Martine Amiot

List of Publications by Year
in descending order

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79 papers	5,186 citations	87843 38 h-index	88593 70 g-index
79 all docs	79 docs citations	79 times ranked	6122 citing authors

#	Article	IF	Citations
1	Efficacy of venetoclax as targeted therapy for relapsed/refractory t(11;14) multiple myeloma. Blood, 2017, 130, 2401-2409.	0.6	403
2	Antisense strategy shows that Mcl-1 rather than Bcl-2 or Bcl-xL is an essential survival protein of human myeloma cells. Blood, 2002, 100, 194-199.	0.6	387
3	The Bcl-2 specific BH3 mimetic ABT-199: a promising targeted therapy for t(11;14) multiple myeloma. Leukemia, 2014, 28, 210-212.	3.3	244
4	IL-6 up-regulates Mcl-1 in human myeloma cells through JAKâ€‰/â€‰STAT rather than Rasâ€‰/â€‰MAP kinase pathway. European Journal of Immunology, 1999, 29, 3945-3950.	1.6	232
5	Expression Profile of BCL-2, BCL-XL, and MCL-1 Predicts Pharmacological Response to the BCL-2 Selective Antagonist Venetoclax in Multiple Myeloma Models. Molecular Cancer Therapeutics, 2016, 15, 1132-1144.	1.9	231
6	Noxa Up-regulation and Mcl-1 Cleavage Are Associated to Apoptosis Induction by Bortezomib in Multiple Myeloma. Cancer Research, 2007, 67, 5418-5424.	0.4	210
7	Metalloproteinases in Multiple Myeloma: Production of Matrix Metalloproteinase-9 (MMP-9), Activation of proMMP-2, and Induction of MMP-1 by Myeloma Cells. Blood, 1997, 90, 1649-1655.	0.6	167
8	The phenotype of normal, reactive and malignant plasma cells. Identification of "many and multiple myelomas" and of new targets for myeloma therapy. Haematologica, 2006, 91, 1234-40.	1.7	159
9	VEGF induces Mcl-1 up-regulation and protects multiple myeloma cells against apoptosis. Blood, 2004, 104, 2886-2892.	0.6	147
10	A high-risk signature for patients with multiple myeloma established from the molecular classification of human myeloma cell lines. Haematologica, 2011, 96, 574-582.	1.7	141
11	Mcl-1 and Bcl-xL are co-regulated by IL-6 in human myeloma cells. British Journal of Haematology, 1999, 107, 392-395.	1.2	136
12	PRIMA-1Met induces myeloma cell death independent of p53 by impairing the GSH/ROS balance. Blood, 2014, 124, 1626-1636.	0.6	134
13	Targeting Bcl-2 for the treatment of multiple myeloma. Leukemia, 2018, 32, 1899-1907.	3.3	109
14	ABT-737 is highly effective against molecular subgroups of multiple myeloma. Blood, 2011, 118, 3901-3910.	0.6	106
15	Found in Translation: How Preclinical Research Is Guiding the Clinical Development of the BCL2-Selective Inhibitor Venetoclax. Cancer Discovery, 2017, 7, 1376-1393.	7.7	105
16	Hypoxia-inducible factor (HIF)-1Î± suppression in myeloma cells blocks tumoral growth in vivo inhibiting angiogenesis and bone destruction. Leukemia, 2013, 27, 1697-1706.	3.3	104
17	S55746 is a novel orally active BCL-2 selective and potent inhibitor that impairs hematological tumor growth. Oncotarget, 2018, 9, 20075-20088.	0.8	82
18	The imbalance between Bim and Mcl-1 expression controls the survival of human myeloma cells. European Journal of Immunology, 2004, 34, 3156-3164.	1.6	81

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19	Rational targeted therapies to overcome microenvironment-dependent expansion of mantle cell lymphoma. Blood, 2016, 128, 2808-2818.	0.6	78
20	Disruption of IRE1Î± through its kinase domain attenuates multiple myeloma. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16420-16429.	3.3	78
21	Noxa controls Mule-dependent Mcl-1 ubiquitination through the regulation of the Mcl-1/USP9X interaction. Biochemical and Biophysical Research Communications, 2011, 413, 460-464.	1.0	71
22	Biological rational for sequential targeting of Bruton tyrosine kinase and Bcl-2 to overcome CD40-induced ABT-199 resistance in mantle cell lymphoma. Oncotarget, 2015, 6, 8750-8759.	0.8	70
23	Melphalan-induced apoptosis in multiple myeloma cells is associated with a cleavage of Mcl-1 and Bim and a decrease in the Mcl-1/Bim complex. Oncogene, 2005, 24, 8076-8079.	2.6	62
24	Exploiting the pro-apoptotic function of NOXA as a therapeutic modality in cancer. Expert Opinion on Therapeutic Targets, 2017, 21, 767-779.	1.5	62
25	Endogenous association of Bim BH3-only protein with Mcl-1, Bcl-xL and Bcl-2 on mitochondria in human B cells. European Journal of Immunology, 2005, 35, 971-976.	1.6	60
26	Mcl-1L cleavage is involved in TRAIL-R1â€“ and TRAIL-R2â€“mediated apoptosis induced by HGS-ETR1 and HGS-ETR2 human mAbs in myeloma cells. Blood, 2006, 108, 1346-1352.	0.6	59
27	TLR3 Ligand Induces NF-ÎºB Activation and Various Fates of Multiple Myeloma Cells Depending on IFN-Î± Production. Journal of Immunology, 2009, 182, 4471-4478.	0.4	59
28	Cell Death via DR5, but not DR4, Is Regulated by p53 in Myeloma Cells. Cancer Research, 2012, 72, 4562-4573.	0.4	58
29	BH3-mimetic toolkit guides the respective use of BCL2 and MCL1 BH3-mimetics in myeloma treatment. Blood, 2018, 132, 2656-2669.	0.6	57
30	Phase I study of the anti insulin-like growth factor 1 receptor (IGF-1R) monoclonal antibody, AVE1642, as single agent and in combination with bortezomib in patients with relapsed multiple myeloma. Leukemia, 2011, 25, 872-874.	3.3	56
31	BCL2-Family Dysregulation in B-Cell Malignancies: From Gene Expression Regulation to a Targeted Therapy Biomarker. Frontiers in Oncology, 2018, 8, 645.	1.3	53
32	ABT-737 Induces Apoptosis in Mantle Cell Lymphoma Cells with a Bcl-2high/Mcl-1low Profile and Synergizes with Other Antineoplastic Agents. Clinical Cancer Research, 2011, 17, 5973-5981.	3.2	50
33	p53 dysregulation in B-cell malignancies: More than a single gene in the pathway to hell. Blood Reviews, 2017, 31, 251-259.	2.8	47
34	The cap-translation inhibitor 4EGI-1 induces apoptosis in multiple myeloma through Noxa induction. British Journal of Cancer, 2012, 106, 1660-1667.	2.9	46
35	The gp 130 family cytokines ILâ€6, LIF and OSM but not ILâ€11 can reverse the antiâ€proliferative effect of dexamethasone on human myeloma cells. British Journal of Haematology, 1995, 90, 707-710.	1.2	45
36	CSF1R and BTK inhibitions as novel strategies to disrupt the dialog between mantle cell lymphoma and macrophages. Leukemia, 2019, 33, 2442-2453.	3.3	45

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37	Interferon Î± extends the survival of human myeloma cells through an upregulation of the Mcl-1 anti-apoptotic molecule. British Journal of Haematology, 2001, 112, 358-363.	1.2	44
38	Deep and sustained response after venetoclax therapy in a patient with very advanced refractory myeloma with translocation t(11;14). Haematologica, 2017, 102, e112-e114.	1.7	43
39	IL-21 Stimulates Human Myeloma Cell Growth through an Autocrine IGF-1 Loop. Journal of Immunology, 2008, 181, 6837-6842.	0.4	40
40	Whole-exon sequencing of human myeloma cell lines shows mutations related to myeloma patients at relapse with major hits in the DNA regulation and repair pathways. Journal of Hematology and Oncology, 2018, 11, 137.	6.9	36
41	The Magnitude of Akt/Phosphatidylinositol 3â€²-Kinase Proliferating Signaling Is Related to CD45 Expression in Human Myeloma Cells. Journal of Immunology, 2004, 173, 4953-4959.	0.4	35
42	CD45neg but Not CD45pos Human Myeloma Cells Are Sensitive to the Inhibition of IGF-1 Signaling by a Murine Anti-IGF-1R Monoclonal Antibody, mAVE1642. Journal of Immunology, 2006, 177, 4218-4223.	0.4	33
43	Protein kinase C Î´ and Î· isoenzymes control the shedding of the interleukin 6 receptor Î± in myeloma cells. Biochemical Journal, 2001, 358, 193-200.	1.7	32
44	SOLUBLE IL-6RÎ± UPREGULATES IL-6, MMP-1 AND MMP-2 SECRETION IN BONE MARROW STROMAL CELLS. Cytokine, 2000, 12, 1426-1429.	1.4	31
45	Dual targeting of BCL2 and MCL1 rescues myeloma cells resistant to BCL2 and MCL1 inhibitors associated with the formation of BAX/BAK hetero-complexes. Cell Death and Disease, 2020, 11, 316.	2.7	31
46	Dexamethasone-induced cell death is restricted to specific molecular subgroups of multiple myeloma. Oncotarget, 2015, 6, 26922-26934.	0.8	29
47	BH3-only protein Bik is involved in both apoptosis induction and sensitivity to oxidative stress in multiple myeloma. British Journal of Cancer, 2010, 103, 1808-1814.	2.9	28
48	IL-6 UPREGULATES ITS OWN RECEPTOR ON SOME HUMAN MYELOMA CELL LINES. Cytokine, 2001, 14, 352-356.	1.4	27
49	Venetoclax Monotherapy for Relapsed/Refractory Multiple Myeloma: Safety and Efficacy Results from a Phase I Study. Blood, 2016, 128, 488-488.	0.6	27
50	Reciprocal protection of Mcl-1 and Bim from ubiquitin-proteasome degradation. Biochemical and Biophysical Research Communications, 2007, 361, 865-869.	1.0	26
51	<scp>BH</scp>3 profiling as a tool to identify acquired resistance to venetoclax in multiple myeloma. British Journal of Haematology, 2017, 179, 684-688.	1.2	26
52	TLR9 Ligand Induces the Generation of CD20+ Plasmablasts and Plasma Cells from CD27+ Memory B-Cells. Frontiers in Immunology, 2011, 2, 83.	2.2	25
53	The peripheral CD138⁺ population but not the CD138^{â^'} population contains myeloma clonogenic cells in plasma cell leukaemia patients. British Journal of Haematology, 2012, 156, 679-683.	1.2	25
54	Critical role of the NOTCH ligand JAG2 in self-renewal of myeloma cells. Blood Cells, Molecules, and Diseases, 2012, 48, 247-253.	0.6	24

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55	Apoptotic Machinery Diversity in Multiple Myeloma Molecular Subtypes. Frontiers in Immunology, 2013, 4, 467.	2.2	24
56	BCL-B (BCL2L10) is overexpressed in patients suffering from multiple myeloma (MM) and drives an MM-like disease in transgenic mice. Journal of Experimental Medicine, 2016, 213, 1705-1722.	4.2	24
57	Crucial role of phosphatase CD45 in determining signaling and proliferation of human myeloma cells. European Cytokine Network, 2007, 18, 120-6.	1.1	23
58	Protein kinase C Î´ and Î· isoenzymes control the shedding of the interleukin 6 receptor Î± in myeloma cells. Biochemical Journal, 2001, 358, 193.	1.7	22
59	The imbalance between Survivin and Bim mediates tumour growth and correlates with poor survival in patients with multiple myeloma. British Journal of Haematology, 2009, 145, 180-189.	1.2	22
60	Autocrine insulin-like growth factor 1 and stem cell factor but not interleukin 6 support self-renewal of human myeloma cells. Blood Cancer Journal, 2013, 3, e120-e120.	2.8	22
61	Curcumin induces cell death of the main molecular myeloma subtypes, particularly the poor prognosis subgroups. Cancer Biology and Therapy, 2015, 16, 60-65.	1.5	22
62	Repression of Mcl-1 and disruption of the Mcl-1/Bak interaction inÂmyeloma cells couple ER stress to mitochondrial apoptosis. Cancer Letters, 2016, 383, 204-211.	3.2	22
63	Bendamustine and melphalan kill myeloma cells similarly through reactive oxygen species production and activation of the p53 pathway and do not overcome resistance to each other. Leukemia and Lymphoma, 2014, 55, 2165-2173.	0.6	20
64	Intermolecular complexes between three human CD1 molecules on normal thymus cells. Immunogenetics, 1988, 27, 187-195.	1.2	19
65	RITA (Reactivating p53 and Inducing Tumor Apoptosis) is efficient against TP53 abnormal myeloma cells independently of the p53 pathway. BMC Cancer, 2014, 14, 437.	1.1	19
66	Cereblon expression in multiple myeloma: not ready for prime time. British Journal of Haematology, 2013, 163, 282-284.	1.2	18
67	p53 regulates CD46 expression and measles virus infection in myeloma cells. Blood Advances, 2018, 2, 3492-3505.	2.5	17
68	Paradoxical effect of lenalidomide on cytokine/growth factor profiles in multiple myeloma. British Journal of Cancer, 2013, 108, 1801-1806.	2.9	16
69	A simple flow cytometryâ€based barcode for routine authentication of multiple myeloma and mantle cell lymphoma cell lines. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 285-288.	1.1	16
70	Targeting Oxidative Stress With Auranofin or Prima-1Met to Circumvent p53 or Bax/Bak Deficiency in Myeloma Cells. Frontiers in Oncology, 2019, 9, 128.	1.3	14
71	Mclâ€‹ ^{128â€“350} fragment induces apoptosis through direct interaction with Bax. FEBS Letters, 2010, 584, 487-492.	1.3	12
72	Combination of lenalidomide with vitamin D3 induces apoptosis in mantle cell lymphoma via demethylation of BIK. Cell Death and Disease, 2014, 5, e1389-e1389.	2.7	11

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73	The anti-tumoral effect of lenalidomide is increased in vivo by hypoxia-inducible factor (HIF)-1Â inhibition in myeloma cells. Haematologica, 2016, 101, e107-e110.	1.7	11
74	Safety and Efficacy of Venetoclax (ABT-199/GDC-0199) Monotherapy for Relapsed/Refractory Multiple Myeloma: Phase 1 Preliminary Results. Blood, 2015, 126, 4219-4219.	0.6	11
75	The REFRACT-LYMA cohort study: a French observational prospective cohort study of patients with mantle cell lymphoma. BMC Cancer, 2016, 16, 802.	1.1	7
76	Lack of BRAF V600E mutation in human myeloma cell lines established from myeloma patients with extramedullary disease. Blood Cancer Journal, 2013, 3, e163-e163.	2.8	6
77	The selectivity of Marinopyrrole A to induce apoptosis in <scp>MCL</scp>1^{high}<scp>BCL</scp>2^{low} expressing myeloma cells is related to its ability to impair protein translation. British Journal of Haematology, 2018, 180, 157-159.	1.2	6
78	The MYRACLE protocol study: a multicentric observational prospective cohort study of patients with multiple myeloma. BMC Cancer, 2019, 19, 855.	1.1	5
79	Decitabine and Melphalan Fail to Reactivate p73 in p53 Deficient Myeloma Cells. International Journal of Molecular Sciences, 2018, 19, 40.	1.8	1