Sebastian J Arnold

List of Publications by Year
in descending order

48 papers	5,557 citations	172457 29 h-index	214800 47 g-index
56 all docs	56 docs citations	56 times ranked	11640 citing authors

#	Article	IF	Citations
1	Adult Expression of Tbr2 Is Required for the Maintenance but Not Survival of Intrinsically Photosensitive Retinal Ganglion Cells. Frontiers in Cellular Neuroscience, 2022, 16, 826590.	3.7	2
2	Spatiotemporal sequence of mesoderm and endoderm lineage segregation during mouse gastrulation. Development (Cambridge), 2021, 148, .	2.5	28
3	EOMES and IL-10 regulate antitumor activity of T regulatory type 1 CD4+ T cells in chronic lymphocytic leukemia. Leukemia, 2021, 35, 2311-2324.	7.2	27
4	3D biomimetic platform reveals the first interactions of the embryo and the maternal blood vessels. Developmental Cell, 2021, 56, 3276-3287.e8.	7.0	27
5	Single-cell RNA-sequencing identifies the developmental trajectory of C-Myc-dependent NK1.1âˆ’ T-bet+ intraepithelial lymphocyte precursors. Mucosal Immunology, 2020, 13, 257-270.	6.0	11
6	Eomes cannot replace its paralog T-bet during expansion and differentiation of CD8 effector T cells. PLoS Pathogens, 2020, 16, e1008870.	4.7	7
7	Translational derepression of Elavl4Âisoforms at their alternative 5â€² UTRs determines neuronal development. Nature Communications, 2020, 11, 1674.	12.8	40
8	Intermediate progenitors support migration of neural stem cells into dentate gyrus outer neurogenic niches. ELife, 2020, 9, .	6.0	37
9	Biallelic loss of function variants in <i>PPP1R21</i> cause a neurodevelopmental syndrome with impaired endocytic function. Human Mutation, 2019, 40, 267-280.	2.5	15
10	Eomes and Brachyury control pluripotency exit and germ-layer segregation by changing the chromatin state. Nature Cell Biology, 2019, 21, 1518-1531.	10.3	81
11	A stochastic framework of neurogenesis underlies the assembly of neocortical cytoarchitecture. ELife, 2019, 8, .	6.0	79
12	Lack of Type 2 Innate Lymphoid Cells Promotes a Type I-Driven Enhanced Immune Response in Contact Hypersensitivity. Journal of Investigative Dermatology, 2018, 138, 1962-1972.	0.7	31
13	CXCL12â€mediated feedback from granule neurons regulates generation and positioning of new neurons in the dentate gyrus. Glia, 2018, 66, 1566-1576.	4.9	18
14	Engineering kidney cells: reprogramming and directed differentiation to renal tissues. Cell and Tissue Research, 2017, 369, 185-197.	2.9	17
15	Efficient genome editing of differentiated renal epithelial cells. Pflugers Archiv European Journal of Physiology, 2017, 469, 303-311.	2.8	17
16	The E2A splice variant E47 regulates the differentiation of projection neurons via p57(KIP2) during cortical development. Development (Cambridge), 2017, 144, 3917-3931.	2.5	28
17	Tissue microenvironment dictates the fate and tumor-suppressive function of type 3 ILCs. Journal of Experimental Medicine, 2017, 214, 2331-2347.	8.5	78
18	A dualâ€fluorescence reporter in the <i>Eomes</i> locus for live imaging and mediumâ€term lineage tracing. Genesis, 2017, 55, e23043.	1.6	6

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19	Reprogramming to pluripotency does not require transition through a primitive streak-like state. Scientific Reports, 2017, 7, 16543.	3.3	7
20	Interleukin-12 bypasses common gamma-chain signalling in emergency natural killer cell lymphopoiesis. Nature Communications, 2016, 7, 13708.	12.8	24
21	Intermediate Progenitor Cohorts Differentially Generate Cortical Layers and Require Tbr2 for Timely Acquisition of Neuronal Subtype Identity. Cell Reports, 2016, 16, 92-105.	6.4	97
22	Direct reprogramming of fibroblasts into renal tubular epithelial cells by defined transcription factors. Nature Cell Biology, 2016, 18, 1269-1280.	10.3	113
23	A flexible, multilayered protein scaffold maintains the slit in between glomerular podocytes. JCI Insight, 2016, 1, .	5.0	69
24	A Resource for the Transcriptional Signature of Bona Fide Trophoblast Stem Cells and Analysis of Their Embryonic Persistence. Stem Cells International, 2015, 2015, 1-13.	2.5	9
25	Intermediate Progenitors Facilitate Intracortical Progression of Thalamocortical Axons and Interneurons through CXCL12 Chemokine Signaling. Journal of Neuroscience, 2015, 35, 13053-13063.	3.6	35
26	Cortical and Clonal Contribution of Tbr2 Expressing Progenitors in the Developing Mouse Brain. Cerebral Cortex, 2015, 25, 3290-3302.	2.9	144
27	<i>Cyclin O</i> (<i>Ccno</i>) functions during deuterosomeâ€mediated centriole amplification of multiciliated cells. EMBO Journal, 2015, 34, 1078-1089.	7.8	72
28	Ablation of hippocampal neurogenesis in mice impairs the response to stress during the dark cycle. Nature Communications, 2015, 6, 8373.	12.8	60
29	Eomesodermin Expression in CD4+ T Cells Restricts Peripheral Foxp3 Induction. Journal of Immunology, 2015, 195, 4742-4752.	0.8	36
30	Out-of-frame start codons prevent translation of truncated nucleo-cytosolic cathepsin L in vivo. Nature Communications, 2014, 5, 4931.	12.8	18
31	Differentiation of Type 1 ILCs from a Common Progenitor to All Helper-like Innate Lymphoid Cell Lineages. Cell, 2014, 157, 340-356.	28.9	939
32	The Transcription Factor T-bet Is Induced by IL-15 and Thymic Agonist Selection and Controls CD8Î±Î±+ Intraepithelial Lymphocyte Development. Immunity, 2014, 41, 230-243.	14.3	107
33	MicroRNAs Establish Robustness and Adaptability of a Critical Gene Network to Regulate Progenitor Fate Decisions during Cortical Neurogenesis. Cell Reports, 2014, 7, 1779-1788.	6.4	56
34	Lysine-specific demethylase 1 regulates differentiation onset and migration of trophoblast stem cells. Nature Communications, 2014, 5, 3174.	12.8	55
35	Generation and characterization of a tamoxifenâ€inducible Eomes^{CreER} mouse line. Genesis, 2013, 51, 725-733.	1.6	30
36	The T-box transcription factor Eomesodermin acts upstream of Mesp1 to specify cardiac mesoderm during mouse gastrulation. Nature Cell Biology, 2011, 13, 1084-1091.	10.3	210

#	ARTICLE	IF	CITATIONS
37	Pluripotency factors regulate definitive endoderm specification through eomesodermin. Genes and Development, 2011, 25, 238-250.	5.9	303
38	Inversin relays Frizzled-8 signals to promote proximal pronephros development. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20388-20393.	7.1	50
39	Autophagy influences glomerular disease susceptibility and maintains podocyte homeostasis in aging mice. Journal of Clinical Investigation, 2010, 120, 1084-1096.	8.2	604
40	Blimp-1/Prdm1 Alternative Promoter Usage during Mouse Development and Plasma Cell Differentiation. Molecular and Cellular Biology, 2009, 29, 5813-5827.	2.3	57
41	Generation and analysis of a mouse line harboring GFP in the Eomes/Tbr2 locus. Genesis, 2009, 47, 775-781.	1.6	63
42	Making a commitment: cell lineage allocation and axis patterning in the early mouse embryo. Nature Reviews Molecular Cell Biology, 2009, 10, 91-103.	37.0	690
43	Pivotal roles for eomesodermin during axis formation,epithelium-to-mesenchyme transition and endoderm specification in the mouse. Development (Cambridge), 2008, 135, 501-511.	2.5	220
44	The T-box transcription factor Eomes/Tbr2 regulates neurogenesis in the cortical subventricular zone. Genes and Development, 2008, 22, 2479-2484.	5.9	289
45	VACTERL/caudal regression/Currarino syndrome-like malformations in mice with mutation in the proprotein convertase<i>Pcsk5</i>. Genes and Development, 2008, 22, 1465-1477.	5.9	110
46	Blimp1 regulates development of the posterior forelimb, caudal pharyngeal arches, heart and sensory vibrissae in mice. Development (Cambridge), 2007, 134, 4335-4345.	2.5	119
47	Dose-dependent Smad1, Smad5 and Smad8 signaling in the early mouse embryo. Developmental Biology, 2006, 296, 104-118.	2.0	139
48	Brachyury is a target gene of the Wnt/Î²-catenin signaling pathway. Mechanisms of Development, 2000, 91, 249-258.	1.7	269