

# Sven O Twardziok

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

8,342  
citations

257429

24  
h-index

345203

36  
g-index

41  
all docs

41  
docs citations

41  
times ranked

11401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex landscape of alternative splicing in myeloid neoplasms. <i>Leukemia</i> , 2021, 35, 1108-1120.	7.2	39
2	Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. <i>Nature Biotechnology</i> , 2021, 39, 705-716.	17.5	129
3	Implementing FAIR data management within the German Network for Bioinformatics Infrastructure (de.NBI) exemplified by selected use cases. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	18
4	Homozygous BCMA gene deletion in response to anti-BCMA CAR T cells in a patient with multiple myeloma. <i>Nature Medicine</i> , 2021, 27, 616-619.	30.7	140
5	The combination of WGS and RNA-Seq is superior to conventional diagnostic tests in multiple myeloma: Ready for prime time?. <i>Cancer Genetics</i> , 2020, 242, 15-24.	0.4	32
6	Molecular landscape and clonal architecture of adult myelodysplastic/myeloproliferative neoplasms. <i>Blood</i> , 2020, 136, 1851-1862.	1.4	112
7	COVID-19 severity correlates with airway epithelium-immune cell interactions identified by single-cell analysis. <i>Nature Biotechnology</i> , 2020, 38, 970-979.	17.5	887
8	“Somatic” and “pathogenic” is the classification strategy applicable in times of large-scale sequencing?. <i>Haematologica</i> , 2019, 104, 1515-1520.	3.5	9
9	Dark-matter matters: Discriminating subtle blood cancers using the darkest DNA. <i>PLoS Computational Biology</i> , 2019, 15, e1007332.	3.2	7
10	Durum wheat genome highlights past domestication signatures and future improvement targets. <i>Nature Genetics</i> , 2019, 51, 885-895.	21.4	576
11	Combining RNA-seq data and homology-based gene prediction for plants, animals and fungi. <i>BMC Bioinformatics</i> , 2018, 19, 189.	2.6	192
12	Gene Prediction in the Barley Genome. <i>Compendium of Plant Genomes</i> , 2018, , 73-88.	0.5	0
13	Shifting the limits in wheat research and breeding using a fully annotated reference genome. <i>Science</i> , 2018, 361, .	12.6	2,424
14	Chromosome-scale comparative sequence analysis unravels molecular mechanisms of genome dynamics between two wheat cultivars. <i>Genome Biology</i> , 2018, 19, 104.	8.8	54
15	The pseudogenes of barley. <i>Plant Journal</i> , 2018, 93, 502-514.	5.7	14
16	A chromosome conformation capture ordered sequence of the barley genome. <i>Nature</i> , 2017, 544, 427-433.	27.8	1,365
17	Light and Plastid Signals Regulate Different Sets of Genes in the Albino Mutant Pap7-1. <i>Plant Physiology</i> , 2017, 175, 1203-1219.	4.8	29
18	Wild emmer genome architecture and diversity elucidate wheat evolution and domestication. <i>Science</i> , 2017, 357, 93-97.	12.6	781

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19	Genome sequence of the progenitor of the wheat D genome <i>Aegilops tauschii</i> . <i>Nature</i> , 2017, 551, 498-502.	27.8	563
20	Towards a whole-genome sequence for rye ( <i>Secale cereale</i> L.). <i>Plant Journal</i> , 2017, 89, 853-869.	5.7	238
21	The repetitive landscape of the 5100 Mbp barley genome. <i>Mobile DNA</i> , 2017, 8, 22.	3.6	49
22	Probiotic Treatment Decreases the Number of CD14-Expressing Cells in Porcine Milk Which Correlates with Several Intestinal Immune Parameters in the Piglets. <i>Frontiers in Immunology</i> , 2015, 6, 108.	4.8	25
23	Effects of age and zinc supplementation on transport properties in the jejunum of piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015, 99, 542-552.	2.2	10
24	The General Composition of the Faecal Virome of Pigs Depends on Age, but Not on Feeding with a Probiotic Bacterium. <i>PLoS ONE</i> , 2014, 9, e88888.	2.5	34
25	Crosstalk Between Host, Microbiome and Probiotics: A Systems Biology Approach for Analyzing the Effects of Probiotic <i>Enterococcus faecium</i> NCIMB 10415 in Piglets. <i>Molecular Informatics</i> , 2014, 33, 171-182.	2.5	4
26	Elevated dietary zinc oxide levels do not have a substantial effect on porcine reproductive and respiratory syndrome virus (PPRSV) vaccination and infection. <i>Virology Journal</i> , 2014, 11, 140.	3.4	3
27	High-dose dietary zinc oxide mitigates infection with transmissible gastroenteritis virus in piglets. <i>BMC Veterinary Research</i> , 2014, 10, 75.	1.9	31
28	<i>Enterococcus faecium</i> NCIMB 10415 supplementation affects intestinal immune-associated gene expression in post-weaning piglets. <i>Veterinary Immunology and Immunopathology</i> , 2014, 157, 65-77.	1.2	35
29	Dietary <i>Enterococcus faecium</i> NCIMB 10415 and Zinc Oxide Stimulate Immune Reactions to Trivalent Influenza Vaccination in Pigs but Do Not Affect Virological Response upon Challenge Infection. <i>PLoS ONE</i> , 2014, 9, e87007.	2.5	14
30	Identification of an avian group A rotavirus containing a novel VP4 gene with a close relationship to those of mammalian rotaviruses. <i>Journal of General Virology</i> , 2013, 94, 136-142.	2.9	245
31	Antiviral effects of a probiotic <i>Enterococcus faecium</i> strain against transmissible gastroenteritis coronavirus. <i>Archives of Virology</i> , 2013, 158, 799-807.	2.1	66
32	Porcine intestinal mast cells. Evaluation of different fixatives for histochemical staining techniques considering tissue shrinkage. <i>European Journal of Histochemistry</i> , 2013, 57, 21.	1.5	27
33	Characterization of the effects of <i>Enterococcus faecium</i> on intestinal epithelial transport properties in piglets. <i>Journal of Animal Science</i> , 2013, 91, 1707-1718.	0.5	29
34	Inhibitory Influence of <i>Enterococcus faecium</i> on the Propagation of Swine Influenza A Virus In Vitro. <i>PLoS ONE</i> , 2013, 8, e53043.	2.5	54
35	Allelic variations in coding regions of the vitamin D receptor gene in dairy cows and potential susceptibility to periparturient hypocalcaemia. <i>Journal of Dairy Research</i> , 2012, 79, 423-428.	1.4	8
36	Simultaneous Identification of DNA and RNA Viruses Present in Pig Faeces Using Process-Controlled Deep Sequencing. <i>PLoS ONE</i> , 2012, 7, e34631.	2.5	77

#	ARTICLE	IF	CITATIONS
37	Evidence for Regulated Interleukin-4 Expression in Chondrocyte-Scaffolds under In Vitro Inflammatory Conditions. PLoS ONE, 2011, 6, e25749.	2.5	18
38	Stochasticity in reactions. , 2010, , .		3