Mario P Tschan

List of Publications by Year in Descending Order

115 papers	9,402 citations	34 h-index	96 g-index
116 ext. papers	10,530 ext. citations	5.7 avg, IF	4.85 L-index

#	Paper	IF	Citations
115	Role of cardiolipins, mitochondria, and autophagy in the differentiation process activated by all-trans retinoic acid in acute promyelocytic leukemia.. *Cell Death and Disease*, **2022**, 13, 30	9.8	1
114	Hexokinase 3 enhances myeloid cell survival via non-glycolytic functions.. *Cell Death and Disease*, **2022**, 13, 448	9.8	2
113	Chaperone-Mediated Autophagy Markers LAMP2A and HSPA8 in Advanced Non-Small Cell Lung Cancer after Neoadjuvant Therapy. *Cells*, **2021**, 10,	7.9	2
112	Reducing FASN expression sensitizes acute myeloid leukemia cells to differentiation therapy. *Cell Death and Differentiation*, **2021**, 28, 2465-2481	12.7	8
111	ALK inhibition activates LC3B-independent, protective autophagy in EML4-ALK positive lung cancer cells. *Scientific Reports*, **2021**, 11, 9011	4.9	4
110	The Multifaceted Functions of Autophagy in Breast Cancer Development and Treatment. *Cells*, **2021**, 10,	7.9	9
109	Lysosomes in acute myeloid leukemia: potential therapeutic targets?. *Leukemia*, **2021**, 35, 2759-2770	10.7	2
108	Synergistic effects of FGFR1 and PLK1 inhibitors target a metabolic liability in KRAS-mutant cancer. *EMBO Molecular Medicine*, **2021**, 13, e13193	12	4
107	Increased LAMP2A levels correlate with a shorter disease-free survival of HER2 negative breast cancer patients and increased breast cancer cell viability. *Biochemical and Biophysical Research Communications*, **2021**, 569, 47-53	3.4	2
106	Progress and Challenges in The Use of MAP1LC3 as a Legitimate Marker for Measuring Dynamic Autophagy In Vivo. *Cells*, **2020**, 9,	7.9	16
105	Assessing Autophagy in Archived Tissue or How to Capture Autophagic Flux from a Tissue Snapshot. *Biology*, **2020**, 9,	4.9	8
104	Inhibition of UBE2L6 attenuates ISGylation and impedes ATRA-induced differentiation of leukemic cells. *Molecular Oncology*, **2020**, 14, 1297-1309	7.9	3
103	Chaperone-Mediated Autophagy Markers LAMP2A and HSC70 Are Independent Adverse Prognostic Markers in Primary Resected Squamous Cell Carcinomas of the Lung. *Oxidative Medicine and Cellular Longevity*, **2020**, 2020, 8506572	6.7	5
102	The LIM Protein Ajuba Augments Tumor Metastasis in Colon Cancer. *Cancers*, **2020**, 12,	6.6	4
101	Verteporfin-induced lysosomal compartment dysregulation potentiates the effect of sorafenib in hepatocellular carcinoma. *Cell Death and Disease*, **2019**, 10, 749	9.8	34
100	Therapeutic Modulation of Autophagy in Leukaemia and Lymphoma. *Cells*, **2019**, 8,	7.9	23
99	Assessing Autophagy During Retinoid Treatment of Breast Cancer Cells. *Methods in Molecular Biology*, **2019**, 2019, 237-256	1.4	4

98	The Chick Chorioallantoic Membrane (CAM) Assay as a Three-dimensional Model to Study Autophagy in Cancer Cells. *Bio-protocol*, **2019**, 9, e3290	0.9	3
97	The role of autophagy in HER2-targeted therapy. *Swiss Medical Weekly*, **2019**, 149, w20138	3.1	9
96	Low Autophagy (ATG) Gene Expression Is Associated with an Immature AML Blast Cell Phenotype and Can Be Restored during AML Differentiation Therapy. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 1482795	6.7	34
95	A specific expression profile of LC3B and p62 is associated with nonresponse to neoadjuvant chemotherapy in esophageal adenocarcinomas. *PLoS ONE*, **2018**, 13, e0197610	3.7	11
94	Expression Analysis of Autophagy Related Markers LC3B, p62 and HMGB1 Indicate an Autophagy-Independent Negative Prognostic Impact of High p62 Expression in Pulmonary Squamous Cell Carcinomas. *Cancers*, **2018**, 10,	6.6	9
93	Cisplatin sensitivity in breast cancer cells is associated with particular DMTF1 splice variant expression. *Biochemical and Biophysical Research Communications*, **2018**, 503, 2800-2806	3.4	4
92	A Novel PU.1 - Caspase 8/cFLIP Axis in Neutrophil and Macrophage Differentiation of AML Cells. *Blood*, **2018**, 132, 1347-1347	2.2	
91	Hexokinase Proteins Impart Distinct Functions in Myeloid Development and Cell Death. *Blood*, **2018**, 132, 5088-5088	2.2	
90	Elucidating the Non-Catalytic Function of Fatty Acid Synthase and Its Autophagy-Dependent Degradation in Acute Myelocytic Leukemia Differentiation Therapy. *Blood*, **2018**, 132, 2624-2624	2.2	
89	CDX2 in colorectal cancer is an independent prognostic factor and regulated by promoter methylation and histone deacetylation in tumors of the serrated pathway. *Clinical Epigenetics*, **2018**, 10, 120	7.7	24
88	Her2-Targeted Therapy Induces Autophagy in Esophageal Adenocarcinoma Cells. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	16
87	WIPI3 and WIPI4 β-propellers are scaffolds for LKB1-AMPK-TSC signalling circuits in the control of autophagy. *Nature Communications*, **2017**, 8, 15637	17.4	103
86	PU.1 supports TRAIL-induced cell death by inhibiting NF-κB-mediated cell survival and inducing DR5 expression. *Cell Death and Differentiation*, **2017**, 24, 866-877	12.7	16
85	Distinct TP73-DAPK2-ATG5 pathway involvement in ATO-mediated cell death versus ATRA-mediated autophagy responses in APL. *Journal of Leukocyte Biology*, **2017**, 102, 1357-1370	6.5	10
84	The autophagy scaffold protein ALFY is critical for the granulocytic differentiation of AML cells. *Scientific Reports*, **2017**, 7, 12980	4.9	13
83	Autophagy Inhibition Improves Sunitinib Efficacy in Pancreatic Neuroendocrine Tumors via a Lysosome-dependent Mechanism. *Molecular Cancer Therapeutics*, **2017**, 16, 2502-2515	6.1	41
82	MicroRNA-106a targets autophagy and enhances sensitivity of lung cancer cells to Src inhibitors. *Lung Cancer*, **2017**, 107, 73-83	5.9	26
81	Expression analysis of LC3B and p62 indicates intact activated autophagy is associated with an unfavorable prognosis in colon cancer. *Oncotarget*, **2017**, 8, 54604-54615	3.3	34

80	Identification of Novel Death-Associated Protein Kinase 2 Interaction Partners by Proteomic Screening Coupled with Bimolecular Fluorescence Complementation. *Molecular and Cellular Biology* , **2016**, 36, 132-43	4.8	6
79	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
78	The RNA binding proteins RBM38 and DND1 are repressed in AML and have a novel function in APL differentiation. *Leukemia Research*, **2016**, 41, 96-102	2.7	21
77	Prognostic value of the autophagy markers LC3 and p62/SQSTM1 in early-stage non-small cell lung cancer. *Oncotarget*, **2016**, 7, 39544-39555	3.3	68
76	Non-Canonical Autophagy during APL Therapy. *Blood*, **2016**, 128, 1621-1621	2.2	
75	Dissecting the Autophagy Tumor Suppressor Pathway Network in Acute Promyelocytic Leukemia Therapy. *Blood*, **2016**, 128, 1560-1560	2.2	
74	Prognostic relevance of autophagy markers LC3B and p62 in esophageal adenocarcinomas. *Oncotarget*, **2016**, 7, 39241-39255	3.3	35
73	miR-29b Mediates NF-B Signaling in KRAS-Induced Non-Small Cell Lung Cancers. *Cancer Research*, **2016**, 76, 4160-9	10.1	48
72	The granulocyte orphan receptor CEACAM4 is able to trigger phagocytosis of bacteria. *Journal of Leukocyte Biology*, **2015**, 97, 521-31	6.5	11
71	Induction of autophagy is a key component of all-trans-retinoic acid-induced differentiation in leukemia cells and a potential target for pharmacologic modulation. *Experimental Hematology*, **2015**, 43, 781-93.e2	3.1	42
70	Human DMTF1 antagonizes DMTF1 regulation of the p14(ARF) tumor suppressor and promotes cellular proliferation. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2015**, 1849, 1198-208	6	20
69	Thiazolides promote apoptosis in colorectal tumor cells via MAP kinase-induced Bim and Puma activation. *Cell Death and Disease*, **2015**, 6, e1778	9.8	7
68	Impact of p53 Status on Radiosensitization of Tumor Cells by MET Inhibition-Associated Checkpoint Abrogation. *Molecular Cancer Research*, **2015**, 13, 1544-53	6.6	7
67	Linking the SUMO protease SENP5 to neutrophil differentiation of AML cells. *Leukemia Research Reports*, **2015**, 4, 32-5	0.6	3
66	Reliable LC3 and p62 autophagy marker detection in formalin fixed paraffin embedded human tissue by immunohistochemistry. *European Journal of Histochemistry*, **2015**, 59, 2481	2.1	91
65	Low DICER1 expression is associated with attenuated neutrophil differentiation and autophagy of NB4 APL cells. *Journal of Leukocyte Biology*, **2015**, 98, 357-63	6.5	8
64	TWIST1 and TWIST2 promoter methylation and protein expression in tumor stroma influence the epithelial-mesenchymal transition-like tumor budding phenotype in colorectal cancer. *Oncotarget*, **2015**, 6, 874-85	3.3	48
63	p62/SQSTM1 upregulation constitutes a survival mechanism that occurs during granulocytic differentiation of acute myeloid leukemia cells. *Cell Death and Differentiation*, **2014**, 21, 1852-61	12.7	45

62	miR-125b controls apoptosis and temozolomide resistance by targeting TNFAIP3 and NKIRAS2 in glioblastomas. *Cell Death and Disease*, **2014**, 5, e1279	9.8	53
61	Induction of the autophagy-associated gene MAP1S via PU.1 supports APL differentiation. *Leukemia Research*, **2014**, 38, 1041-7	2.7	14
60	Crizotinib inhibits migration and expression of ID1 in MET-positive lung cancer cells: implications for MET targeting in oncology. *Future Oncology*, **2014**, 10, 211-7	3.6	6
59	CEBPA-dependent HK3 and KLF5 expression in primary AML and during AML differentiation. *Scientific Reports*, **2014**, 4, 4261	4.9	21
58	WIPI-dependent autophagy during neutrophil differentiation of NB4 acute promyelocytic leukemia cells. *Cell Death and Disease*, **2014**, 5, e1315	9.8	37
57	Lipid droplet and early autophagosomal membrane targeting of Atg2A and Atg14L in human tumor cells. *Journal of Lipid Research*, **2014**, 55, 1267-78	6.3	41
56	Pro-survival role of p62 during granulocytic differentiation of acute myeloid leukemia cells. *Molecular and Cellular Oncology*, **2014**, 1, e970066	1.2	7
55	The tumor suppressor gene DAPK2 is induced by the myeloid transcription factors PU.1 and C/EBP during granulocytic differentiation but repressed by PML-RAR in APL. *Journal of Leukocyte Biology*, **2014**, 95, 83-93	6.5	14
54	Investigation of IL-23 (p19, p40) and IL-23R identifies nuclear expression of IL-23 p19 as a favorable prognostic factor in colorectal cancer: a retrospective multicenter study of 675 patients. *Oncotarget*, **2014**, 5, 4671-82	3.3	10
53	p73 regulates autophagy and hepatocellular lipid metabolism through a transcriptional activation of the ATG5 gene. *Cell Death and Differentiation*, **2013**, 20, 1415-24	12.7	61
52	Targeting the phosphoinositide 3-kinase p110- isoform impairs cell proliferation, survival, and tumor growth in small cell lung cancer. *Clinical Cancer Research*, **2013**, 19, 96-105	12.9	25
51	Protective autophagy is involved in resistance towards MET inhibitors in human gastric adenocarcinoma cells. *Biochemical and Biophysical Research Communications*, **2013**, 431, 264-9	3.4	28
50	Inhibition of GATE-16 attenuates ATRA-induced neutrophil differentiation of APL cells and interferes with autophagosome formation. *Biochemical and Biophysical Research Communications*, **2013**, 438, 283-8	3.4	24
49	The actin-binding protein CORO1A is a novel PU.1 (SPI1)- and CEBPA-regulated gene with significantly lower expression in APL and CEBPA-mutated AML patients. *British Journal of Haematology*, **2013**, 160, 855-9	4.5	5
48	Antitumor effect of SIRT1 inhibition in human HCC tumor models in vitro and in vivo. *Molecular Cancer Therapeutics*, **2013**, 12, 499-508	6.1	84
47	Inhibition of the miR-143/145 cluster attenuated neutrophil differentiation of APL cells. *Leukemia Research*, **2012**, 36, 237-40	2.7	29
46	Transcriptional regulation of MIR29B by PU.1 (SPI1) and MYC during neutrophil differentiation of acute promyelocytic leukaemia cells. *British Journal of Haematology*, **2012**, 157, 270-4	4.5	13
45	PU.1 is linking the glycolytic enzyme HK3 in neutrophil differentiation and survival of APL cells. *Blood*, **2012**, 119, 4963-70	2.2	38

44	Inhibition of SIRT1 impairs the accumulation and transcriptional activity of HIF-1 protein under hypoxic conditions. *PLoS ONE*, **2012**, 7, e33433	3.7	101
43	The transcription factor encyclopedia. *Genome Biology*, **2012**, 13, R24	18.3	86
42	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
41	Inhibition of damage-regulated autophagy modulator-1 (DRAM-1) impairs neutrophil differentiation of NB4 APL cells. *Leukemia Research*, **2012**, 36, 1552-6	2.7	17
40	MicroRNA-29b is involved in the Src-ID1 signaling pathway and is dysregulated in human lung adenocarcinoma. *Oncogene*, **2012**, 31, 4221-32	9.2	58
39	BIRC6 (APOLLON) is down-regulated in acute myeloid leukemia and its knockdown attenuates neutrophil differentiation. *Experimental Hematology and Oncology*, **2012**, 1, 25	7.8	7
38	MicroRNA-381 represses ID1 and is deregulated in lung adenocarcinoma. *Journal of Thoracic Oncology*, **2012**, 7, 1069-77	8.9	51
37	The stem cell gene "inhibitor of differentiation 1" (ID1) is frequently expressed in non-small cell lung cancer. *Lung Cancer*, **2011**, 71, 306-11	5.9	26
36	CLEC5A (MDL-1) is a novel PU.1 transcriptional target during myeloid differentiation. *Molecular Immunology*, **2011**, 48, 714-9	4.3	27
35	Deregulated expression of Kruppel-like factors in acute myeloid leukemia. *Leukemia Research*, **2011**, 35, 909-13	2.7	40
34	The role of autophagy in anticancer therapy: promises and uncertainties. *Journal of Internal Medicine*, **2010**, 268, 410-8	10.8	32
33	Epigallocatechin-3-gallate induces cell death in acute myeloid leukaemia cells and supports all-trans retinoic acid-induced neutrophil differentiation via death-associated protein kinase 2. *British Journal of Haematology*, **2010**, 149, 55-64	4.5	57
32	The anti-apoptotic gene BCL2A1 is a novel transcriptional target of PU.1. *Leukemia*, **2010**, 24, 1073-6	10.7	22
31	Synergistic induction of cell death in liver tumor cells by TRAIL and chemotherapeutic drugs via the BH3-only proteins Bim and Bid. *Cell Death and Disease*, **2010**, 1, e86	9.8	39
30	NDRG1/2 expression is inhibited in primary acute myeloid leukemia. *Leukemia Research*, **2010**, 34, 393-8	2.7	38
29	The Autophagy Gene ULK1 Plays a Role In AML Differentiation and Is Negatively Regulated by the Oncogenic MicroRNA 106a. *Blood*, **2010**, 116, 503-503	2.2	1
28	Inactivation of the hypermethylated in cancer 1 tumour suppressor--not just a question of promoter hypermethylation?. *Swiss Medical Weekly*, **2010**, 140, w13106	3.1	10
27	Activation of Myeloid Differentiation-Associated Autophagy In Combination with ATRA-Therapy Enhances Neutrophil Differentiation of AML Cells.. *Blood*, **2010**, 116, 1046-1046	2.2	

26	Scavenger chemokine (CXC motif) receptor 7 (CXCR7) is a direct target gene of HIC1 (hypermethylated in cancer 1). *Journal of Biological Chemistry*, **2009**, 284, 20927-35	5.4	55
25	The tumor suppressor gene hypermethylated in cancer 1 is transcriptionally regulated by E2F1. *Molecular Cancer Research*, **2009**, 7, 916-22	6.6	23
24	SIRT1 is downregulated during neutrophil differentiation of acute promyelocytic leukaemia cells. *British Journal of Haematology*, **2009**, 146, 337-41	4.5	9
23	PU.1 binding to the p53 family of tumor suppressors impairs their transcriptional activity. *Oncogene* , **2008**, 27, 3489-93	9.2	21
22	DAPK2 is a novel E2F1/KLF6 target gene involved in their proapoptotic function. *Oncogene*, **2008**, 27, 5706-16	9.2	28
21	The hDMP1 tumor suppressor is a new WT1 target in myeloid leukemias. *Leukemia*, **2008**, 22, 1087-90	10.7	10
20	HIC1 tumour suppressor gene is suppressed in acute myeloid leukaemia and induced during granulocytic differentiation. *British Journal of Haematology*, **2008**, 141, 179-87	4.5	29
19	Modulation of drug resistance by artificial transcription factors. *Molecular Cancer Therapeutics*, **2008**, 7, 688-97	6.1	20
18	Attenuation of EPO-dependent erythroblast formation by death-associated protein kinase-2. *Blood*, **2008**, 112, 886-90	2.2	14
17	Blocking the Autophagy Gene 5 (ATG5) Impairs ATRA-Induced Myeloid Differentiation, and ATG5 Is Downregulated in AML. *Blood*, **2008**, 112, 309-309	2.2	4
16	The death-associated protein kinase 2 is up-regulated during normal myeloid differentiation and enhances neutrophil maturation in myeloid leukemic cells. *Journal of Leukocyte Biology*, **2007**, 81, 1599-608	4.5	39
15	T-cell protection and enrichment through lentiviral CCR5 intrabody gene delivery. *Gene Therapy*, **2006**, 13, 1480-92	4	67
14	Identification of the p53 family-responsive element in the promoter region of the tumor suppressor gene hypermethylated in cancer 1. *Oncogene*, **2006**, 25, 2030-9	9.2	44
13	Development of a Unique siRNA and Intrabody Combinatorial HIV-1 Vector to Knockdown CXCR4 and Protect Cells from HIV-1 Challenge.. *Blood*, **2004**, 104, 1757-1757	2.2	
12	Lentiviral CCR5 Intrabody Gene Delivery Provides Protection and Enrichment during CCR5-Tropic Infection.. *Blood*, **2004**, 104, 1755-1755	2.2	
11	Alternative splicing of the human cyclin D-binding Myb-like protein (hDMP1) yields a truncated protein isoform that alters macrophage differentiation patterns. *Journal of Biological Chemistry*, **2003**, 278, 42750-60	5.4	72
10	Different p16INK4a and p14ARF expression patterns in acute myeloid leukaemia and normal blood leukocytes. *Leukemia and Lymphoma*, **2001**, 42, 1077-87	1.9	16
9	Overexpression of the p73 gene is a novel finding in high-risk B-cell chronic lymphocytic leukemia. *Annals of Oncology*, **2001**, 12, 981-6	10.3	30

8	Differential expression of p73 splice variants and protein in benign and malignant ovarian tumours. *International Journal of Cancer*, **2000**, 88, 66-70	7.5	38
7	Enhanced p73 expression during differentiation and complex p73 isoforms in myeloid leukemia. *Biochemical and Biophysical Research Communications*, **2000**, 277, 62-5	3.4	49
6	Divergent expression of cyclin-dependent kinase inhibitors (CKI) and p14ARF/p16 beta in non-Hodgkin lymphomas and chronic lymphocytic leukemia. *Leukemia and Lymphoma*, **2000**, 37, 639-48	1.9	4
5	Differential expression of p73 splice variants and protein in benign and malignant ovarian tumours **2000**, 88, 66		1
4	The cyclin-dependent kinase inhibitors p18INK4c and p19INK4d are highly expressed in CD34+ progenitor and acute myeloid leukaemic cells but not in normal differentiated myeloid cells. *British Journal of Haematology*, **1999**, 106, 644-51	4.5	21
3	Aberrant FHIT mRNA transcripts are present in malignant and normal haematopoiesis, but absence of FHIT protein is restricted to leukaemia. *Oncogene*, **1999**, 18, 79-85	9.2	19
2	Expression of p16INK4a/p16alpha and p19ARF/p16beta is frequently altered in non-small cell lung cancer and correlates with p53 overexpression. *Oncogene*, **1998**, 17, 2779-85	9.2	100
1	Reducing FASN expression sensitizes acute myeloid leukemia cells to differentiation therapy		2