

# Cornelia Brunner

## List of Publications by Citations

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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.

59  
papers

1,564  
citations

20  
h-index

38  
g-index

68  
ext. papers

1,933  
ext. citations

7.1  
avg, IF

4.26  
L-index

#	Paper	IF	Citations
59	Bruton's tyrosine kinase is a Toll/interleukin-1 receptor domain-binding protein that participates in nuclear factor kappaB activation by Toll-like receptor 4. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 26258-64	5.4	221
58	Bruton's Tyrosine Kinase: An Emerging Key Player in Innate Immunity. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1454	8.4	123
57	Cardiomyocyte-specific I $\kappa$ B kinase (IKK)/NF- $\kappa$ B activation induces reversible inflammatory cardiomyopathy and heart failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 11794-9	11.5	115
56	NFATc1 affects mouse splenic B cell function by controlling the calcineurin--NFAT signaling network. <i>Journal of Experimental Medicine</i> , <b>2011</b> , 208, 823-39	16.6	93
55	Modulation of calcium-activated potassium channels induces cardiogenesis of pluripotent stem cells and enrichment of pacemaker-like cells. <i>Circulation</i> , <b>2010</b> , 122, 1823-36	16.7	89
54	Neutrophil development and function critically depend on Bruton tyrosine kinase in a mouse model of X-linked agammaglobulinemia. <i>Blood</i> , <b>2011</b> , 117, 1329-39	2.2	81
53	The Ca <sup>2+</sup> -dependent phosphatase calcineurin controls the formation of the Carma1-Bcl10-Malt1 complex during T cell receptor-induced NF- $\kappa$ B activation. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 7522-34	5.4	77
52	Human NACHT, LRR, and PYD domain-containing protein 3 (NLRP3) inflammasome activity is regulated by and potentially targetable through Bruton tyrosine kinase. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 1054-1067.e10	11.5	72
51	TBX3 Directs Cell-Fate Decision toward Mesendoderm. <i>Stem Cell Reports</i> , <b>2013</b> , 1, 248-65	8	57
50	HSP90 supports tumor growth and angiogenesis through PRKD2 protein stabilization. <i>Cancer Research</i> , <b>2014</b> , 74, 7125-36	10.1	45
49	B cell-specific transgenic expression of Bcl2 rescues early B lymphopoiesis but not B cell responses in BOB.1/OBF.1-deficient mice. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 197, 1205-11	16.6	42
48	BOB.1/OBF.1 controls the balance of TH1 and TH2 immune responses. <i>EMBO Journal</i> , <b>2007</b> , 26, 3191-2023	23	38
47	Protein kinase D2 is a novel regulator of glioblastoma growth and tumor formation. <i>Neuro-Oncology</i> , <b>2011</b> , 13, 710-24	1	32
46	The role of transcription factors in the guidance of granulopoiesis. <i>American Journal of Blood Research</i> , <b>2012</b> , 2, 57-65	1.6	32
45	The transcriptional coactivator Bob1 promotes the development of follicular T helper cells via Bcl6. <i>EMBO Journal</i> , <b>2016</b> , 35, 881-98	13	30
44	The dynactin p150 subunit: cell biology studies of sequence changes found in ALS/MND and Parkinsonian syndromes. <i>Journal of Neural Transmission</i> , <b>2013</b> , 120, 785-98	4.3	27
43	Influence of photodynamic therapy on peripheral immune cell populations and cytokine concentrations in head and neck cancer. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2017</b> , 19, 194-201	3.5	26

42	Plasma-derived Exosomes Reverse Epithelial-to-Mesenchymal Transition after Photodynamic Therapy of Patients with Head and Neck Cancer. <i>Oncoscience</i> , <b>2018</b> , 5, 75-87	0.8	25
41	NF- $\kappa$ B and Its Role in Checkpoint Control. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	24
40	Ca <sup>2+</sup> activated K channels-new tools to induce cardiac commitment from pluripotent stem cells in mice and men. <i>Stem Cell Reviews and Reports</i> , <b>2012</b> , 8, 720-40	6.4	23
39	The Emerging Role of Exosomes in Diagnosis, Prognosis, and Therapy in Head and Neck Cancer. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	20
38	MyD88 is involved in myeloid as well as lymphoid hematopoiesis independent of the presence of a pathogen. <i>American Journal of Blood Research</i> , <b>2013</b> , 3, 124-40	1.6	18
37	Btk expression is controlled by Oct and BOB.1/OBF.1. <i>Nucleic Acids Research</i> , <b>2006</b> , 34, 1807-15	20.1	17
36	Bruton's tyrosine kinase is activated upon CD40 stimulation in human B lymphocytes. <i>Immunobiology</i> , <b>2002</b> , 206, 432-40	3.4	17
35	MAGE expression in head and neck squamous cell carcinoma primary tumors, lymph node metastases and respective recurrences-implications for immunotherapy. <i>Oncotarget</i> , <b>2017</b> , 8, 14719-14733	2.7	16
34	Octamer-dependent transcription in T cells is mediated by NFAT and NF- $\kappa$ B. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, 2138-54	20.1	15
33	Role of the adipocyte-specific NF- $\kappa$ B activity in the regulation of IP-10 and T cell migration. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 300, E304-11	6	15
32	Expression of the aldehyde dehydrogenase 2-like gene is controlled by BOB.1/OBF.1 in B lymphocytes. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 45231-9	5.4	14
31	Protein kinase D2 is an essential regulator of murine myoblast differentiation. <i>PLoS ONE</i> , <b>2011</b> , 6, e14599	3.7	14
30	Immune Suppressive Effects of Plasma-Derived Exosome Populations in Head and Neck Cancer. <i>Cancers</i> , <b>2020</b> , 12,	6.6	14
29	Adenosine-producing regulatory B cells in head and neck cancer. <i>Cancer Immunology, Immunotherapy</i> , <b>2020</b> , 69, 1205-1216	7.4	10
28	The influence of chemotherapy on adenosine-producing B cells in patients with head and neck squamous cell carcinoma. <i>Oncotarget</i> , <b>2018</b> , 9, 5834-5847	3.3	9
27	Immune Checkpoint Expression on Immune Cells of HNSCC Patients and Modulation by Chemo- and Immunotherapy. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	8
26	Antibody Responses to Cancer Antigens Identify Patients with a Poor Prognosis among HPV-Positive and HPV-Negative Head and Neck Squamous Cell Carcinoma Patients. <i>Clinical Cancer Research</i> , <b>2019</b> , 25, 7405-7412	12.9	7
25	Polyfunctionality of CD4 T lymphocytes is increased after chemoradiotherapy of head and neck squamous cell carcinoma. <i>Strahlentherapie Und Onkologie</i> , <b>2018</b> , 194, 392-402	4.3	7

24	BOB.1/OBF.1 - A Critical Regulator of B Cell Function. <i>Current Immunology Reviews</i> , <b>2006</b> , 2, 3-12	1.3	7
23	Circulating Exosomes Inhibit B Cell Proliferation and Activity. <i>Cancers</i> , <b>2020</b> , 12,	6.6	7
22	NF- $\kappa$ B-dependent signals control BOB.1/OBF.1 and Oct2 transcriptional activity in B cells. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 3441-53	6.1	6
21	Peripheral Cytokine Levels Differ by HPV Status and Change Treatment-Dependently in Patients with Head and Neck Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
20	Immune-Stimulatory Effects of Curcumin on the Tumor Microenvironment in Head and Neck Squamous Cell Carcinoma. <i>Cancers</i> , <b>2021</b> , 13,	6.6	6
19	Allele-specific quantitative proteomics unravels molecular mechanisms modulated by cis-regulatory PPAR $\gamma$ locus variation. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 3266-3279	20.1	5
18	The Potential of CD16 on Plasma-Derived Exosomes as a Liquid Biomarker in Head and Neck Cancer. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
17	Myosin light chain 1 atrial isoform (MLC1A) is expressed in pre-B cells under control of the BOB.1/OBF.1 coactivator. <i>Nucleic Acids Research</i> , <b>2004</b> , 32, 1577-83	20.1	5
16	Adenosine receptor 2B activity promotes autonomous growth, migration as well as vascularization of head and neck squamous cell carcinoma cells. <i>International Journal of Cancer</i> , <b>2020</b> , 147, 202-217	7.5	5
15	Patterns of antibody responses to nonviral cancer antigens in head and neck squamous cell carcinoma patients differ by human papillomavirus status. <i>International Journal of Cancer</i> , <b>2019</b> , 145, 3436-3444	7.5	4
14	Unimpaired activation of c-Jun NH2-terminal kinase (JNK) 1 upon CD40 stimulation in B cells of patients with X-linked agammaglobulinemia. <i>Journal of Clinical Immunology</i> , <b>2002</b> , 22, 244-51	5.7	4
13	Characterization and Differentiation of the Tumor Microenvironment (TME) of Orthotopic and Subcutaneously Grown Head and Neck Squamous Cell Carcinoma (HNSCC) in Immunocompetent Mice. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	4
12	Bradykinin signaling regulates solute permeability and cellular junction organization in lymphatic endothelial cells. <i>Microcirculation</i> , <b>2020</b> , 27, e12592	2.9	4
11	Prospective longitudinal study of immune checkpoint molecule (ICM) expression in immune cell subsets during curative conventional therapy of head and neck squamous cell carcinoma (HNSCC). <i>International Journal of Cancer</i> , <b>2021</b> , 148, 2023-2035	7.5	4
10	Increasing Mean Age of Head and Neck Cancer Patients at a German Tertiary Referral Center. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
9	Immunotherapy for head and neck cancers: an update and future perspectives. <i>Immunotherapy</i> , <b>2019</b> , 11, 561-564	3.8	3
8	Sildenafil triggers tumor lethality through altered expression of HSP90 and degradation of PKD2. <i>Carcinogenesis</i> , <b>2020</b> , 41, 1421-1431	4.6	3
7	Enhanced cellular migration and prolonged chondrogenic differentiation in decellularized cartilage scaffolds under dynamic culture conditions. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2021</b> ,	4.4	2

6	Impaired Peyer's patch development in BOB.1/OBF.1-deficient mice. <i>European Journal of Immunology</i> , <b>2021</b> , 51, 1860-1863	6.1	1
5	The Role of Interleukin-1-Receptor-Antagonist in Bladder Cancer Cell Migration and Invasion. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
4	Analysis, identification and visualization of subgroups in genomics. <i>Briefings in Bioinformatics</i> , <b>2021</b> , 22,	13.4	1
3	BOB.1/OBF.1 is required during B-cell ontogeny for B-cell differentiation and germinal center function.. <i>European Journal of Immunology</i> , <b>2021</b> ,	6.1	1
2	CD3 and CD20 immune cell densities in primary tumors, lymph node metastasis, and recurrent disease samples of head and neck squamous cell carcinoma.. <i>Journal of Clinical Oncology</i> , <b>2020</b> , 38, 6551-6551	2.2	0
1	Differential Requirement of Vav Proteins for Btk-dependent and -Independent Signaling During B Cell Development.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 654181	5.7	0