

# Sabine Hombach-Klonisch

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84  
papers

2,359  
citations

27  
h-index

46  
g-index

89  
ext. papers

2,706  
ext. citations

4.9  
avg, IF

4.52  
L-index

#	Paper	IF	Citations
84	Novel CTRP8-RXFP1-JAK3-STAT3 axis promotes Cdc42-dependent actin remodeling for enhanced filopodia formation and motility in human glioblastoma cells. <i>Molecular Oncology</i> , <b>2021</b> ,	7.9	3
83	Slow Off-Rate Modified Aptamer (SOMAmer) Proteomic Analysis of Patient-Derived Malignant Glioma Identifies Distinct Cellular Proteomes. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
82	Simvastatin increases temozolomide-induced cell death by targeting the fusion of autophagosomes and lysosomes. <i>FEBS Journal</i> , <b>2020</b> , 287, 1005-1034	5.7	45
81	Claudin 1 Is Highly Upregulated by PKC in MCF7 Human Breast Cancer Cells and Correlates Positively with PKC $\beta$ in Patient Biopsies. <i>Translational Oncology</i> , <b>2019</b> , 12, 561-575	4.9	10
80	Emerging roles for the relaxin/RXFP1 system in cancer therapy. <i>Molecular and Cellular Endocrinology</i> , <b>2019</b> , 487, 85-93	4.4	10
79	Modulation of Wnt/ $\beta$ -catenin signaling promotes blood-brain barrier phenotype in cultured brain endothelial cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 19718	4.9	35
78	Unlocking bone for proteomic analysis and FISH. <i>Laboratory Investigation</i> , <b>2019</b> , 99, 708-721	5.9	2
77	HMGA2 as a functional antagonist of PARP1 inhibitors in tumor cells. <i>Molecular Oncology</i> , <b>2019</b> , 13, 153-170	4.9	14
76	Autophagy modulates transforming growth factor beta 1 induced epithelial to mesenchymal transition in non-small cell lung cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2018</b> , 1865, 749-768	4.9	46
75	Inhibition of Autophagy by Mevalonate Pathway Inhibitors, a New Therapeutic Approach to sensitize Glioblastoma Cells to Temozolomide Induced Apoptosis. <i>FASEB Journal</i> , <b>2018</b> , 32, 533.41	0.9	2
74	Glioblastoma and chemoresistance to alkylating agents: Involvement of apoptosis, autophagy, and unfolded protein response. <i>Pharmacology &amp; Therapeutics</i> , <b>2018</b> , 184, 13-41	13.9	161
73	A radial microfluidic platform for higher throughput chemotaxis studies with individual gradient control. <i>Lab on A Chip</i> , <b>2018</b> , 18, 3855-3864	7.2	23
72	Statins: a new approach to combat temozolomide chemoresistance in glioblastoma. <i>Journal of Investigative Medicine</i> , <b>2018</b> , 66, 1083-1087	2.9	19
71	Maternal smoking and high BMI disrupt thyroid gland development. <i>BMC Medicine</i> , <b>2018</b> , 16, 194	11.4	14
70	C1q/TNF-related peptide 8 (CTRP8) promotes temozolomide resistance in human glioblastoma. <i>Molecular Oncology</i> , <b>2018</b> , 12, 1464-1479	7.9	8
69	Dovitinib enhances temozolomide efficacy in glioblastoma cells. <i>Molecular Oncology</i> , <b>2017</b> , 11, 1078-1098	8.9	18
68	Mevalonate Cascade Inhibition by Simvastatin Induces the Intrinsic Apoptosis Pathway via Depletion of Isoprenoids in Tumor Cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 44841	4.9	69

67	Structural commonality of C1q TNF-related proteins and their potential to activate relaxin/insulin-like family peptide receptor 1 signalling pathways in cancer cells. <i>British Journal of Pharmacology</i> , <b>2017</b> , 174, 1025-1033	8.6	20
66	Population-based analysis of breast cancer treatment by intrinsic sub-type in Manitoba, Canada. <i>Cancer Epidemiology</i> , <b>2016</b> , 45, 82-90	2.8	3
65	Biodistribution of negatively charged iron oxide nanoparticles (IONPs) in mice and enhanced brain delivery using lysophosphatidic acid (LPA). <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2016</b> , 12, 1775-1784	6	20
64	High Mobility Group A2 protects cancer cells against telomere dysfunction. <i>Oncotarget</i> , <b>2016</b> , 7, 12761-823	3.3	15
63	Platinum (IV) coiled coil nanotubes selectively kill human glioblastoma cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2015</b> , 11, 913-25	6	13
62	RXFP1 is Targeted by Complement C1q Tumor Necrosis Factor-Related Factor 8 in Brain Cancer. <i>Frontiers in Endocrinology</i> , <b>2015</b> , 6, 127	5.7	12
61	RAGE Mediates the Pro-Migratory Response of Extracellular S100A4 in Human Thyroid Cancer Cells. <i>Thyroid</i> , <b>2015</b> , 25, 514-27	6.2	24
60	Gesture-controlled interactive three dimensional anatomy: a novel teaching tool in head and neck surgery. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , <b>2014</b> , 43, 38	5.4	4
59	Mechanisms of therapeutic resistance in cancer (stem) cells with emphasis on thyroid cancer cells. <i>Frontiers in Endocrinology</i> , <b>2014</b> , 5, 37	5.7	28
58	Targeting oncofetal high mobility group A2 (HMGA2) to increase sensitivity to temozolomide (TMZ) in glioblastoma (GB) cells. <i>Canadian Journal of Neurological Sciences</i> , <b>2014</b> , 41, S3-S4	1	1
57	Three-dimensional telomere dynamics in follicular thyroid cancer. <i>Thyroid</i> , <b>2014</b> , 24, 296-304	6.2	7
56	Elevated urinary CCL2: Cr at 6 months is associated with renal allograft interstitial fibrosis and inflammation at 24 months. <i>Transplantation</i> , <b>2014</b> , 98, 39-46	1.8	28
55	C1q-tumour necrosis factor-related protein 8 (CTRP8) is a novel interaction partner of relaxin receptor RXFP1 in human brain cancer cells. <i>Journal of Pathology</i> , <b>2013</b> , 231, 466-79	9.4	24
54	HMGA2 inhibits apoptosis through interaction with ATR-CHK1 signaling complex in human cancer cells. <i>Neoplasia</i> , <b>2013</b> , 15, 263-80	6.4	45
53	Peri-conceptual changes in maternal exposure to sewage sludge chemicals disturbs fetal thyroid gland development in sheep. <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 367, 98-108	4.4	14
52	Murine hyaluronidase 2 deficiency results in extracellular hyaluronan accumulation and severe cardiopulmonary dysfunction. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 520-8	5.4	48
51	Three-dimensional nuclear telomere architecture changes during endometrial carcinoma development. <i>Genes Chromosomes and Cancer</i> , <b>2013</b> , 52, 716-32	5	6
50	INSL5 is a novel marker for human enteroendocrine cells of the large intestine and neuroendocrine tumours. <i>Oncology Reports</i> , <b>2013</b> , 29, 149-54	3.5	21

49	S100A4 signaling in thyroid cancer. <i>FASEB Journal</i> , <b>2013</b> , 27, 523.10	0.9	
48	HMGA2 inhibits apoptosis through interaction with ATR/CHK1 signaling complex in human cancer cells. <i>FASEB Journal</i> , <b>2013</b> , 27, 471.2	0.9	
47	INSL5-deficient mice display an alteration in glucose homeostasis and an impaired fertility. <i>Endocrinology</i> , <b>2012</b> , 153, 4655-65	4.8	48
46	Characterisation of an in vitro system to study maternal communication with spermatozoa. <i>Reproduction, Fertility and Development</i> , <b>2012</b> , 24, 988-98	1.8	8
45	Relaxin enhances the collagenolytic activity and in vitro invasiveness by upregulating matrix metalloproteinases in human thyroid carcinoma cells. <i>Molecular Cancer Research</i> , <b>2011</b> , 9, 673-87	6.6	21
44	Estrogen-independent actions of environmentally relevant AhR-agonists in human endometrial epithelial cells. <i>Molecular Human Reproduction</i> , <b>2011</b> , 17, 115-26	4.4	16
43	Relaxin enhances S100A4 and promotes growth of human thyroid carcinoma cell xenografts. <i>Molecular Cancer Research</i> , <b>2010</b> , 8, 494-506	6.6	20
42	Nuclear imaging in three dimensions: a unique tool in cancer research. <i>Annals of Anatomy</i> , <b>2010</b> , 192, 292-301	2.9	9
41	Expression and function of Toll-like receptors in human endometrial epithelial cell lines. <i>Journal of Reproductive Immunology</i> , <b>2010</b> , 84, 41-51	4.2	35
40	INSL3 has tumor-promoting activity in thyroid cancer. <i>International Journal of Cancer</i> , <b>2010</b> , 127, 521-31	7.5	27
39	Cardiac Manifestations in Hyaluronidase 2 KnockOut (KO) Mice. <i>FASEB Journal</i> , <b>2010</b> , 24, 1029.9	0.9	
38	Retinoic acid-mediated down-regulation of ENO1/MBP-1 gene products caused decreased invasiveness of the follicular thyroid carcinoma cell lines. <i>Journal of Molecular Endocrinology</i> , <b>2009</b> , 42, 249-60	4.5	31
37	Differential expression and regulation of nuclear oligomerization domain proteins NOD1 and NOD2 in human endometrium: a potential role in innate immune protection and menstruation. <i>Molecular Human Reproduction</i> , <b>2009</b> , 15, 311-9	4.4	37
36	Lysosomal acid hydrolases of the cathepsin family are novel targets of INSL3 in human thyroid carcinoma cells. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1160, 361-6	6.5	11
35	Estrogen and TCDD influence RLN2 gene activity in estrogen receptor-positive human breast cancer cells. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1160, 367-73	6.5	8
34	Thyroid stem cells and cancer. <i>Thyroid</i> , <b>2009</b> , 19, 1303-15	6.2	41
33	Relaxin reduces xenograft tumour growth of human MDA-MB-231 breast cancer cells. <i>Breast Cancer Research</i> , <b>2008</b> , 10, R71	8.3	23
32	Cancer stem cell markers in common cancers - therapeutic implications. <i>Trends in Molecular Medicine</i> , <b>2008</b> , 14, 450-60	11.5	305

31	A mouse model of human mucopolysaccharidosis IX exhibits osteoarthritis. <i>Human Molecular Genetics</i> , <b>2008</b> , 17, 1904-15	5.6	73
30	Cancer stem cells as targets for cancer therapy: selected cancers as examples. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , <b>2008</b> , 56, 165-80	4	43
29	Adult stem cells and their trans-differentiation potential--perspectives and therapeutic applications. <i>Journal of Molecular Medicine</i> , <b>2008</b> , 86, 1301-14	5.5	93
28	An investigation of the effects of endometriosis on the proteome of human eutopic endometrium: a heterogeneous tissue with a complex disease. <i>Proteomics</i> , <b>2007</b> , 7, 130-42	4.8	86
27	Relaxin-like ligand-receptor systems are autocrine/paracrine effectors in tumor cells and modulate cancer progression and tissue invasiveness. <i>Advances in Experimental Medicine and Biology</i> , <b>2007</b> , 612, 104-18	3.6	30
26	Dioxin exerts anti-estrogenic actions in a novel dioxin-responsive telomerase-immortalized epithelial cell line of the porcine oviduct (TERT-OPEC). <i>Toxicological Sciences</i> , <b>2006</b> , 90, 519-28	4.4	22
25	Relaxin enhances the oncogenic potential of human thyroid carcinoma cells. <i>American Journal of Pathology</i> , <b>2006</b> , 169, 617-32	5.8	50
24	The roe deer as a model for studying seasonal regulation of testis function. <i>Journal of Developmental and Physical Disabilities</i> , <b>2006</b> , 29, 122-8		29
23	INSL3 in the benign hyperplastic and neoplastic human prostate gland <b>2005</b> , 27, 307		
22	Human medullary thyroid carcinoma: a source and potential target for relaxin-like hormones. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1041, 449-61	6.5	13
21	Relaxin downregulates the calcium binding protein S100A4 in MDA-MB-231 human breast cancer cells. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1041, 462-9	6.5	5
20	INSL3 in the benign hyperplastic and neoplastic human prostate gland. <i>International Journal of Oncology</i> , <b>2005</b> , 27, 307-15	1	8
19	Expression of CD97 and CD55 in human medullary thyroid carcinomas <b>2004</b> , 24, 285		2
18	Seasonal expression of INSL3 and Lgr8/Insl3 receptor transcripts indicates variable differentiation of Leydig cells in the roe deer testis. <i>Biology of Reproduction</i> , <b>2004</b> , 71, 1079-87	3.9	56
17	Molecular and genetic regulation of testis descent and external genitalia development. <i>Developmental Biology</i> , <b>2004</b> , 270, 1-18	3.1	156
16	INSL-3 is expressed in human hyperplastic and neoplastic thyrocytes <b>2003</b> , 22, 993		
15	INSL3 ligand-receptor system in the equine testis. <i>Biology of Reproduction</i> , <b>2003</b> , 68, 1975-81	3.9	26
14	INSL-3 is expressed in human hyperplastic and neoplastic thyrocytes. <i>International Journal of Oncology</i> , <b>2003</b> , 22, 993-1001	1	6

13	Molecular remodeling of members of the relaxin family during primate evolution. <i>Molecular Biology and Evolution</i> , <b>2001</b> , 18, 393-403	8.3	15
12	Canine relaxin-like factor: unique molecular structure and differential expression within reproductive tissues of the dog. <i>Biology of Reproduction</i> , <b>2001</b> , 64, 442-50	3.9	27
11	Epidermal growth factor-like ligands and erbB genes in the peri-implantation rabbit uterus and blastocyst. <i>Biology of Reproduction</i> , <b>2001</b> , 64, 1835-44	3.9	29
10	Comparative aspects of relaxin and relaxin-like factor (Insulin 3) in the placental trophoblast <b>2001</b> , 115-120		
9	Relaxin-Like Factor is differentially expressed in the normal and neoplastic human mammary gland <b>2001</b> , 359-360		
8	Molecular remodelling of members of the relaxin family during primate evolution <b>2001</b> , 127-128		
7	Relaxin-Like Factor in the human thyroid <b>2001</b> , 361-362		1
6	Relaxin-like factor (RLF) is differentially expressed in the normal and neoplastic human mammary gland. <i>Cancer</i> , <b>2000</b> , 89, 2161-2168	6.4	42
5	Ruminant relaxin in the pregnant one-humped camel ( <i>Camelus dromedarius</i> ). <i>Biology of Reproduction</i> , <b>2000</b> , 62, 839-46	3.9	14
4	Relaxin-like factor (RLF) mRNA expression in the fallow deer. <i>Molecular and Cellular Endocrinology</i> , <b>2000</b> , 159, 147-58	4.4	26
3	Nucleic acid sequence of feline preprorelaxin and its localization within the feline placenta. <i>Biology of Reproduction</i> , <b>1999</b> , 60, 305-11	3.9	17
2	Molecular cloning and localization of caprine relaxin-like factor (RLF) mRNA within the goat testis. <i>Molecular Reproduction and Development</i> , <b>1999</b> , 53, 135-41	2.6	22
1	Relaxin-like factor expression in a human ovarian Sertoli-Leydig cell tumor. <i>Fertility and Sterility</i> , <b>1999</b> , 72, 546-8	4.8	10