mesenchymal stem cells, but differ in anti-inflammatory and angiogenic potential. <i>Vascular Cell</i> , 2011, 3, 5.	0.2	116
11	Decellularized silk fibroin scaffold primed with adipose mesenchymal stromal cells improves wound healing in diabetic mice. <i>Stem Cell Research and Therapy</i> , 2014, 5, 7.	2.4	108
12	Human Fetal Aorta Contains Vascular Progenitor Cells Capable of Inducing Vasculogenesis, Angiogenesis, and Myogenesis in Vitro and in a Murine Model of Peripheral Ischemia. <i>American Journal of Pathology</i> , 2007, 170, 1879-1892.	1.9	93
13	HIV-1 matrix protein p17 promotes angiogenesis via chemokine receptors CXCR1 and CXCR2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14580-14585.	3.3	92
14	Human Vasculogenesis Ex Vivo: Embryonal Aorta as a Tool for Isolation of Endothelial Cell Progenitors. <i>Laboratory Investigation</i> , 2001, 81, 875-885.	1.7	85
15	CCL16 activates an angiogenic program in vascular endothelial cells. <i>Blood</i> , 2004, 103, 40-49.	0.6	85
16	HHV-6 infects human aortic and heart microvascular endothelial cells, increasing their ability to secrete proinflammatory chemokines. <i>Journal of Medical Virology</i> , 2002, 67, 528-533.	2.5	82
17	Ex Vivo Expanded Mesenchymal Stromal Cell Minimal Quality Requirements for Clinical Application. <i>Stem Cells and Development</i> , 2015, 24, 677-685.	1.1	79
18	Transforming Growth Factor- β 1 and CD105 Promote the Migration of Hepatocellular Carcinoma-Derived Endothelium. <i>Cancer Research</i> , 2008, 68, 8626-8634.	0.4	76

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19	Isolation and expansion of human and mouse brain microvascular endothelial cells. <i>Nature Protocols</i> , 2013, 8, 1680-1693.	5.5	73
20	Mesenchymal stromal cells primed with paclitaxel attract and kill leukaemia cells, inhibit angiogenesis and improve survival of leukaemia-bearing mice. <i>British Journal of Haematology</i> , 2013, 160, 766-778.	1.2	67
21	Angiogenic and anti-inflammatory properties of micro-fragmented fat tissue and its derived mesenchymal stromal cells. <i>Vascular Cell</i> , 2016, 8, 3.	0.2	66
22	Inhibition of neuroblastoma-induced angiogenesis by fenretinide. <i>International Journal of Cancer</i> , 2001, 94, 314-321.	2.3	63
23	Human amniotic mesenchymal stromal cells (hAMSCs) as potential vehicles for drug delivery in cancer therapy: an in vitro study. <i>Stem Cell Research and Therapy</i> , 2015, 6, 155.	2.4	60
24	Drug Loaded Gingival Mesenchymal Stromal Cells (GinPa-MSCs) Inhibit In Vitro Proliferation of Oral Squamous Cell Carcinoma. <i>Scientific Reports</i> , 2017, 7, 9376.	1.6	60
25	Human herpesvirus-6 modulates RANTES production in primary human endothelial cell cultures. <i>Journal of Medical Virology</i> , 2003, 70, 451-458.	2.5	57
26	Human mesenchymal stromal cells inhibit tumor growth in orthotopic glioblastoma xenografts. <i>Stem Cell Research and Therapy</i> , 2017, 8, 53.	2.4	57
27	Mesenchymal stromal cells loaded with paclitaxel induce cytotoxic damage in glioblastoma brain xenografts. <i>Stem Cell Research and Therapy</i> , 2015, 6, 194.	2.4	56
28	Characterization of tumor lines derived from spontaneous metastases of a transplanted murine sarcoma. <i>European Journal of Cancer</i> , 1981, 17, 71-76.	1.0	55
29	Genetically Engineered Stem Cell Therapy for Tissue Regeneration. <i>Annals of the New York Academy of Sciences</i> , 2004, 1015, 271-284.	1.8	55
30	Human neuroblastoma cells produce extracellular matrix-degrading enzymes, induce endothelial cell proliferation and are angiogenic in vivo. , 1998, 77, 449-454.		54
31	U94 of human herpesvirus 6 inhibits in vitro angiogenesis and lymphangiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20446-20451.	3.3	51
32	Immortalization of human adipose-derived stromal cells: production of cell lines with high growth rate, mesenchymal marker expression and capability to secrete high levels of angiogenic factors. <i>Stem Cell Research and Therapy</i> , 2014, 5, 63.	2.4	51
33	Potential use of human adipose mesenchymal stromal cells for intervertebral disc regeneration: a preliminary study on biglycan-deficient murine model of chronic disc degeneration. <i>Arthritis Research and Therapy</i> , 2014, 16, 457.	1.6	48
34	In Vitro Anticancer Activity of Extracellular Vesicles (EVs) Secreted by Gingival Mesenchymal Stromal Cells Primed with Paclitaxel. <i>Pharmaceutics</i> , 2019, 11, 61.	2.0	44
35	Vasculogenic and Angiogenic Pathways in Moyamoya Disease. <i>Current Medicinal Chemistry</i> , 2016, 23, 315-345.	1.2	44
36	Gemcitabine-releasing mesenchymal stromal cells inhibit in vitro proliferation of human pancreatic carcinoma cells. <i>Cytotherapy</i> , 2015, 17, 1687-1695.	0.3	43

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37	CD11b Expression Identifies CD8+CD28+T Lymphocytes with Phenotype and Function of Both Naive/Memory and Effector Cells. <i>Journal of Immunology</i> , 2001, 166, 900-907.	0.4	42
38	Autocrine/paracrine sphingosine-1-phosphate fuels proliferative and stemness qualities of glioblastoma stem cells. <i>Glia</i> , 2014, 62, 1968-1981.	2.5	42
39	Membrane vesicles mediate pro-angiogenic activity of equine adipose-derived mesenchymal stromal cells. <i>Veterinary Journal</i> , 2014, 202, 361-366.	0.6	42
40	Long-Lasting Anti-Inflammatory Activity of Human Microfragmented Adipose Tissue. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	42
41	Cell-mediated drug delivery by gingival interdental papilla mesenchymal stromal cells (GinPa-MSCs) loaded with paclitaxel. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 789-798.	2.4	39
42	Paclitaxel-releasing mesenchymal stromal cells inhibit the growth of multiple myeloma cells in a dynamic 3D culture system. <i>Hematological Oncology</i> , 2017, 35, 693-702.	0.8	39
43	Angiogenic and Angiostatic Microenvironment in Tumors: Role of Gangliosides. <i>Acta Oncologica</i> , 1997, 36, 383-387.	0.8	38
44	Gangliosides, copper ions and angiogenic capacity of adult tissues. <i>Cancer and Metastasis Reviews</i> , 1990, 9, 239-251.	2.7	37
45	Paclitaxel-releasing mesenchymal stromal cells inhibit in vitro proliferation of human mesothelioma cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 755-758.	2.5	36
46	Phenotypic and functional characteristics of tumour-derived microvascular endothelial cells. <i>Clinical and Experimental Metastasis</i> , 1999, 17, 655-662.	1.7	35
47	Isolation and characterization of lymphatic microvascular endothelial cells from human tonsils. <i>Journal of Cellular Physiology</i> , 2006, 207, 107-113.	2.0	34
48	Inhibition of telomerase in the endothelial cells disrupts tumor angiogenesis in glioblastoma xenografts. <i>International Journal of Cancer</i> , 2008, 122, 1236-1242.	2.3	32
49	Intra-Articular Administration of Autologous Micro-Fragmented Adipose Tissue in Dogs with Spontaneous Osteoarthritis: Safety, Feasibility, and Clinical Outcomes. <i>Stem Cells Translational Medicine</i> , 2018, 7, 819-828.	1.6	32
50	Human neural stem cells express extra-neural markers. <i>Brain Research</i> , 2002, 925, 213-221.	1.1	31
51	Nanotechnology Advances in Brain Tumors: The State of the Art. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2011, 6, 58-69.	0.8	30
52	Drug-releasing mesenchymal cells strongly suppress B16 lung metastasis in a syngeneic murine model. <i>Journal of Experimental and Clinical Cancer Research</i> , 2015, 34, 82.	3.5	30
53	Human neural stem cells: a model system for the study of Lesch-Nyhan disease neurological aspects. <i>Human Molecular Genetics</i> , 2010, 19, 1939-1950.	1.4	28
54	Microfragmented human fat tissue is a natural scaffold for drug delivery: Potential application in cancer chemotherapy. <i>Journal of Controlled Release</i> , 2019, 302, 2-18.	4.8	26

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55	Omentum-derived stromal cells improve myocardial regeneration in pig post-infarcted heart through a potent paracrine mechanism. <i>Experimental Cell Research</i> , 2010, 316, 1804-1815.	1.2	24
56	Fluorescent Immortalized Human Adipose Derived Stromal Cells (hASCs-TS/GFP+) for Studying Cell Drug Delivery Mediated by Microvesicles. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1578-1585.	0.9	23
57	Transforming growth factor-beta1 induces microvascular abnormalities through a down-modulation of neural cell adhesion molecule in human hepatocellular carcinoma. <i>Laboratory Investigation</i> , 2012, 92, 1297-1309.	1.7	22
58	Human and mouse brain-derived endothelial cells require high levels of growth factors medium for their isolation, in vitro maintenance and survival. <i>Vascular Cell</i> , 2013, 5, 10.	0.2	21
59	Automated Large-Scale Production of Paclitaxel Loaded Mesenchymal Stromal Cells for Cell Therapy Applications. <i>Pharmaceutics</i> , 2020, 12, 411.	2.0	20
60	A murine ovarian tumor with unique metastasizing capacity. <i>European Journal of Cancer</i> , 1981, 17, 651-653.	1.0	19
61	Human mesenchymal stromal cells can uptake and release ciprofloxacin, acquiring in vitro anti-bacterial activity. <i>Cytotherapy</i> , 2014, 16, 181-190.	0.3	19
62	Uptake-release by MSCs of a cationic platinum(II) complex active in vitro on human malignant cancer cell lines. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 111-118.	2.5	18
63	Human adult skeletal muscle stem cells differentiate into cardiomyocyte phenotype in vitro. <i>Experimental Cell Research</i> , 2008, 314, 366-376.	1.2	17
64	Targeting p35/Cdk5 Signalling via CIP-Peptide Promotes Angiogenesis in Hypoxia. <i>PLoS ONE</i> , 2013, 8, e75538.	1.1	17
65	Human fetal aorta-derived vascular progenitor cells: identification and potential application in ischemic diseases. <i>Cytotechnology</i> , 2008, 58, 43-47.	0.7	16
66	Paclitaxel-Loaded Silk Fibroin Nanoparticles: Method Validation by UHPLC-MS/MS to Assess an Exogenous Approach to Load Cytotoxic Drugs. <i>Pharmaceutics</i> , 2019, 11, 285.	2.0	15
67	p5 Peptide-Loaded Human Adipose-Derived Mesenchymal Stem Cells Promote Neurological Recovery After Focal Cerebral Ischemia in a Rat Model. <i>Translational Stroke Research</i> , 2021, 12, 125-135.	2.3	15
68	Human Adipose-Derived Mesenchymal Stem Cells as a New Model of Spinal and Bulbar Muscular Atrophy. <i>PLoS ONE</i> , 2014, 9, e112746.	1.1	15
69	Expansion of Rare CD8 ⁺ CD28 ^{hi} CD11b ^{hi} T Cells With Impaired Effector Functions in HIV-1 ⁺ Infected Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2000, 24, 465-474.	0.9	14
70	Selective Activation of Cervical Microvascular Endothelial Cells by Human Papillomavirus 16-E7 Oncoprotein. <i>Journal of the National Cancer Institute</i> , 2001, 93, 1843-1851.	3.0	14
71	Diagnostic Implications of L1, p16, and Ki-67 Proteins and HPV DNA in Low-grade Cervical Intraepithelial Neoplasia. <i>International Journal of Gynecological Pathology</i> , 2011, 30, 597-604.	0.9	14
72	Human CD14 ⁺ cells loaded with Paclitaxel inhibit in vitro cell proliferation of glioblastoma. <i>Cytotherapy</i> , 2015, 17, 310-319.	0.3	13

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73	A Nonenzymatic and Automated Closed-Cycle Process for the Isolation of Mesenchymal Stromal Cells in Drug Delivery Applications. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	12
74	Human Skin-Derived Fibroblasts Acquire In Vitro Anti-Tumor Potential after Priming with Paclitaxel. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 523-530.	0.9	12
75	Expansion of Rare CD8+CD28 ^{hi} CD11b ^{lo} T Cells With Impaired Effector Functions in HIV-1-Infected Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2000, 24, 465-474.	0.9	11
76	Isolation, Expansion, and Immortalization of Human Adipose-Derived Mesenchymal Stromal Cells from Biopsies and Liposuction Specimens. <i>Methods in Molecular Biology</i> , 2016, 1416, 259-274.	0.4	10
77	Human skin-derived fibroblasts acquire in vitro anti-tumor potential after priming with Paclitaxel. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 523-30.	0.9	10
78	CD8+CD28-T Lymphocytes from HIV-1-Infected Patients Secrete Factors That Induce Endothelial Cell Proliferation and Acquisition of Kaposi's Sarcoma Cell Features. <i>Journal of Interferon and Cytokine Research</i> , 2003, 23, 523-531.	0.5	9
79	Fibronectin-adherent peripheral blood derived mononuclear cells as Paclitaxel carriers for glioblastoma treatment: An in vitro study. <i>Cytotherapy</i> , 2017, 19, 721-734.	0.3	9
80	Human Olfactory Bulb Neural Stem Cells (Hu-OBNSCs) Can Be Loaded with Paclitaxel and Used to Inhibit Glioblastoma Cell Growth. <i>Pharmaceutics</i> , 2019, 11, 45.	2.0	9
81	Paclitaxel Priming of TRAIL Expressing Mesenchymal Stromal Cells (MSCs- TRAIL) Increases Antitumor Efficacy of Their Secretome. <i>Current Cancer Drug Targets</i> , 2021, 21, 213-222.	0.8	9
82	Inhibition of Human Malignant Pleural Mesothelioma Growth by Mesenchymal Stromal Cells. <i>Cells</i> , 2021, 10, 1427.	1.8	9
83	Mesenchymal Stromal Cells Uptake and Release Paclitaxel without Reducing its Anticancer Activity. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 15, 400-405.	0.9	7
84	CD146+ Pericytes Subset Isolated from Human Micro-Fragmented Fat Tissue Display a Strong Interaction with Endothelial Cells: A Potential Cell Target for Therapeutic Angiogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5806.	1.8	7
85	Establishment, characterization and long-term culture of human endocrine pancreas-derived microvascular endothelial cells. <i>Cytotherapy</i> , 2017, 19, 141-152.	0.3	6
86	Human mesenchymal stromal cells primed with paclitaxel, apart from displaying anti-tumor activity, maintain their immune regulatory functions in vitro. <i>Cytotherapy</i> , 2014, 16, 868-870.	0.3	5
87	In Vitro Activity of Monofunctional Pt-II Complex Based on 8-Aminoquinoline against Human Glioblastoma. <i>Pharmaceutics</i> , 2021, 13, 2101.	2.0	5
88	Case Report: Microfragmented Adipose Tissue Drug Delivery in Canine Mesothelioma: A Case Report on Safety, Feasibility, and Clinical Findings. <i>Frontiers in Veterinary Science</i> , 2020, 7, 585427.	0.9	4
89	Single-Shot Local Injection of Microfragmented Fat Tissue Loaded with Paclitaxel Induces Potent Growth Inhibition of Hepatocellular Carcinoma in Nude Mice. <i>Cancers</i> , 2021, 13, 5505.	1.7	4
90	Osteogenic differentiation of adipose tissue-derived mesenchymal stem cells cultured on a scaffold made of silk fibroin and cord blood platelet gel. <i>Blood Transfusion</i> , 2016, 14, 206-11.	0.3	4

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91	Three-Dimensional Self-Organizing Neural Architectures: A Neural Stem Cells Reservoir and a System for Neurodevelopmental Studies. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 1109-1120.	1.1	2
92	Angiogenesis factor(s) activity can be modulated by gangliosides. <i>Pharmacological Research Communications</i> , 1988, 20, 11-12.	0.2	1