

Sebastian SchÄœfer

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

5,781
citations

126708

33
h-index

155451

55
g-index

74
all docs

74
docs citations

74
times ranked

9655
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-11 drives human and mouse alcohol-related liver disease. <i>Gut</i> , 2023, 72, 168-179.	6.1	13
2	Inhibition of IL11 Signaling Reduces Aortic Pathology in Murine Marfan Syndrome. <i>Circulation Research</i> , 2022, 130, 728-740.	2.0	22
3	IL11 Activates Pancreatic Stellate Cells and Causes Pancreatic Inflammation, Fibrosis and Atrophy in a Mouse Model of Pancreatitis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3549.	1.8	14
4	CLIPreg: constructing translational regulatory networks from CLIP-, Ribo- and RNA-seq. <i>Bioinformatics</i> , 2022, 38, 3651-3653.	1.8	0
5	Hepatocyte Specific gp130 Signalling Underlies APAP Induced Liver Injury. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7089.	1.8	4
6	A high-resolution map of human RNA translation. <i>Molecular Cell</i> , 2022, 82, 2885-2899.e8.	4.5	37
7	Therapeutic Targeting of Interleukin-11 Signalling Reduces Pressure Overload-Induced Cardiac Fibrosis in Mice. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 222-228.	1.1	16
8	Hepatocyte-specific IL11 cis-signaling drives lipotoxicity and underlies the transition from NAFLD to NASH. <i>Nature Communications</i> , 2021, 12, 66.	5.8	75
9	IL11 is elevated in systemic sclerosis and IL11-dependent ERK signalling underlies TGF β -mediated activation of dermal fibroblasts. <i>Rheumatology</i> , 2021, 60, 5820-5826.	0.9	36
10	Coding and non-coding roles of MOCCI (C15ORF48) coordinate to regulate host inflammation and immunity. <i>Nature Communications</i> , 2021, 12, 2130.	5.8	56
11	Redefining IL11 as a regeneration-limiting hepatotoxin and therapeutic target in acetaminophen-induced liver injury. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	44
12	Similarities and differences between IL11 and IL11RA1 knockout mice for lung fibro-inflammation, fertility and craniosynostosis. <i>Scientific Reports</i> , 2021, 11, 14088.	1.6	26
13	The pro-regenerative effects of hyperIL6 in drug-induced liver injury are unexpectedly due to competitive inhibition of IL11 signaling. <i>ELife</i> , 2021, 10, .	2.8	9
14	Critical Conditions for Studying Interleukin-11 Signaling In Vitro and Avoiding Experimental Artefacts. <i>Current Protocols</i> , 2021, 1, e251.	1.3	5
15	Molecular Dissection of Pro-Fibrotic IL11 Signaling in Cardiac and Pulmonary Fibroblasts. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 740650.	1.6	30
16	Antibody-mediated neutralization of IL11 signalling reduces ERK activation and cardiac fibrosis in a mouse model of severe pressure overload. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 605-613.	0.9	10
17	Transgenic interleukin 11 expression causes cross-tissue fibro-inflammation and an inflammatory bowel phenotype in mice. <i>PLoS ONE</i> , 2020, 15, e0227505.	1.1	41
18	Interleukin-11 is important for vascular smooth muscle phenotypic switching and aortic inflammation, fibrosis and remodeling in mouse models. <i>Scientific Reports</i> , 2020, 10, 17853.	1.6	43

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19	Interleukin-11 signaling underlies fibrosis, parenchymal dysfunction, and chronic inflammation of the airway. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1871-1878.	3.2	58
20	Fibroblast-specific IL11 signaling drives chronic inflammation in murine fibrotic lung disease. <i>FASEB Journal</i> , 2020, 34, 11802-11815.	0.2	44
21	Characterising the loss-of-function impact of 5' UTR untranslated region variants in 15,708 individuals. <i>Nature Communications</i> , 2020, 11, 2523.	5.8	99
22	IL-11 in cardiac and renal fibrosis: Late to the party but a central player. <i>British Journal of Pharmacology</i> , 2020, 177, 1695-1708.	2.7	59
23	Hiding in Plain Sight: Interleukin-11 Emerges as a Master Regulator of Fibrosis, Tissue Integrity, and Stromal Inflammation. <i>Annual Review of Medicine</i> , 2020, 71, 263-276.	5.0	104
24	Title is missing!. , 2020, 15, e0227505.		0
25	Title is missing!. , 2020, 15, e0227505.		0
26	Title is missing!. , 2020, 15, e0227505.		0
27	Title is missing!. , 2020, 15, e0227505.		0
28	WWP2 regulates pathological cardiac fibrosis by modulating SMAD2 signaling. <i>Nature Communications</i> , 2019, 10, 3616.	5.8	44
29	Widespread Translational Control of Fibrosis in the Human Heart by RNA-Binding Proteins. <i>Circulation</i> , 2019, 140, 937-951.	1.6	95
30	Inhibiting Interleukin 11 Signaling Reduces Hepatocyte Death and Liver Fibrosis, Inflammation, and Steatosis in Mouse Models of Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2019, 157, 777-792.e14.	0.6	183
31	Interleukin-11 is a therapeutic target in idiopathic pulmonary fibrosis. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	189
32	The Translational Landscape of the Human Heart. <i>Cell</i> , 2019, 178, 242-260.e29.	13.5	407
33	Titin truncations lead to impaired cardiomyocyte autophagy and mitochondrial function in vivo. <i>Human Molecular Genetics</i> , 2019, 28, 1971-1981.	1.4	19
34	deltaTE: Detection of Translationally Regulated Genes by Integrative Analysis of Ribosome-seq and RNA-seq Data. <i>Current Protocols in Molecular Biology</i> , 2019, 129, e108.	2.9	77
35	IL-11 is a crucial determinant of cardiovascular fibrosis. <i>Nature</i> , 2017, 552, 110-115.	13.7	451
36	Titin-truncating variants affect heart function in disease cohorts and the general population. <i>Nature Genetics</i> , 2017, 49, 46-53.	9.4	255

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37	Natural genetic variation of the cardiac transcriptome in non-diseased donors and patients with dilated cardiomyopathy. <i>Genome Biology</i> , 2017, 18, 170.	3.8	70
38	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1435-1448.	1.2	113
39	A mutation in the glutamate-rich region of RNA-binding motif protein 20 causes dilated cardiomyopathy through missplicing of titin and impaired Frank-Starling mechanism. <i>Cardiovascular Research</i> , 2016, 112, 452-463.	1.8	97
40	Wars2 is a determinant of angiogenesis. <i>Nature Communications</i> , 2016, 7, 12061.	5.8	45
41	Development of a Comprehensive Sequencing Assay for Inherited Cardiac Condition Genes. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 3-11.	1.1	80
42	Integrated allelic, transcriptional, and phenotypic dissection of the cardiac effects of titin variation in health and disease. <i>Heart</i> , 2015, 101, A93.1-A93.	1.2	0
43	Alternative Splicing Signatures in RNA-seq Data: Percent Spliced in (PSI). <i>Current Protocols in Human Genetics</i> , 2015, 87, 11.16.1-11.16.14.	3.5	104
44	Translational regulation shapes the molecular landscape of complex disease phenotypes. <i>Nature Communications</i> , 2015, 6, 7200.	5.8	79
45	Genomic landscape of rat strain and substrain variation. <i>BMC Genomics</i> , 2015, 16, 357.	1.2	84
46	ZBTB17 (MIZ1) Is Important for the Cardiac Stress Response and a Novel Candidate Gene for Cardiomyopathy and Heart Failure. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 643-652.	5.1	12
47	histoneHMM: Differential analysis of histone modifications with broad genomic footprints. <i>BMC Bioinformatics</i> , 2015, 16, 60.	1.2	28
48	Integrated allelic, transcriptional, and phenomic dissection of the cardiac effects of titin truncations in health and disease. <i>Science Translational Medicine</i> , 2015, 7, 270ra6.	5.8	375
49	Titin mutations in iPS cells define sarcomere insufficiency as a cause of dilated cardiomyopathy. <i>Science</i> , 2015, 349, 982-986.	6.0	508
50	The GYF domain protein CD2BP2 is critical for embryogenesis and podocyte function. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 402-414.	1.5	9
51	Protease inhibitor 15, a candidate gene for abdominal aortic internal elastic lamina ruptures in the rat. <i>Physiological Genomics</i> , 2014, 46, 418-428.	1.0	18
52	Recessive TTN truncating mutations define novel forms of core myopathy with heart disease. <i>Human Molecular Genetics</i> , 2014, 23, 980-991.	1.4	149
53	Natural variation of histone modification and its impact on gene expression in the rat genome. <i>Genome Research</i> , 2014, 24, 942-953.	2.4	53
54	RNA-binding protein RBM20 represses splicing to orchestrate cardiac pre-mRNA processing. <i>Journal of Clinical Investigation</i> , 2014, 124, 3419-3430.	3.9	176

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55	Quantitative and Qualitative Proteome Characteristics Extracted from In-Depth Integrated Genomics and Proteomics Analysis. <i>Cell Reports</i> , 2013, 5, 1469-1478.	2.9	113
56	Fine Mapping of the 1p36 Deletion Syndrome Identifies Mutation of PRDM16 as a Cause of Cardiomyopathy. <i>American Journal of Human Genetics</i> , 2013, 93, 67-77.	2.6	164
57	RBM20, a gene for hereditary cardiomyopathy, regulates titin splicing. <i>Nature Medicine</i> , 2012, 18, 766-773.	15.2	471
58	Cell-surface sensors for real-time probing of cellular environments. <i>Nature Nanotechnology</i> , 2011, 6, 524-531.	15.6	201
59	Engineered cell homing. <i>Blood</i> , 2011, 118, e184-e191.	0.6	187
60	Mimicking the inflammatory cell adhesion cascade by nucleic acid aptamer programmed cell-cell interactions. <i>FASEB Journal</i> , 2011, 25, 3045-3056.	0.2	43