

# Veronique Maguer-Satta

## List of Publications by Year in descending order

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70  
papers

2,487  
citations

185998

28  
h-index

205818

48  
g-index

76  
all docs

76  
docs citations

76  
times ranked

4135  
citing authors

#	ARTICLE	IF	CITATIONS
1	A minimal standardized human bone marrow microphysiological system to assess resident cell behavior during normal and pathological processes. <i>Biomaterials Science</i> , 2022, 10, 485-498.	2.6	1
2	The differential role of the lipid raft-associated protein flotillin 2 for progression of myeloid leukemia. <i>Blood Advances</i> , 2022, 6, 3611-3624.	2.5	6
3	Deciphering Tumor Niches: Lessons From Solid and Hematological Malignancies. <i>Frontiers in Immunology</i> , 2021, 12, 766275.	2.2	13
4	ANTIMETABOLIC COOPERATIVITY WITH THE CLINICALLY-APPROVED L-ASPARAGINASE AND TYROSINE KINASE INHIBITORS TO ERADICATE CML STEM CELLS. <i>Molecular Metabolism</i> , 2021, 55, 101410.	3.0	3
5	Altered BMP2/4 Signaling in Stem Cells and Their Niche: Different Cancers but Similar Mechanisms, the Example of Myeloid Leukemia and Breast Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 787989.	1.8	6
6	A new agarose-based microsystem to investigate cell response to prolonged confinement. <i>Lab on A Chip</i> , 2020, 20, 4016-4030.	3.1	8
7	Single-cell analysis of autophagy activity in normal and de novo transformed human mammary cells. <i>Scientific Reports</i> , 2020, 10, 20266.	1.6	2
8	Long-Term Exposure of Early-Transformed Human Mammary Cells to Low Doses of Benzo[a]pyrene and/or Bisphenol A Enhances Their Cancerous Phenotype via an AhR/GPR30 Interplay. <i>Frontiers in Oncology</i> , 2020, 10, 712.	1.3	13
9	The current paradigm and challenges ahead for the dormancy of disseminated tumor cells. <i>Nature Cancer</i> , 2020, 1, 672-680.	5.7	132
10	Bone marrow niche-derived extracellular matrix-degrading enzymes influence the progression of B-cell acute lymphoblastic leukemia. <i>Leukemia</i> , 2020, 34, 1540-1552.	3.3	46
11	The quiescent fraction of chronic myeloid leukemic stem cells depends on BMPR1B, Stat3 and BMP4-niche signals to persist in patients in remission. <i>Haematologica</i> , 2020, 106, 111-122.	1.7	22
12	Targeting BMP signaling in the bone marrow microenvironment of myeloid leukemia. <i>Biochemical Society Transactions</i> , 2020, 48, 411-418.	1.6	14
13	Early Steps of Mammary Stem Cell Transformation by Exogenous Signals; Effects of Bisphenol Endocrine Disrupting Chemicals and Bone Morphogenetic Proteins. <i>Cancers</i> , 2019, 11, 1351.	1.7	9
14	Downregulation of the histone methyltransferase SETD2 promotes imatinib resistance in chronic myeloid leukaemia cells. <i>Cell Proliferation</i> , 2019, 52, e12611.	2.4	11
15	The BMP pathway: A unique tool to decode the origin and progression of leukemia. <i>Experimental Hematology</i> , 2018, 61, 36-44.	0.2	33
16	Targeting BCR-ABL-Independent TKI Resistance in Chronic Myeloid Leukemia by mTOR and Autophagy Inhibition. <i>Journal of the National Cancer Institute</i> , 2018, 110, 467-478.	3.0	76
17	A new signaling cascade linking BMP4, BMPR1A, $\beta$ -Np73 and NANOG impacts on stem-like human cell properties and patient outcome. <i>Cell Death and Disease</i> , 2018, 9, 1011.	2.7	28
18	Developmental and cancer-associated plasticity of DNA replication preferentially targets GC-poor, lowly expressed and late-replicating regions. <i>Nucleic Acids Research</i> , 2018, 46, 10157-10172.	6.5	30

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19	The critical role of the <scp>ZNF217</scp> oncogene in promoting breast cancer metastasis to the bone. <i>Journal of Pathology</i> , 2017, 242, 73-89.	2.1	42
20	Immature CML cells implement a BMP autocrine loop to escape TKI treatment. <i>Blood</i> , 2017, 130, 2860-2871.	0.6	35
21	Long-term exposure to bisphenol A or benzo(a)pyrene alters the fate of human mammary epithelial stem cells in response to BMP2 and BMP4, by pre-activating BMP signaling. <i>Cell Death and Differentiation</i> , 2017, 24, 155-166.	5.0	39
22	Stem cell manipulation, gene therapy and the risk of cancer stem cell emergence. <i>Stem Cell Investigation</i> , 2017, 4, 67-67.	1.3	30
23	T3151+ tyrosine-kinase independent CML cells resistance. <i>Oncotarget</i> , 2017, 8, 43600-43601.	0.8	1
24	Blocking TGF- $\beta$ 2 and BMP SMAD-dependent cell differentiation is a master key to expand all kinds of epithelial stem cells. <i>Stem Cell Investigation</i> , 2016, 3, 88-88.	1.3	8
25	Enlightening intracellular complexity of living cells with quantitative phase microscopy. , 2016, , .		3
26	BMP2, a key to uncover luminal breast cancer origin linked to pollutant effects on epithelial stem cells niche. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1026527.	0.3	13
27	Disequilibrium of BMP2 Levels in the Breast Stem Cell Niche Launches Epithelial Transformation by Overamplifying BMPRII Cell Response. <i>Stem Cell Reports</i> , 2015, 4, 239-254.	2.3	54
28	Nilotinib and peginterferon alfa-2a for newly diagnosed chronic-phase chronic myeloid leukaemia (NiloPeg): a multicentre, non-randomised, open-label phase 2 study. <i>Lancet Haematology</i> , the, 2015, 2, e37-e46.	2.2	45
29	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. <i>Carcinogenesis</i> , 2015, 36, S254-S296.	1.3	239
30	The effect of environmental chemicals on the tumor microenvironment. <i>Carcinogenesis</i> , 2015, 36, S160-S183.	1.3	97
31	Local Mitochondrial-Endolysosomal Microfusion Cleaves Voltage-Dependent Anion Channel 1 To Promote Survival in Hypoxia. <i>Molecular and Cellular Biology</i> , 2015, 35, 1491-1505.	1.1	40
32	The BMI1 polycomb protein represses cyclin G2-induced autophagy to support proliferation in chronic myeloid leukemia cells. <i>Leukemia</i> , 2015, 29, 1993-2002.	3.3	56
33	Deciphering the internal complexity of living cells with quantitative phase microscopy: a multiscale approach. <i>Journal of Biomedical Optics</i> , 2015, 20, 096005.	1.4	22
34	Quantifying Epithelial Early Common Progenitors from Long-Term Primary or Cell Line Sphere Culture. <i>Current Protocols in Stem Cell Biology</i> , 2015, 35, 1E.7.1-1E.7.8.	3.0	1
35	Primitive CML cell expansion relies on abnormal levels of BMPs provided by the niche and on BMPRII overexpression. <i>Blood</i> , 2013, 122, 3767-3777.	0.6	76
36	The BCR-ABL T315I mutation compromises survival in chronic phase chronic myelogenous leukemia patients resistant to tyrosine kinase inhibitors, in a matched pair analysis. <i>Haematologica</i> , 2013, 98, 1510-1516.	1.7	61

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37	Sex differences in the GSK3 $\beta$ -mediated survival of adherent leukemic progenitors. <i>Oncogene</i> , 2012, 31, 694-705.	2.6	24
38	A Protocol to Quantify Mammary Early Common Progenitors from Long-Term Mammosphere Culture. <i>Current Protocols in Stem Cell Biology</i> , 2012, 20, Unit 1E.7.	3.0	5
39	Deregulation of TWIST-1 in the CD34+ compartment represents a novel prognostic factor in chronic myeloid leukemia. <i>Blood</i> , 2011, 117, 1673-1676.	0.6	51
40	Concise Review: Neutral Endopeptidase (CD10): A Multifaceted Environment Actor in Stem Cells, Physiological Mechanisms, and Cancer. <i>Stem Cells</i> , 2011, 29, 389-396.	1.4	151
41	Longitudinal studies of SRC family kinases in imatinib- and dasatinib-resistant chronic myelogenous leukemia patients. <i>Leukemia Research</i> , 2011, 35, 38-43.	0.4	17
42	Genomic characterization of Imatinib resistance in CD34+ cell populations from chronic myeloid leukaemia patients. <i>Leukemia Research</i> , 2011, 35, 448-458.	0.4	17
43	CD10: A tool to crack the role of stem cells in breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E1264-E1264.	3.3	7
44	TP63 P2 promoter functional analysis identifies $\beta$ -catenin as a key regulator of $\beta$ -Np63 expression. <i>Oncogene</i> , 2011, 30, 4656-4665.	2.6	26
45	The CD10 Enzyme Is a Key Player to Identify and Regulate Human Mammary Stem Cells. <i>Stem Cells</i> , 2010, 28, 1081-1088.	1.4	72
46	Cancer Stem Cells: The Emerging Challenge of Drug Targeting. <i>Current Medicinal Chemistry</i> , 2009, 16, 394-416.	1.2	64
47	Preferential sensitivity of hematopoietic (HPs) and mesenchymal (MPs) progenitors to fludarabine suggests impaired bone marrow niche and HP mobilization. <i>Leukemia</i> , 2008, 22, 2131-2134.	3.3	16
48	BMP4 regulation of human megakaryocytic differentiation is involved in thrombopoietin signaling. <i>Blood</i> , 2008, 112, 3154-3163.	0.6	47
49	A novel role for fibronectin type I domain in the regulation of human hematopoietic cell adhesiveness through binding to follistatin domains of FLRG and follistatin. <i>Experimental Cell Research</i> , 2006, 312, 434-442.	1.2	24
50	FLRG, a new ADAM12-associated protein, modulates osteoclast differentiation. <i>Biology of the Cell</i> , 2005, 97, 577-588.	0.7	24
51	Follistatin-related gene expression, but not follistatin expression, is decreased in human endometrial adenocarcinoma. <i>European Journal of Endocrinology</i> , 2004, 151, 251-257.	1.9	20
52	Human endometrium and decidua express follistatin-related gene (FLRG) mRNA and peptide. <i>Molecular and Cellular Endocrinology</i> , 2004, 218, 129-135.	1.6	21
53	FLRG, member of the follistatin family, a new player in hematopoiesis. <i>Molecular and Cellular Endocrinology</i> , 2004, 225, 109-118.	1.6	36
54	In vitro Use of Primary Human Hematopoietic Cells as a Model to Investigate the Regulation of Erythropoiesis. <i>Transfusion Medicine and Hemotherapy</i> , 2004, 31, 33-40.	0.7	4

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55	Human placenta and fetal membranes express follistatin-related gene mRNA and protein. <i>Journal of Endocrinological Investigation</i> , 2003, 26, 641-645.	1.8	29
56	Regulation of human erythropoiesis by activin A, BMP2, and BMP4, members of the TGF $\beta$ 2 family. <i>Experimental Cell Research</i> , 2003, 282, 110-120.	1.2	89
57	Recurrent involvement of the MLL gene in adult T-lineage acute lymphoblastic leukemia. <i>Blood</i> , 2002, 99, 4647-4649.	0.6	42
58	Transcription activation of FLRG and follistatin by activin A, through Smad proteins, participates in a negative feedback loop to modulate activin A function. <i>Oncogene</i> , 2002, 21, 2227-2235.	2.6	79
59	FLRG, an activin-binding protein, is a new target of TGF $\beta$ 2 transcription activation through Smad proteins. <i>Oncogene</i> , 2001, 20, 5409-5419.	2.6	42
60	During hematopoiesis, expression of FLRG, a novel activin A ligand, is regulated by TGF $\beta$ 2. <i>Experimental Hematology</i> , 2001, 29, 301-308.	0.2	47
61	Evidence that ceramide mediates the ability of tumor necrosis factor to modulate primitive human hematopoietic cell fates. <i>Blood</i> , 2000, 96, 4118-4123.	0.6	18
62	Evidence that ceramide mediates the ability of tumor necrosis factor to modulate primitive human hematopoietic cell fates. <i>Blood</i> , 2000, 96, 4118-4123.	0.6	3
63	Rapid analysis and efficient selection of human transduced primitive hematopoietic cells using the humanized S65T green fluorescent protein. <i>Gene Therapy</i> , 1998, 5, 556-562.	2.3	17
64	BCR-ABL accelerates C2-ceramide-induced apoptosis. <i>Oncogene</i> , 1998, 16, 237-248.	2.6	46
65	Ex Vivo Cytokine Expansion of Peripheral Blood Ph-Negative Cells in Chronic Myeloid Leukaemia. <i>Leukemia and Lymphoma</i> , 1998, 32, 151-157.	0.6	5
66	BCR-ABL expression in different subpopulations of functionally characterized Ph+ CD34+ cells from patients with chronic myeloid leukemia. <i>Blood</i> , 1996, 88, 1796-1804.	0.6	54
67	BCR-ABL expression in different subpopulations of functionally characterized Ph+ CD34+ cells from patients with chronic myeloid leukemia. <i>Blood</i> , 1996, 88, 1796-1804.	0.6	1
68	Human immature thymocytes as target cells of the leukemogenic activity of human T-cell leukemia virus type I. <i>Blood</i> , 1995, 86, 1444-1452.	0.6	23
69	Pancreatic Lymph Nodes are Early Targets of T Cells during Adoptive Transfer of Diabetes in NOD Mice. <i>Journal of Autoimmunity</i> , 1995, 8, 323-334.	3.0	35
70	A Potential New Mechanism for Bisphenol Molecules to Initiate Breast Cancer through Alteration of Bone Morphogenetic Protein Signaling in Stem Cells and Their Microenvironment. , 0, , .		0