

# Stefan Bähringer

## List of Publications by Year in descending order

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Version: 2024-02-01

110  
papers

10,624  
citations

94269

37  
h-index

37111

96  
g-index

112  
all docs

112  
docs citations

112  
times ranked

21236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	13.7	3,823
2	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
3	Identification of seven loci affecting mean telomere length and their association with disease. <i>Nature Genetics</i> , 2013, 45, 422-427.	9.4	808
4	Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. <i>PLoS Genetics</i> , 2012, 8, e1002607.	1.5	419
5	A Genome-Wide Association Study Identifies Five Loci Influencing Facial Morphology in Europeans. <i>PLoS Genetics</i> , 2012, 8, e1002932.	1.5	274
6	Genome-wide association meta-analysis of human longevity identifies a novel locus conferring survival beyond 90 years of age. <i>Human Molecular Genetics</i> , 2014, 23, 4420-4432.	1.4	227
7	A Meta-Analysis of Thyroid-Related Traits Reveals Novel Loci and Gender-Specific Differences in the Regulation of Thyroid Function. <i>PLoS Genetics</i> , 2013, 9, e1003266.	1.5	194
8	A comprehensive molecular study on Coffinâ€“Siris and Nicolaidesâ€“Baraitser syndromes identifies a broad molecular and clinical spectrum converging on altered chromatin remodeling. <i>Human Molecular Genetics</i> , 2013, 22, 5121-5135.	1.4	190
9	Oculo-auriculo-vertebral spectrum (OAVS): clinical evaluation and severity scoring of 53 patients and proposal for a new classification. <i>European Journal of Medical Genetics</i> , 2005, 48, 397-411.	0.7	184
10	Genome-wide association study identifies novel genetic variants contributing to variation in blood metabolite levels. <i>Nature Communications</i> , 2015, 6, 7208.	5.8	178
11	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016, 7, 10494.	5.8	153
12	Genotyping in 46 patients with tentative diagnosis of Treacher Collins syndrome revealed unexpected phenotypic variation. <i>European Journal of Human Genetics</i> , 2004, 12, 879-890.	1.4	149
13	A novel real-time PCR assay for quantitative analysis of methylated alleles (QAMA): analysis of the retinoblastoma locus. <i>Nucleic Acids Research</i> , 2004, 32, e125-e125.	6.5	120
14	Gene set analysis of GWAS data for human longevity highlights the relevance of the insulin/IGF-1 signaling and telomere maintenance pathways. <i>Age</i> , 2013, 35, 235-249.	3.0	105
15	Genetic determination of human facial morphology: links between cleft-lips and normal variation. <i>European Journal of Human Genetics</i> , 2011, 19, 1192-1197.	1.4	89
16	Quaking promotes monocyte differentiation into pro-atherogenic macrophages by controlling pre-mRNA splicing and gene expression. <i>Nature Communications</i> , 2016, 7, 10846.	5.8	87
17	Validation of genetic modifiers for Duchenne muscular dystrophy: a multicentre study assessing <i>SPP1</i> and <i>LTBP4</i> variants. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 1060-1065.	0.9	86
18	A family with autosomal dominant oculo-auriculo-vertebral spectrum. <i>Clinical Dysmorphology</i> , 2007, 16, 1-7.	0.1	81

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19	Triple Positivity for Anti-Citrullinated Protein Autoantibodies, Rheumatoid Factor, and Anti-Carbamylated Protein Antibodies Conferring High Specificity for Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2018, 70, 1721-1731.	2.9	81
20	Ensemble landmarking of 3D facial surface scans. <i>Scientific Reports</i> , 2018, 8, 12.	1.6	78
21	Results of a 6-week treatment with 10 mg prednisolone in patients with hand osteoarthritis (HOPE): a double-blind, randomised, placebo-controlled trial. <i>Lancet, The</i> , 2019, 394, 1993-2001.	6.3	78
22	Syndrome identification based on 2D analysis software. <i>European Journal of Human Genetics</i> , 2006, 14, 1082-1089.	1.4	77
23	The Prognostic Value of AJCC Staging in Uveal Melanoma Is Enhanced by Adding Chromosome 3 and 8q Status. , 2017, 58, 833.		77
24	Somatic mosaicism in patients with Angelman syndrome and an imprinting defect. <i>Human Molecular Genetics</i> , 2004, 13, 2547-2555.	1.4	74
25	A metabolomic profile is associated with the risk of incident coronary heart disease. <i>American Heart Journal</i> , 2014, 168, 45-52.e7.	1.2	74
26	Genomewide Linkage Screen for Waldenström Macroglobulinemia Susceptibility Loci in High-Risk Families. <i>American Journal of Human Genetics</i> , 2006, 79, 695-701.	2.6	72
27	Tamoxifen Pharmacogenetics and Metabolism: Results From the Prospective CYPTAM Study. <i>Journal of Clinical Oncology</i> , 2019, 37, 636-646.	0.8	72
28	Five-Year Graft Survival and Clinical Outcomes of 500 Consecutive Cases After Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2020, 39, 290-297.	0.9	69
29	Histone acetylation dependent allelic expression imbalance of BAPX1 in patients with the oculo-auriculo-vertebral spectrum. <i>Human Molecular Genetics</i> , 2006, 15, 581-587.	1.4	68
30	The ACPA recognition profile and subgrouping of ACPA-positive RA patients. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 268-274.	0.5	61
31	Genes expressed in blood link osteoarthritis with apoptotic pathways. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1844-1853.	0.5	61
32	Novel genetic loci affecting facial shape variation in humans. <i>ELife</i> , 2019, 8, .	2.8	58
33	Treat to target (drug-free) inactive disease in DMARD-naive juvenile idiopathic arthritis: 24-month clinical outcomes of a three-armed randomised trial. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 51-59.	0.5	56
34	Long-Term Graft Survival in Penetrating Keratoplasty: The Biexponential Model of Chronic Endothelial Cell Loss Revisited. <i>Cornea</i> , 2010, 29, 1113-1117.	0.9	55
35	The effect of a face mask for respiratory support on breathing in preterm infants at birth. <i>Resuscitation</i> , 2019, 144, 178-184.	1.3	48
36	Reproduction abnormalities and twin pregnancies in parents of sporadic patients with oculo-auriculo-vertebral spectrum/Goldenhar syndrome. <i>Human Genetics</i> , 2007, 121, 369-376.	1.8	46

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37	Automated segmentation of the corneal endothelium in a large set of "real-world" specular microscopy images using the U-Net architecture. <i>Scientific Reports</i> , 2019, 9, 4752.	1.6	41
38	Association Between <i>CNDP1</i> Genotype and Diabetic Nephropathy Is Sex Specific. <i>Diabetes</i> , 2010, 59, 1555-1559.	0.3	39
39	Distribution of GNAQ and GNA11 Mutation Signatures in Uveal Melanoma Points to a Light Dependent Mutation Mechanism. <i>PLoS ONE</i> , 2015, 10, e0138002.	1.1	39
40	Automated syndrome detection in a set of clinical facial photographs. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 2161-2169.	0.7	38
41	TCTEX1D1 is a genetic modifier of disease progression in Duchenne muscular dystrophy. <i>European Journal of Human Genetics</i> , 2020, 28, 815-825.	1.4	36
42	Epistasis between two HLA antigens defines a subset of individuals at a very high risk for ankylosing spondylitis. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 974-978.	0.5	35
43	An Automatic 3D Facial Landmarking Algorithm Using 2D Gabor Wavelets. <i>IEEE Transactions on Image Processing</i> , 2016, 25, 580-588.	6.0	31
44	Effect of Surgical Indication and Preoperative Lens Status on Descemet Membrane Endothelial Keratoplasty Outcomes. <i>American Journal of Ophthalmology</i> , 2020, 212, 79-87.	1.7	31
45	Insulin-like growth factor 1 receptor expression and IGF1R 3129G>T polymorphism are associated with response to neoadjuvant chemotherapy in breast cancer patients: results from the NEOZOTAC trial (BOOG 2010-01). <i>Breast Cancer Research</i> , 2016, 18, 3.	2.2	30
46	Impact of geometry and viewing angle on classification accuracy of 2D based analysis of dysmorphic faces. <i>European Journal of Medical Genetics</i> , 2008, 51, 44-53.	0.7	29
47	MicroRNA Classifier and Nomogram for Metastasis Prediction in Colon Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 187-197.	1.1	28
48	Novel quantitative pigmentation phenotyping enhances genetic association, epistasis, and prediction of human eye colour. <i>Scientific Reports</i> , 2017, 7, 43359.	1.6	27
49	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019, 2, 285.	2.0	27
50	How to deal with the early GWAS data when imputing and combining different arrays is necessary. <i>European Journal of Human Genetics</i> , 2012, 20, 572-576.	1.4	26
51	Generating evidence for precision medicine: considerations made by the Ubiquitous Pharmacogenomics Consortium when designing and operationalizing the PREPARE study. <i>Pharmacogenetics and Genomics</i> , 2020, 30, 131-144.	0.7	26
52	Genetic associations and regulation of expression indicate an independent role for 14q32 snoRNAs in human cardiovascular disease. <i>Cardiovascular Research</i> , 2019, 115, 1519-1532.	1.8	25
53	Suppression of compensatory erythropoiesis in hemolytic disease of the fetus and newborn due to intrauterine transfusions. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 119.e1-119.e10.	0.7	24
54	HLA class I/II matching and chronic endothelial cell loss in penetrating normal risk keratoplasty. <i>Acta Ophthalmologica</i> , 2004, 82, 13-18.	0.4	23

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55	Complement receptor 1 gene polymorphisms are associated with cardiovascular risk. <i>Atherosclerosis</i> , 2017, 257, 16-21.	0.4	22
56	Exploratory analysis of 1936 SNPs in ADME genes for association with busulfan clearance in adult hematopoietic stem cell recipients. <i>Pharmacogenetics and Genomics</i> , 2013, 23, 675-683.	0.7	17
57	Personalised drug repositioning for Clear Cell Renal Cell Carcinoma using gene expression. <i>Scientific Reports</i> , 2018, 8, 5250.	1.6	14
58	Genome Wide Association Study for Predictors of Progression Free Survival in Patients on Capecitabine, Oxaliplatin, Bevacizumab and Cetuximab in First-Line Therapy of Metastatic Colorectal Cancer. <i>PLoS ONE</i> , 2015, 10, e0131091.	1.1	13
59	Age-dependent clinical prognostic value of histone modifications in colorectal cancer. <i>Translational Research</i> , 2015, 165, 578-588.	2.2	12
60	Influence of batch effect correction methods on drug induced differential gene expression profiles. <i>BMC Bioinformatics</i> , 2019, 20, 437.	1.2	12
61	Prediction of aspiration in dysphagia using logistic regression: oral intake and self-evaluation. <i>European Archives of Oto-Rhino-Laryngology</i> , 2020, 277, 197-205.	0.8	12
62	Acquired Melanocytic Nevi in Childhood and Familial Melanoma. <i>JAMA Dermatology</i> , 2014, 150, 35.	2.0	11
63	Automated human skull landmarking with 2D Gabor wavelets. <i>Physics in Medicine and Biology</i> , 2018, 63, 105011.	1.6	11
64	Quantification of Facial Traits. <i>Frontiers in Genetics</i> , 2019, 10, 397.	1.1	11
65	Quality of life of children with hearing loss in special and mainstream education: A longitudinal study. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 128, 109701.	0.4	11
66	Frequent mutated <i>B2M</i> , <i>EZH2</i> , <i>IRF8</i> , and <i>TNFRSF14</i> in primary bone diffuse large B-cell lymphoma reflect a GCB phenotype. <i>Blood Advances</i> , 2021, 5, 3760-3775.	2.5	11
67	Correcting for multiple testing in genetic association studies: the legend lives on. <i>Human Genetics</i> , 2001, 109, 566-567.	1.8	10
68	Classification and Visualization Based on Derived Image Features: Application to Genetic Syndromes. <i>PLoS ONE</i> , 2014, 9, e109033.	1.1	9
69	Voice outcome after unilateral ELS type III or bilateral type II resections for T1-T2 glottic carcinoma: Results after 1 year. <i>Head and Neck</i> , 2019, 41, 1638-1647.	0.9	9
70	Improving the aseptic transfer procedures in hospital pharmacies. Part B: evaluation of disinfection methods for materials with a non-sterile surface. <i>European Journal of Hospital Pharmacy</i> , 2021, 28, 271-275.	0.5	9
71	Transcriptome Signature Reversion as a Method to Reposition Drugs Against Cancer for Precision Oncology. <i>Cancer Journal (Sudbury, Mass )</i> , 2019, 25, 116-120.	1.0	9
72	Distinctive facial features in idiopathic Moyamoya disease in Caucasians: a first systematic analysis. <i>PeerJ</i> , 2018, 6, e4740.	0.9	8

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73	Multilocus statistics to uncover epistasis and heterogeneity in complex diseases: revisiting a set of multiple sclerosis data. <i>European Journal of Human Genetics</i> , 2003, 11, 573-584.	1.4	7
74	A Genetic Polymorphism in <i>CTLA-4</i> Is Associated with Overall Survival in Sunitinib-Treated Patients with Clear Cell Metastatic Renal Cell Carcinoma. <i>Clinical Cancer Research</i> , 2018, 24, 2350-2356.	3.2	7
75	Genome wide association study to identify predictors for severe skin toxicity in colorectal cancer patients treated with cetuximab. <i>PLoS ONE</i> , 2018, 13, e0208080.	1.1	7
76	Powerful testing via hierarchical linkage disequilibrium in haplotype association studies. <i>Biometrical Journal</i> , 2019, 61, 747-768.	0.6	7
77	Channel discrimination along all contacts of the cochlear implant electrode array and its relation to speech perception. <i>International Journal of Audiology</i> , 2019, 58, 262-268.	0.9	7
78	The impact of estimated tumour purity on gene expression-based drug repositioning of Clear Cell Renal Cell Carcinoma samples. <i>Scientific Reports</i> , 2019, 9, 2495.	1.6	7
79	Comparing the effect of two different interfaces on breathing of preterm infants at birth: A matched-pairs analysis. <i>Resuscitation</i> , 2020, 157, 60-66.	1.3	7
80	MiRNAs Correlate with HLA Expression in Uveal Melanoma: Both Up- and Downregulation Are Related to Monosomy 3. <i>Cancers</i> , 2021, 13, 4020.	1.7	7
81	Pathway analysis to identify genetic variants associated with efficacy of adalimumab in rheumatoid arthritis. <i>Pharmacogenomics</i> , 2017, 18, 945-953.	0.6	6
82	Noise Exposure and Hearing Loss among Brewery Workers in Lagos, Nigeria. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2880.	1.2	6
83	Prognostic Factors for the Outcome of Translabyrinthine Surgery for Vestibular Schwannomas. <i>Otology and Neurotology</i> , 2021, 42, 475-482.	0.7	6
84	Time to Functional Recovery After Laser Tonsillotomy Performed Under Local Anesthesia vs Conventional Tonsillectomy With General Anesthesia Among Adults. <i>JAMA Network Open</i> , 2022, 5, e2148655.	2.8	6
85	Reconstruction of images from Gabor graphs with applications in facial image processing. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2015, 13, 1550019.	0.9	5
86	Ouabain Does Not Induce Selective Spiral Ganglion Cell Degeneration in Guinea Pigs. <i>BioMed Research International</i> , 2018, 2018, 1-15.	0.9	5
87	Effectiveness of Phantom Stimulation in Shifting the Pitch Percept in Cochlear Implant Users. <i>Ear and Hearing</i> , 2020, 41, 1258-1269.	1.0	5
88	The variant T allele of PvuII in ESR1 gene is a prognostic marker in early breast cancer survival. <i>Scientific Reports</i> , 2021, 11, 3249.	1.6	5
89	Genetic variants in Cell Adhesion Molecule 1 (CADM1): A validation study of a novel endothelial cell venous thrombosis risk factor. <i>Thrombosis Research</i> , 2014, 134, 1186-1192.	0.8	4
90	Improving the aseptic transfer procedures in hospital pharmacies part C: evaluation and redesign of the transfer process. <i>European Journal of Hospital Pharmacy</i> , 2022, 29, 12-17.	0.5	4

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91	Identification of pharmacogenetic biomarkers for efficacy of cytoreductive surgery plus hyperthermic intraperitoneal mitomycin C in patients with colorectal peritoneal metastases. <i>European Journal of Surgical Oncology</i> , 2020, 46, 1925-1931.	0.5	4
92	Blood pressure, antihypertensive medication and neuropsychiatric symptoms in older people with dementia: The COSMOS study. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 46-53.	1.3	4
93	Changes in healthcare utilisation for paediatric tonsillectomy and adenoidectomy in the Netherlands: a population-based study. <i>Clinical Otolaryngology</i> , 2021, 46, 347-356.	0.6	4
94	Choosing and changing the analysis scale in non-inferiority trials with a binary outcome. <i>Clinical Trials</i> , 2021, , 1740774521110537.	0.7	4
95	Nationwide inventory on retinopathy of prematurity screening in the Netherlands. <i>British Journal of Ophthalmology</i> , 2023, 107, 712-716.	2.1	4
96	Improving the aseptic transfer procedures in hospital pharmacies part A: methods for the determination of the surface bioburden on ampoules and vials. <i>European Journal of Hospital Pharmacy</i> , 2021, 28, 38-41.	0.5	3
97	Modelling growth curves of the normal infant's mandible: 3D measurements using computed tomography. <i>Clinical Oral Investigations</i> , 2021, 25, 6365-6375.	1.4	3
98	Feasibility and Effect of Physiological-Based CPAP in Preterm Infants at Birth. <i>Frontiers in Pediatrics</i> , 2021, 9, 777614.	0.9	3
99	A prediction model for recurrence after translabyrinthine surgery for vestibular schwannoma: toward personalized postoperative surveillance. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, , 1.	0.8	3
100	A Model for Fine Mapping in Family Based Association Studies. <i>Human Heredity</i> , 2009, 67, 226-236.	0.4	2
101	Combining Family and Twin Data in Association Studies to Estimate the Noninherited Maternal Antigen Effect. <i>Genetic Epidemiology</i> , 2012, 36, 811-819.	0.6	2
102	Combining information from linkage and association mapping for next-generation sequencing longitudinal family data. <i>BMC Proceedings</i> , 2014, 8, S34.	1.8	2
103	<i>SLC04A1</i> , <i>SLC22A2</i> and <i>SLC28A2</i> variants not related to methotrexate efficacy or toxicity in rheumatoid arthritis patients. <i>Pharmacogenomics</i> , 2018, 19, 613-619.	0.6	2
104	Reply to C.L. Braal et al, H. Brauch et al, and M.P. Goetz et al. <i>Journal of Clinical Oncology</i> , 2019, 37, 1984-1985.	0.8	2
105	Effectiveness of endolymphatic duct blockage versus endolymphatic sac decompression in patients with intractable Ménière's disease: study protocol for a double-blinded, randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e054514.	0.8	2
106	Comments on: Hierarchical inference for genome-wide association studies by Jelle J. Goeman and Stefan Bähringer. <i>Computational Statistics</i> , 2020, 35, 41-45.	0.8	1
107	Genetic variants determining survival and fertility in an adverse African environment: a population-based large-scale candidate gene association study. <i>Aging</i> , 2016, 8, 1364-1383.	1.4	1
108	Response to a letter to the editor – A prediction model for recurrence after translabyrinthine surgery for vestibular schwannoma: towards personalized postoperative surveillance. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, , 1.	0.8	1

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109	OP0180â€¦LOW-DOSE PREDNISOLONE IN PATIENTS WITH HAND OSTEOARTHRITIS (HOPE): RESULTS FROM A RANDOMISED DOUBLE-BLIND PLACEBO-CONTROLLED TRIAL. , 2019, , .		0
110	Novel Genetic Loci Affecting Facial Shape Variation in Humans. SSRN Electronic Journal, 0, , .	0.4	0