

# Sandra Freitag-Wolf

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

4,242  
citations

186265

28  
h-index

123424

61  
g-index

84  
all docs

84  
docs citations

84  
times ranked

8531  
citing authors

#	ARTICLE	IF	CITATIONS
1	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	21.4	549
2	Standardized quantification of pulmonary fibrosis in histological samples. <i>BioTechniques</i> , 2008, 44, 507-517.	1.8	503
3	Correlation between Genetic and Geographic Structure in Europe. <i>Current Biology</i> , 2008, 18, 1241-1248.	3.9	449
4	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
5	Role of oxidative stress in rheumatoid arthritis: insights from the Nrf2-knockout mice. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 844-850.	0.9	223
6	Phenotypes of organ involvement in sarcoidosis. <i>European Respiratory Journal</i> , 2018, 51, 1700991.	6.7	146
7	Novel Bispecific Antibodies Increase $\gamma\delta$ T-Cell Cytotoxicity against Pancreatic Cancer Cells. <i>Cancer Research</i> , 2014, 74, 1349-1360.	0.9	133
8	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	12.8	133
9	Resin bonding to three types of polyaryletherketones (PAEKs) – Durability and influence of surface conditioning. <i>Dental Materials</i> , 2014, 30, 357-363.	3.5	120
10	Hypothalamic Inflammation in Human Obesity Is Mediated by Environmental and Genetic Factors. <i>Diabetes</i> , 2017, 66, 2407-2415.	0.6	117
11	IL-6 blockade by monoclonal antibodies inhibits apolipoprotein (a) expression and lipoprotein (a) synthesis in humans. <i>Journal of Lipid Research</i> , 2015, 56, 1034-1042.	4.2	114
12	Molecular leakage at implant-abutment connection – in vitro investigation of tightness of internal conical implant-abutment connections against endotoxin penetration. <i>Clinical Oral Investigations</i> , 2010, 14, 427-432.	3.0	105
13	Comparative Characterization of Stroma Cells and Ductal Epithelium in Chronic Pancreatitis and Pancreatic Ductal Adenocarcinoma. <i>PLoS ONE</i> , 2014, 9, e94357.	2.5	70
14	Targeted Microbiome Intervention by Microencapsulated Delayed-Release Niacin Beneficially Affects Insulin Sensitivity in Humans. <i>Diabetes Care</i> , 2018, 41, 398-405.	8.6	69
15	Genetic Factors Interact With Tobacco Smoke to Modify Risk for Inflammatory Bowel Disease in Humans and Mice. <i>Gastroenterology</i> , 2017, 153, 550-565.	1.3	68
16	Effect of PEEP and Tidal Volume on Ventilation Distribution and End-Expiratory Lung Volume: A Prospective Experimental Animal and Pilot Clinical Study. <i>PLoS ONE</i> , 2013, 8, e72675.	2.5	53
17	Interleukin-6 and Tumour Necrosis Factor- $\alpha$ differentially regulate lincRNA transcripts in cells of the innate immune system in vivo in human subjects with rheumatoid arthritis. <i>Cytokine</i> , 2014, 68, 65-68.	3.2	51
18	Genome-wide exploration identifies sex-specific genetic effects of alleles upstream <i>NPY</i> to increase the risk of severe periodontitis in men. <i>Journal of Clinical Periodontology</i> , 2014, 41, 1115-1121.	4.9	44

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19	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021, 99, 926-939.	5.2	42
20	CD4 <sup>+</sup> T cells potently induce epithelial-mesenchymal-transition in premalignant and malignant pancreatic ductal epithelial cells—novel implications of CD4 <sup>+</sup> T cells in pancreatic cancer development. <i>Oncolmmunology</i> , 2015, 4, e1000083.	4.6	39
21	In-depth immunophenotyping of patients with glioblastoma multiforme: Impact of steroid treatment. <i>Oncolmmunology</i> , 2017, 6, e1358839.	4.6	37
22	Age-related macular degeneration and functional promoter and coding variants of the apolipoprotein E gene. <i>Human Mutation</i> , 2009, 30, 1048-1053.	2.5	36
23	Linear and volumetric dimensional changes of injection-molded PMMA denture base resins. <i>Dental Materials</i> , 2013, 29, 1091-1097.	3.5	36
24	L1CAM promotes enrichment of immunosuppressive T cells in human pancreatic cancer correlating with malignant progression. <i>Molecular Oncology</i> , 2014, 8, 982-997.	4.6	34
25	Stent-thrombus interaction and the influence of aspiration on mechanical thrombectomy: evaluation of different stent retrievers in a circulation model. <i>Neuroradiology</i> , 2015, 57, 791-797.	2.2	34
26	Elevated growth differentiation factor 15 levels predict outcome in patients undergoing transcatheter aortic valve implantation. <i>European Journal of Heart Failure</i> , 2015, 17, 945-955.	7.1	33
27	Myocardial hypoxic stress mediates functional cardiac extracellular vesicle release. <i>European Heart Journal</i> , 2021, 42, 2780-2792.	2.2	32
28	A Candidate Gene Association Study Identifies DAPL1 as a Female-Specific Susceptibility Locus for Age-Related Macular Degeneration (AMD). <i>NeuroMolecular Medicine</i> , 2015, 17, 111-120.	3.4	30
29	Preprocedural but not periprocedural high-sensitive Troponin T levels predict outcome in patients undergoing transcatheter aortic valve implantation. <i>Cardiovascular Therapeutics</i> , 2016, 34, 385-396.	2.5	30
30	A common functional exon polymorphism in the microsomal triglyceride transfer protein gene is associated with type 2 diabetes, impaired glucose metabolism and insulin levels. <i>Journal of Human Genetics</i> , 2006, 51, 567-574.	2.3	28
31	Preprocedural high-sensitive troponin predicts survival after transcatheter aortic valve implantation (TAVI). <i>International Journal of Cardiology</i> , 2013, 169, e38-e39.	1.7	28
32	Monitoring and functional characterization of the lymphocytic compartment in pancreatic ductal adenocarcinoma patients. <i>Pancreatology</i> , 2016, 16, 1069-1079.	1.1	28
33	Can self-reported pain characteristics and bedside test be used for the assessment of pain mechanisms? An analysis of results of neuropathic pain questionnaires and quantitative sensory testing. <i>Pain</i> , 2019, 160, 2093-2104.	4.2	27
34	Radial access protects from contrast media induced nephropathy after cardiac catheterization procedures. <i>Clinical Research in Cardiology</i> , 2018, 107, 148-157.	3.3	26
35	Soluble ST2 for Risk Stratification and the Prediction of Mortality in Patients Undergoing Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2017, 120, 986-993.	1.6	23
36	Genomic instability and oncogene amplifications in colorectal adenomas predict recurrence and synchronous carcinoma. <i>Modern Pathology</i> , 2011, 24, 542-555.	5.5	22

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37	The single mandibular implant study â€œ Short-term effects of the loading protocol on Oral Health-related Quality of Life. <i>Journal of Prosthodontic Research</i> , 2018, 62, 313-316.	2.8	21
38	Limitation of measurements of expiratory tidal volume and expiratory compliance under conditions of endotracheal tube leaks. <i>Pediatric Critical Care Medicine</i> , 2008, 9, 69-75.	0.5	19
39	Genetic control of global gene expression levels in the intestinal mucosa: a human twin study. <i>Physiological Genomics</i> , 2009, 38, 73-79.	2.3	19
40	Genetic loci and prioritization of genes for kidney function decline derived from a meta-analysis of 62 longitudinal genome-wide association studies. <i>Kidney International</i> , 2022, 102, 624-639.	5.2	18
41	Periprocedural Changes of NTâ€proBNP Are Associated With Survival After Transcatheter Aortic Valve Implantation. <i>Journal of the American Heart Association</i> , 2019, 8, e010876.	3.7	17
42	Estimating a Unimodal Distribution From Interval-Censored Data. <i>Journal of the American Statistical Association</i> , 2006, 101, 1094-1106.	3.1	16
43	Genetic Imbalance Is Associated With Functional Outcome After Ischemic Stroke. <i>Stroke</i> , 2019, 50, 298-304.	2.0	16
44	Stage-specific frequency and prognostic significance of aneuploidy in patients with sporadic colorectal cancerâ€”a meta-analysis and current overview. <i>International Journal of Colorectal Disease</i> , 2015, 30, 1015-1028.	2.2	15
45	Protein levels of clusterin and glutathioneâ€synthetase in platelets allow for early detection of colorectal cancer. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 323-334.	5.4	15
46	Aneuploidy and elevated CEA indicate an increased risk for metachronous metastasis in colorectal cancer. <i>International Journal of Colorectal Disease</i> , 2013, 28, 767-775.	2.2	14
47	Stabilizing mandibular complete dentures by a single midline implantâ€”influence on quality of life: 2-year results from a randomized clinical trial comparing different loading protocols. <i>Clinical Oral Investigations</i> , 2020, 24, 927-935.	3.0	14
48	Sexâ€specific genetic factors affect the risk of earlyâ€onset periodontitis in <scp>Europeans</scp>. <i>Journal of Clinical Periodontology</i> , 2021, 48, 1404-1413.	4.9	13
49	Inhibition of dermatophytes by photodynamic treatment with curcumin. <i>Medical Mycology</i> , 2017, 55, myw139.	0.7	12
50	High Levels of Chromosomal Copy Number Alterations and TP53 Mutations Correlate with Poor Outcome in Younger Breast Cancer Patients. <i>American Journal of Pathology</i> , 2020, 190, 1643-1656.	3.8	10
51	Aneuploidy characterizes adjacent non-malignant mucosa of ulcerative colitis-associated but not sporadic colorectal carcinomas: a matched-pair analysis. <i>Scandinavian Journal of Gastroenterology</i> , 2013, 48, 679-687.	1.5	9
52	Osteopontin predicts clinical outcome in patients after treatment of severe aortic stenosis with transcatheter aortic valve implantation (TAVI). <i>Open Heart</i> , 2017, 4, e000633.	2.3	9
53	Genome Instability Profiles Predict Disease Outcome in a Cohort of 4,003 Patients with Breast Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 4606-4615.	7.0	9
54	Serial right ventricular assessment in patients with hypoplastic left heart syndrome: a multiparametric cardiovascular magnetic resonance study. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, , .	1.4	9

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55	An evaluation of the genetic-matched pair study design using genome-wide SNP data from the European population. <i>European Journal of Human Genetics</i> , 2009, 17, 967-975.	2.8	8
56	Determination of population origin: a comparison of autosomal SNPs, Y-chromosomal and mtDNA haplogroups using a Malagasy population as example. <i>European Journal of Human Genetics</i> , 2013, 21, 1423-1428.	2.8	8
57	Prediction of people's origin from degraded DNA's presentation of SNP assays and calculation of probability. <i>International Journal of Legal Medicine</i> , 2013, 127, 347-357.	2.2	8
58	B Lymphocyte Stimulator (BLYS) Is Expressed in Human Adipocytes In Vivo and Is Related to Obesity but Not to Insulin Resistance. <i>PLoS ONE</i> , 2014, 9, e94282.	2.5	8
59	Predictors for long-term outcome and quality of life of patients after cardiac surgery with prolonged intensive care unit stay. <i>Interventional Medicine &amp; Applied Science</i> , 2013, 5, 3-9.	0.2	7
60	Influence of attachment design and material on the retention of resin-bonded attachments. <i>Clinical Oral Investigations</i> , 2019, 23, 1217-1223.	3.0	6
61	The metabolic network coherence of human transcriptomes is associated with genetic variation at the cadherin 18 locus. <i>Human Genetics</i> , 2019, 138, 375-388.	3.8	6
62	Sex-specific outcome after minimally invasive direct coronary artery bypass for single-vessel disease. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 380-387.	1.1	6
63	The role of linkage disequilibrium in case-only studies of gene-environment interactions. <i>Human Genetics</i> , 2015, 134, 89-96.	3.8	5
64	Combining aneuploidy and dysplasia for colitis cancer risk assessment outperforms current surveillance efficiency: a meta-analysis. <i>International Journal of Colorectal Disease</i> , 2017, 32, 171-182.	2.2	5
65	Outcomes of Patients after Implantation of the Pericardial All-Biological Valve No-React Aortic Conduit (BioIntegral) for Root Replacement in Complex Surgical Procedures. <i>Thoracic and Cardiovascular Surgeon</i> , 2020, 68, 301-308.	1.0	5
66	Single-cell adhesion of human osteoblasts on plasma-conditioned titanium implant surfaces in vitro. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 109, 103841.	3.1	5
67	Linkage analysis identifies novel genetic modifiers of microbiome traits in families with inflammatory bowel disease. <i>Gut Microbes</i> , 2022, 14, 2024415.	9.8	5
68	Serial Assessment of Right Ventricular Deformation in Patients With Hypoplastic Left Heart Syndrome: A Cardiovascular Magnetic Resonance Feature Tracking Study. <i>Journal of the American Heart Association</i> , 2022, 11, e025332.	3.7	5
69	A retrospective study of conscious sedation versus general anaesthesia in patients scheduled for transfemoral aortic valve implantation: A single center experience. <i>Health Science Reports</i> , 2019, 2, e95.	1.5	4
70	Transcatheter pulmonary valve replacement: a new polycarbonate urethane valve. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 1048-1056.	1.4	4
71	Ventricular and atrial function and deformation is largely preserved after arterial switch operation. <i>Heart</i> , 2021, 107, 1644-1650.	2.9	4
72	The effect of FABP2 promoter haplotype on response to a diet with medium-chain triacylglycerols. <i>Genes and Nutrition</i> , 2012, 7, 437-445.	2.5	3

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73	Reducing the effect of polymerization shrinkage of temporary fixed dental prostheses by using different materials and fabrication techniques. <i>Dental Materials</i> , 2016, 32, 1464-1471.	3.5	3
74	Transaortic transcatheter aortic valve implantation: experience from the Kiel study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 24, 55-62.	1.1	3
75	Genotype imputation in case-only studies of gene-environment interaction: validity and power. <i>Human Genetics</i> , 2021, 140, 1217-1228.	3.8	3
76	Increased heritability of gallstone disease in early onset cases. <i>Liver International</i> , 2008, 28, 895-897.	3.9	2
77	Allowing for population stratification in case-only studies of gene-environment interaction, using genomic control. <i>Human Genetics</i> , 2015, 134, 1117-1125.	3.8	2
78	Case-only analysis of gene-gene interactions in inflammatory bowel disease. <i>Scandinavian Journal of Gastroenterology</i> , 2020, 55, 897-906.	1.5	2
79	A mouse model of cardiogenic shock. <i>Cardiovascular Research</i> , 2021, 117, 2414-2415.	3.8	2
80	Transcatheter mitral valve replacement: tissue in-growth after 4 weeks. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 1-8.	1.1	1
81	Evaluation of prevention behaviour and its influencing factors with respect to cancer screening. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 1559-1567.	2.5	1
82	Transcatheter aortic valve resection: new mechanical devices. <i>Journal of Thoracic Disease</i> , 2020, 12, 6586-6597.	1.4	0