

# Sascha H C Duttke

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,437  
citations

471061

17  
h-index

525886

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2571  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Genetically Diverse Macrophages Reveals Local and Domain-wide Mechanisms that Control Transcription Factor Binding and Function. <i>Cell</i> , 2018, 173, 1796-1809.e17.	13.5	165
2	Developmental plasticity, morphological variation and evolvability: a multilevel analysis of morphometric integration in the shape of compound leaves. <i>Journal of Evolutionary Biology</i> , 2012, 25, 115-129.	0.8	137
3	Nascent RNA sequencing reveals distinct features in plant transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12316-12321.	3.3	136
4	Human Promoters Are Intrinsically Directional. <i>Molecular Cell</i> , 2015, 57, 674-684.	4.5	115
5	RNA-directed DNA methylation involves co-transcriptional small-RNA-guided slicing of polymerase V transcripts in <i>Arabidopsis</i> . <i>Nature Plants</i> , 2018, 4, 181-188.	4.7	106
6	Identification and dynamic quantification of regulatory elements using total RNA. <i>Genome Research</i> , 2019, 29, 1836-1846.	2.4	102
7	The Dfm1 Derlin Is Required for ERAD Retrotranslocation of Integral Membrane Proteins. <i>Molecular Cell</i> , 2018, 69, 306-320.e4.	4.5	76
8	The human initiator is a distinct and abundant element that is precisely positioned in focused core promoters. <i>Genes and Development</i> , 2017, 31, 6-11.	2.7	73
9	TRF2, but not TBP, mediates the transcription of ribosomal protein genes. <i>Genes and Development</i> , 2014, 28, 1550-1555.	2.7	72
10	Mutant p53 shapes the enhancer landscape of cancer cells in response to chronic immune signaling. <i>Nature Communications</i> , 2017, 8, 754.	5.8	71
11	DNA methylation-linked chromatin accessibility affects genomic architecture in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	70
12	Diverse motif ensembles specify non-redundant DNA binding activities of AP-1 family members in macrophages. <i>Nature Communications</i> , 2019, 10, 414.	5.8	49
13	MBD5 and MBD6 couple DNA methylation to gene silencing through the J-domain protein SILENZIO. <i>Science</i> , 2021, 372, 1434-1439.	6.0	38
14	TRF2 and the evolution of the bilateria. <i>Genes and Development</i> , 2014, 28, 2071-2076.	2.7	35
15	The Role of Auxin in the Pattern Formation of the Asteraceae Flower Head (Capitulum). <i>Plant Physiology</i> , 2019, 179, 391-401.	2.3	34
16	Evolution and diversification of the basal transcription machinery. <i>Trends in Biochemical Sciences</i> , 2015, 40, 127-129.	3.7	22
17	RNA Polymerase III Accurately Initiates Transcription from RNA Polymerase II Promoters in Vitro. <i>Journal of Biological Chemistry</i> , 2014, 289, 20396-20404.	1.6	19
18	Perspectives on Unidirectional versus Divergent Transcription. <i>Molecular Cell</i> , 2015, 60, 348-349.	4.5	19

#	ARTICLE	IF	CITATIONS
19	DNMT3A haploinsufficiency causes dichotomous DNA methylation defects at enhancers in mature human immune cells. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	16
20	Mutant Flower Morphologies in the Wind Orchid, a Novel Orchid Model Species. <i>Plant Physiology</i> , 2012, 158, 1542-1547.	2.3	13
21	Assays for protein retrotranslocation in ERAD. <i>Methods in Enzymology</i> , 2019, 619, 1-26.	0.4	9
22	Decoding Transcription Regulatory Mechanisms Associated with <i>Coccidioides immitis</i> Phase Transition Using Total RNA. <i>MSystems</i> , 2022, 7, e0140421.	1.7	8
23	A Chinese hamster transcription start site atlas that enables targeted editing of CHO cells. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab061.	1.5	7
24	Glucocorticoid Receptor-Regulated Enhancers Play a Central Role in the Gene Regulatory Networks Underlying Drug Addiction. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	7
25	Inner-nuclear-membrane-associated degradation employs Dfm1-independent retrotranslocation and alleviates misfolded transmembrane-protein toxicity. <i>Molecular Biology of the Cell</i> , 2021, 32, 521-537.	0.9	6
26	Meeting report: 11th EMBL conference on transcription and chromatin - August 23-26, 2014 - Heidelberg, Germany. <i>Epigenetics</i> , 2014, 9, 1317-1321.	1.3	1