

# Eric Tycksen

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,895  
citations

567281

15  
h-index

434195

31  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mining exomic sequencing data to identify mutated antigens recognized by adoptively transferred tumor-reactive T cells. <i>Nature Medicine</i> , 2013, 19, 747-752.	30.7	979
2	Zika virus has oncolytic activity against glioblastoma stem cells. <i>Journal of Experimental Medicine</i> , 2017, 214, 2843-2857.	8.5	179
3	Nucleo-cytoplasmic Partitioning of ARF Proteins Controls Auxin Responses in <i>Arabidopsis thaliana</i> . <i>Molecular Cell</i> , 2019, 76, 177-190.e5.	9.7	165
4	Combinatorial Transcriptional Profiling of Mouse and Human Enteric Neurons Identifies Shared and Disparate Subtypes In Situ. <i>Gastroenterology</i> , 2021, 160, 755-770.e26.	1.3	67
5	MicroRNA-181a/b-1 over-expression enhances osteogenesis by modulating PTEN/PI3K/AKT signaling and mitochondrial metabolism. <i>Bone</i> , 2019, 123, 92-102.	2.9	59
6	Ablation of Fat Cells in Adult Mice Induces Massive Bone Gain. <i>Cell Metabolism</i> , 2020, 32, 801-813.e6.	16.2	51
7	JARID2 Functions as a Tumor Suppressor in Myeloid Neoplasms by Repressing Self-Renewal in Hematopoietic Progenitor Cells. <i>Cancer Cell</i> , 2018, 34, 741-756.e8.	16.8	44
8	GLP-1 Notch $\rightarrow$ LAG-1 CSL control of the germline stem cell fate is mediated by transcriptional targets <i>lst-1</i> and <i>sygl-1</i> . <i>PLoS Genetics</i> , 2020, 16, e1008650.	3.5	34
9	Gut microbiota $\rightarrow$ derived short-chain fatty acids protect against the progression of endometriosis. <i>Life Science Alliance</i> , 2021, 4, e202101224.	2.8	31
10	Splicing factor SF3B1 promotes endometrial cancer progression via regulating KSR2 RNA maturation. <i>Cell Death and Disease</i> , 2020, 11, 842.	6.3	30
11	ORAI1 and ORAI2 modulate murine neutrophil calcium signaling, cellular activation, and host defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24403-24414.	7.1	27
12	Probing the changes in gene expression due to $\beta$ -crystallin mutations in mouse models of hereditary human cataract. <i>PLoS ONE</i> , 2018, 13, e0190817.	2.5	23
13	Cellular, circuit and transcriptional framework for modulation of itch in the central amygdala. <i>ELife</i> , 2021, 10, .	6.0	22
14	PPAR $\beta$ Deficiency Suppresses the Release of IL-1 $\beta$ and IL-1 $\alpha$ in Macrophages via a Type 1 IFN $\rightarrow$ Dependent Mechanism. <i>Journal of Immunology</i> , 2018, 201, 2054-2069.	0.8	20
15	MicroRNA $\rightarrow$ 138 Inhibits Osteogenic Differentiation and Mineralization of Human Dedifferentiated Chondrocytes by Regulating RhoC and the Actin Cytoskeleton. <i>JBMR Plus</i> , 2019, 3, e10071.	2.7	20
16	Loss of Quaking RNA binding protein disrupts the expression of genes associated with astrocyte maturation in mouse brain. <i>Nature Communications</i> , 2021, 12, 1537.	12.8	19
17	Role of Mineralocorticoid Receptor in Adipogenesis and Obesity in Male Mice. <i>Endocrinology</i> , 2020, 161, .	2.8	17
18	The role of Twist1 in mutant huntingtin $\rightarrow$ induced transcriptional alterations and neurotoxicity. <i>Journal of Biological Chemistry</i> , 2018, 293, 11850-11866.	3.4	15

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19	Monoacylglycerol Acyltransferase 1 Knockdown Exacerbates Hepatic Ischemia/Reperfusion Injury in Mice With Hepatic Steatosis. <i>Liver Transplantation</i> , 2021, 27, 116-133.	2.4	12
20	Multi-platform assessment of transcriptional profiling technologies utilizing a precise probe mapping methodology. <i>BMC Genomics</i> , 2015, 16, 710.	2.8	11
21	Human Primary Macrophages Derived In Vitro from Circulating Monocytes Comprise Adherent and Non-Adherent Subsets with Differential Expression of Siglec-1 and CD4 and Permissiveness to HIV-1 Infection. <i>Frontiers in Immunology</i> , 2017, 8, 1352.	4.8	11
22	Osterix-Cre marks distinct subsets of CD45- and CD45+ stromal populations in extra-skeletal tumors with pro-tumorigenic characteristics. <i>ELife</i> , 2020, 9, .	6.0	11
23	A dominant negative variant of <i>RAB5B</i> disrupts maturation of surfactant protein B and surfactant protein C. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	9
24	RNA-seq analysis of chondrocyte transcriptome reveals genetic heterogeneity in LG/J and SM/J murine strains. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 516-527.	1.3	8
25	High Resolution HLA Typing by Next Generation Exome Sequencing. <i>Blood</i> , 2012, 120, 4166-4166.	1.4	7
26	Human iPSC-Derived Neuronal Cells From CTBP1-Mutated Patients Reveal Altered Expression of Neurodevelopmental Gene Networks. <i>Frontiers in Neuroscience</i> , 2020, 14, 562292.	2.8	6
27	Diet Modifies Pioglitazone's Influence on Hepatic PPAR $\gamma$ -Regulated Mitochondrial Gene Expression. <i>PPAR Research</i> , 2020, 2020, 1-20.	2.4	5
28	Selective sweep for an enhancer involucrin allele identifies skin barrier adaptation out of Africa. <i>Nature Communications</i> , 2021, 12, 2557.	12.8	5
29	Labor induction with oxytocin in pregnant rats is not associated with oxidative stress in the fetal brain. <i>Scientific Reports</i> , 2022, 12, 3143.	3.3	4
30	Site-1 protease ablation in the osterix-lineage in mice results in bone marrow neutrophilia and hematopoietic stem cell alterations. <i>Biology Open</i> , 2020, 9, .	1.2	2
31	Regulation of PGC1 $\beta$ Downstream of the Insulin Signaling Pathway Plays a Role in the Hepatic Proteotoxicity of Mutant $\Delta$ 1-Antitrypsin Deficiency Variant Z. <i>Gastroenterology</i> , 2022, 163, 270-284.	1.3	1
32	N-cadherin in osteolineage cells modulates stromal support of tumor growth. <i>Journal of Bone Oncology</i> , 2021, 28, 100356.	2.4	0