

Donatella Aldinucci

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84
papers

4,168
citations

34
h-index

63
g-index

88
ext. papers

4,681
ext. citations

5
avg, IF

5.35
L-index

#	Paper	IF	Citations
84	A sensitive spectrophotometric method for the determination of superoxide dismutase activity in tissue extracts. <i>Analytical Biochemistry</i> , 1986 , 154, 536-41	3.1	422
83	The role of the EGFR signaling in tumor microenvironment. <i>Journal of Cellular Physiology</i> , 2008 , 214, 559-67	7	280
82	The inflammatory chemokine CCL5 and cancer progression. <i>Mediators of Inflammation</i> , 2014 , 2014, 292376	7.6	260
81	The classical Hodgkin's lymphoma microenvironment and its role in promoting tumour growth and immune escape. <i>Journal of Pathology</i> , 2010 , 221, 248-63	9.4	193
80	Expression of functional CD40 antigen on Reed-Sternberg cells and Hodgkin's disease cell lines. <i>Blood</i> , 1995 , 85, 780-789	2.2	171
79	Interleukin 1 is an autocrine regulator of human endothelial cell growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 6487-91	11.5	155
78	Synthesis, characterization, and comparative in vitro cytotoxicity studies of platinum(II), palladium(II), and gold(III) methylsarcosinedithiocarbamate complexes. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 1588-95	8.3	150
77	Expression of CCR5 receptors on Reed-Sternberg cells and Hodgkin lymphoma cell lines: involvement of CCL5/Rantes in tumor cell growth and microenvironmental interactions. <i>International Journal of Cancer</i> , 2008 , 122, 769-76	7.5	113
76	Human eosinophils express functional CD30 ligand and stimulate proliferation of a Hodgkin's disease cell line. <i>Blood</i> , 1996 , 88, 3299-3305	2.2	107
75	Effects on differentiation by the promyelocytic leukemia PML/RARalpha protein depend on the fusion of the PML protein dimerization and RARalpha DNA binding domains.. <i>EMBO Journal</i> , 1996 , 15, 4949-4958	13	104
74	Interleukin 1 as an autocrine growth factor for acute myeloid leukemia cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 2369-73	11.5	104
73	Antitumor activity of gold(III)-dithiocarbamate derivatives on prostate cancer cells and xenografts. <i>International Journal of Cancer</i> , 2011 , 128, 206-15	7.5	103
72	CD30 Ligand Is Frequently Expressed in Human Hematopoietic Malignancies of Myeloid and Lymphoid Origin. <i>Blood</i> , 1997 , 89, 2048-2059	2.2	101
71	Expression pattern of MUM1/IRF4 in the spectrum of pathology of Hodgkin's disease. <i>British Journal of Haematology</i> , 2002 , 117, 366-72	4.5	84
70	Functional coexpression of Interleukin (IL)-7 and its receptor (IL-7R) on Hodgkin and Reed-Sternberg cells: Involvement of IL-7 in tumor cell growth and microenvironmental interactions of Hodgkin's lymphoma. <i>International Journal of Cancer</i> , 2009 , 125, 1092-101	7.5	80
69	Gefitinib inhibits the ability of human bone marrow stromal cells to induce osteoclast differentiation: implications for the pathogenesis and treatment of bone metastasis. <i>Endocrine-Related Cancer</i> , 2005 , 12, 471-82	5.7	79
68	Role of the EGFR ligand/receptor system in the secretion of angiogenic factors in mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2011 , 226, 2131-8	7	70

67	The expression of CD26 and CD40 ligand is mutually exclusive in human T- cell non-Hodgkin's lymphomas/leukemias. <i>Blood</i> , 1995 , 86, 4617-4626	2.2	69
66	Inhibition of the CCL5/CCR5 Axis against the Progression of Gastric Cancer. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	66
65	Microenvironmental interactions in classical Hodgkin lymphoma and their role in promoting tumor growth, immune escape and drug resistance. <i>Cancer Letters</i> , 2016 , 380, 243-52	9.9	64
64	Latest insights into the anticancer activity of gold(III)-dithiocarbamate complexes. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2010 , 10, 283-92	2.2	62
63	The CCL5/CCR5 Axis in Cancer Progression. <i>Cancers</i> , 2020 , 12,	6.6	61
62	Differential expression of a novel proline-rich homeobox gene (Prh) in human hematology cells. <i>Blood</i> , 1995 , 85, 1237-1245	2.2	59
61	Toward the selective delivery of chemotherapeutics into tumor cells by targeting peptide transporters: tailored gold-based anticancer peptidomimetics. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 2212-26	8.3	54
60	New bipyridine gold(III) dithiocarbamate-containing complexes exerted a potent anticancer activity against cisplatin-resistant cancer cells independent of p53 status. <i>Oncotarget</i> , 2017 , 8, 490-505	3.3	52
59	Reed-Sternberg Cells of Classical Hodgkin's Disease React With the Plasma Cell-Specific Monoclonal Antibody B-B4 and Express Human Syndecan-1. <i>Blood</i> , 1997 , 89, 3787-3794	2.2	51
58	Interactions between tissue fibroblasts in lymph nodes and Hodgkin/Reed-Sternberg cells. <i>Leukemia and Lymphoma</i> , 2004 , 45, 1731-9	1.9	48
57	Expression of functional interleukin-3 receptors on Hodgkin and Reed-Sternberg cells. <i>American Journal of Pathology</i> , 2002 , 160, 585-96	5.8	46
56	The role of CD40/CD40L and interferon regulatory factor 4 in Hodgkin lymphoma microenvironment. <i>Leukemia and Lymphoma</i> , 2012 , 53, 195-201	1.9	41
55	Preclinical activity of the repurposed drug auranofin in classical Hodgkin lymphoma. <i>Blood</i> , 2015 , 126, 1394-7	2.2	40
54	Superoxide-driven NAD(P)H oxidation induced by EDTA-manganese complex and mercaptoethanol. <i>Chemico-Biological Interactions</i> , 1990 , 76, 3-18	5	39
53	Antiproliferative and apoptotic effects of two new gold(III) methylsarcosinedithiocarbamate derivatives on human acute myeloid leukemia cells in vitro. <i>Anti-Cancer Drugs</i> , 2007 , 18, 323-32	2.4	38
52	CCR5 antagonism by maraviroc inhibits Hodgkin lymphoma microenvironment interactions and xenograft growth. <i>Haematologica</i> , 2019 , 104, 564-575	6.6	37
51	Preclinical activity of the liposomal cisplatin lipoplatin in ovarian cancer. <i>Clinical Cancer Research</i> , 2014 , 20, 5496-506	12.9	35
50	Preclinical evaluation of a new liposomal formulation of cisplatin, lipoplatin, to treat cisplatin-resistant cervical cancer. <i>Gynecologic Oncology</i> , 2013 , 131, 744-52	4.9	33

49	Rational design of gold(III)-dithiocarbamate peptidomimetics for the targeted anticancer chemotherapy. <i>Journal of Inorganic Biochemistry</i> , 2012 , 117, 248-60	4.2	32
48	Potent In Vitro and In Vivo Anticancer Activity of New Bipyridine and Bipyrimidine Gold (III) Dithiocarbamate Derivatives. <i>Cancers</i> , 2019 , 11,	6.6	28
47	Gefitinib inhibits the cross-talk between mesenchymal stem cells and prostate cancer cells leading to tumor cell proliferation and inhibition of docetaxel activity. <i>Journal of Cellular Biochemistry</i> , 2013 , 114, 1135-44	4.7	27
46	IRF4 silencing inhibits Hodgkin lymphoma cell proliferation, survival and CCL5 secretion. <i>British Journal of Haematology</i> , 2011 , 152, 182-90	4.5	27
45	CD40L induces proliferation, self-renewal, rescue from apoptosis, and production of cytokines by CD40-expressing AML blasts. <i>Experimental Hematology</i> , 2002 , 30, 1283-92	3.1	27
44	Groundbreaking gold(III) anticancer agents. <i>Drug Discovery Today</i> , 2009 , 14, 1075-1076	8.8	26
43	The role of interleukin-3 in classical Hodgkin's disease. <i>Leukemia and Lymphoma</i> , 2005 , 46, 303-11	1.9	26
42	Preparative enzymic synthesis and isolation of d-threo-2-pentulose 5-phosphate (d-xylulose 5-phosphate). <i>Carbohydrate Research</i> , 1985 , 143, 288-293	2.9	26
41	In vitro and in vivo effects of 2-Deoxycoformycin (Pentostatin) on tumour cells from human gamma-delta+ T-cell malignancies. <i>British Journal of Haematology</i> , 2000 , 110, 188-96	4.5	24
40	Improved GMP compliant approach to manipulate lipoaspirates, to cryopreserve stromal vascular fraction, and to expand adipose stem cells in xeno-free media. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 130	8.3	23
39	CD26 expression correlates with a reduced sensitivity to 2-Deoxycoformycin-induced growth inhibition and apoptosis in T-cell leukemia/lymphomas. <i>Clinical Cancer Research</i> , 2004 , 10, 508-20	12.9	22
38	Hodgkin and Reed-Sternberg cells express functional c-kit receptors and interact with primary fibroblasts from Hodgkin's disease-involved lymph nodes through soluble and membrane-bound stem cell factor. <i>British Journal of Haematology</i> , 2002 , 118, 1055-64	4.5	21
37	Inhibition of the self-renewal capacity of blast progenitors from acute myeloblastic leukemia patients by site-selective 8-chloroadenosine 3'-5'-cyclic monophosphate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 8884-8	11.5	21
36	Hodgkin's disease: a disorder of dysregulated cellular cross-talk. <i>Biotherapy (Dordrecht, Netherlands)</i> , 1998 , 10, 309-20		18
35	CD30L up-regulates CD30 and IL-4 expression by T cells. <i>FEBS Letters</i> , 2001 , 508, 418-22	3.8	18
34	Radiotherapy prolongs the survival of advanced non-small-cell lung cancer patients undergone to an immune-modulating treatment with dose-fractionated cisplatin and metronomic etoposide and bevacizumab (mPEBv). <i>Oncotarget</i> , 2017 , 8, 75904-75913	3.3	18
33	Formation of the Immunosuppressive Microenvironment of Classic Hodgkin Lymphoma and Therapeutic Approaches to Counter It. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
32	t-Butylsarcosinedithiocarbamate gold(III)-based anticancer agents: Design, in vitro biological evaluation and interaction with model biomolecules. <i>Inorganica Chimica Acta</i> , 2012 , 393, 304-317	2.7	17

31	Characterization of anti-CD138 monoclonal antibodies as tools for investigating the molecular polymorphism of syndecan-1 in human lymphoma cells. <i>British Journal of Haematology</i> , 1999 , 104, 152-62	4.5	17
30	The RET receptor tyrosine kinase, but not its specific ligand, GDNF, is preferentially expressed by acute leukaemias of monocytic phenotype and is up-regulated upon differentiation. <i>British Journal of Haematology</i> , 1999 , 105, 225-240	4.5	17
29	. <i>Annals of Oncology</i> , 1997 , 8, 89-96	10.3	17
28	IRF4 is modulated by CD40L and by apoptotic and anti-proliferative signals in Hodgkin lymphoma. <i>British Journal of Haematology</i> , 2010 , 148, 115-8	4.5	16
27	Self-assembling nanoparticles encapsulating zoledronic acid inhibit mesenchymal stromal cells differentiation, migration and secretion of proangiogenic factors and their interactions with prostate cancer cells. <i>Oncotarget</i> , 2017 , 8, 42926-42938	3.3	16
26	The NF- κ B inhibitor DHMEQ decreases survival factors, overcomes the protective activity of microenvironment and synergizes with chemotherapy agents in classical Hodgkin lymphoma. <i>Cancer Letters</i> , 2014 , 349, 26-34	9.9	15
25	Competitive reverse-transcriptase PCR: a useful alternative to northern blotting for quantitative estimation of relative abundances of specific mRNAs in precious samples. <i>Biochemical Journal</i> , 1997 , 325 (Pt 2), 565-7	3.8	14
24	Interleukin-1 and interleukin-2 control granulocyte- and granulocyte-macrophage colony-stimulating factor gene expression and cell proliferation in cultured acute myeloblastic leukemia. <i>International Journal of Cancer</i> , 1990 , 46, 902-7	7.5	14
23	Clinical-grade quality platelet-rich plasma releasate (PRP-R/SRGF) from CaCl ₂ -activated platelet concentrates promoted expansion of mesenchymal stromal cells. <i>Vox Sanguinis</i> , 2016 , 111, 197-205	3.1	13
22	Differential expression of the RET gene in human acute myeloid leukemia. <i>Annals of Hematology</i> , 1998 , 77, 207-10	3	12
21	A novel bcl-1/JH breakpoint from a patient affected by mantle cell lymphoma extends the major translocation cluster. <i>Journal of Pathology</i> , 2002 , 197, 256-63	9.4	12
20	Trabectedin overcomes doxorubicin-resistance, counteracts tumor-immunosuppressive reprogramming of monocytes and decreases xenograft growth in Hodgkin lymphoma. <i>Cancer Letters</i> , 2021 , 500, 182-193	9.9	11
19	Bortezomib down-modulates the survival factor interferon regulatory factor 4 in Hodgkin lymphoma cell lines and decreases the protective activity of Hodgkin lymphoma-associated fibroblasts. <i>Leukemia and Lymphoma</i> , 2014 , 55, 149-59	1.9	10
18	Synthesis, characterization and anticancer activity of gold(III) complexes with (1R,2R)-(1,2-diaminocyclohexane). <i>Polyhedron</i> , 2015 , 102, 773-781	2.7	10
17	Adipose-Derived Stem Cells Primed with Paclitaxel Inhibit Ovarian Cancer Spheroid Growth and Overcome Paclitaxel Resistance. <i>Pharmaceutics</i> , 2020 , 12,	6.4	9
16	Preclinical activity of multiple-target gold(III)-dithiocarbamate peptidomimetics in prostate cancer cells and xenografts. <i>Future Medicinal Chemistry</i> , 2014 , 6, 1249-63	4.1	9
15	Co-expression of CD30 ligand and interleukin 4 (IL-4) receptors by acute myeloid leukaemia blasts is associated with the expansion of IL-4-producing CD30+ normal T cells. <i>British Journal of Haematology</i> , 2002 , 117, 59-69	4.5	9
14	CD30 ligand (CD30L)-expressing acute myeloid leukemias: a new model of paracrine interactions for the regulation of blast cells proliferation. <i>Leukemia and Lymphoma</i> , 1999 , 35, 21-35	1.9	9

13	Immunoaffinity purification of rat liver transketolase: evidence for multiple forms of the enzyme. <i>Archives of Biochemistry and Biophysics</i> , 1986 , 245, 212-9	4.1	8
12	Chemokine receptors as therapeutic tools in Hodgkin lymphoma: CCR4 and beyond. <i>Blood</i> , 2010 , 115, 746-7; author reply 748	2.2	7
11	Biologic and clinical significance of cytokine production in B-cell malignancies. <i>European Journal of Haematology</i> , 1989 , 51, 35-42	3.8	6
10	In Ovarian Cancer Multicellular Spheroids, Platelet Releasate Promotes Growth, Expansion of ALDH+ and CD133+ Cancer Stem Cells, and Protection against the Cytotoxic Effects of Cisplatin, Carboplatin and Paclitaxel. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
9	The role of interleukin-3 and stem cell factor in classical Hodgkin disease. <i>Blood</i> , 2003 , 101, 376-7	2.2	5
8	Analogues of a Natural Peptaibol Exert Anticancer Activity in Both Cisplatin- and Doxorubicin-Resistant Cells and in Multicellular Tumor Spheroids. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
7	Interleukin-3 receptors in Hodgkin's disease. <i>American Journal of Pathology</i> , 2003 , 162, 355-6; author reply 356-7	5.8	3
6	Antiproliferative and apoptotic effects of two new Pd(II) methylsarcosinedithiocarbamate derivatives on human acute myeloid leukemia cells in vitro. <i>Oncology Research</i> , 2008 , 17, 103-13	4.8	3
5	In classical Hodgkin lymphoma the combination of the CCR5 antagonist maraviroc with trabectedin synergizes, enhances DNA damage and decreases 3D tumor-stroma heterospheroid viability. <i>Haematologica</i> , 2021 ,	6.6	2
4	In Vitro Cellular Systems for Studying OC Function and Differentiation : Primary OC Cultures and the FLG 29.1 Model. <i>Methods in Molecular Medicine</i> , 1996 , 2, 277-306		1
3	Reed-Sternberg Cells of Classical Hodgkin's Disease React With the Plasma Cell-Specific Monoclonal Antibody B-B4 and Express Human Syndecan-1. <i>Blood</i> , 1997 , 89, 3787-3794	2.2	1
2	Molecular Determinants of Bendamustine (BDM) Toxicity towards Hodgkin (H) and Reed-Sternberg (RS) Cell Lines From Hodgkin Lymphoma (HL).. <i>Blood</i> , 2012 , 120, 2763-2763	2.2	
1	Current and Emerging Approaches to Study Microenvironmental Interactions and Drug Activity in Classical Hodgkin Lymphoma. <i>Cancers</i> , 2022 , 14, 2427	6.6	