Mathias Treier

List of Publications by Year
in descending order

34	4,891	257450 24	377865 34
papers	citations	h-index	g-index

35	35	35	6111
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Epigenetic control of melanoma cell invasiveness by the stem cell factor SALL4. Nature Communications, 2021, 12, 5056.	12.8	15
2	MicroRNA-7a2 Regulates Prolactin in Developing Lactotrophs and Prolactinoma Cells. Endocrinology, 2021, 162, .	2.8	10
3	Human Follicle-Stimulating Hormone ÃŸ Subunit Expression Depends on FOXL2 and SMAD4. Endocrinology, 2020, 161, .	2.8	8
4	BigStitcher: reconstructing high-resolution image datasets of cleared and expanded samples. Nature Methods, 2019, 16, 870-874.	19.0	214
5	Functional identity of hypothalamic melanocortin neurons depends on Tbx3. Nature Metabolism, 2019, 1, 222-235.	11.9	27
6	MacroH2A histone variants limit chromatin plasticity through two distinct mechanisms. EMBO Reports, 2018, 19, .	4.5	60
7	NOTCH activity differentially affects alternative cell fate acquisition and maintenance. ELife, 2018, 7, .	6.0	14
8	Conditional Deletion of FOXL2 and SMAD4 in Gonadotropes of Adult Mice Causes Isolated FSH Deficiency. Endocrinology, 2018, 159, 2641-2655.	2.8	26
9	Etiology of craniofacial malformations in mouse models of blepharophimosis, ptosis and epicanthus inversus syndrome. Human Molecular Genetics, 2015, 24, 1670-1681.	2.9	25
10	Role of Foxl2 in uterine maturation and function. Human Molecular Genetics, 2015, 24, 3092-3103.	2.9	30
11	Follicleâ€stimulating hormone synthesis and fertility depend on SMAD4 and FOXL2. FASEB Journal, 2014, 28, 3396-3410.	0.5	68
12	Impaired Fertility and FSH Synthesis in Gonadotrope-Specific Foxl2 Knockout Mice. Molecular Endocrinology, 2013, 27, 407-421.	3.7	64
13	Transient development of ovotestes in XX Sox9 transgenic mice. Developmental Biology, 2011, 349, 65-77.	2.0	10
14	Forkhead transcription factors in ovarian function. Reproduction, 2011, 142, 489-495.	2.6	77
15	Molecular mechanisms in renal degenerative disease. Seminars in Cell and Developmental Biology, 2010, 21, 831-837.	5.0	7
16	The bHLH transcription factor Olig3 marks the dorsal neuroepithelium of the hindbrain and is essential for the development of brainstem nuclei. Development (Cambridge), 2009, 136, 295-305.	2.5	94
17	Somatic Sex Reprogramming of Adult Ovaries to Testes by FOXL2 Ablation. Cell, 2009, 139, 1130-1142.	28.9	815
18	Transcriptional regulators in kidney disease: gatekeepers of renal homeostasis. Trends in Genetics, 2008, 24, 361-371.	6.7	28

#	Article	IF	Citations
19	Bsx, a Novel Hypothalamic Factor Linking Feeding with Locomotor Activity, Is Regulated by Energy Availability. Endocrinology, 2008, 149, 3009-3015.	2.8	52
20	Bmp and Wnt/Î²-catenin signals control expression of the transcription factor Olig3 and the specification of spinal cord neurons. Developmental Biology, 2007, 303, 181-190.	2.0	77
21	A Role for Brain-Specific Homeobox Factor Bsx in the Control of Hyperphagia and Locomotory Behavior. Cell Metabolism, 2007, 5, 450-463.	16.2	103
22	Characterization of progenitor domains in the developing mouse thalamus. Journal of Comparative Neurology, 2007, 505, 73-91.	1.6	141
23	Loss of GLIS2 causes nephronophthisis in humans and mice by increased apoptosis and fibrosis. Nature Genetics, 2007, 39, 1018-1024.	21.4	221
24	Foxl2 function in ovarian development. Molecular Genetics and Metabolism, 2006, 88, 225-234.	1.1	132
25	Murine inner cell mass-derived lineages depend on Sall4 function. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16319-16324.	7.1	171
26	The bHLH factor Olig3 coordinates the specification of dorsal neurons in the spinal cord. Genes and Development, 2005, 19, 733-743.	5.9	128
27	Lack of an adrenal cortex in Sf1 mutant mice is compatible with the generation and differentiation of chromaffin cells. Development (Cambridge), 2005, 132, 4611-4619.	2.5	67
28	The murine winged-helix transcription factor Foxl2 is required for granulosa cell differentiation and ovary maintenance. Development (Cambridge), 2004, 131, 933-942.	2.5	623
29	Reciprocal Interactions of Pit1 and GATA2 Mediate Signaling Gradientâ€"Induced Determination of Pituitary Cell Types. Cell, 1999, 97, 587-598.	28.9	292
30	Identification of a Novel Family of Ubiquitin-conjugating Enzymes with Distinct Amino-terminal Extensions. Journal of Biological Chemistry, 1996, 271, 2789-2794.	3.4	80
31	The hypothalamic-pituitary axis; co-development of two organs. Current Opinion in Cell Biology, 1996, 8, 833-843.	5.4	129
32	Differential Regulation of c-Jun and JunD by Ubiquitin-Dependent Protein Degradation. Biological Chemistry Hoppe-Seyler, 1996, 377, 619-624.	1.4	18
33	JUN cooperates with the ETS domain protein pointed to induce photoreceptor R7 fate in the Drosophila eye. Cell, 1995, 83, 753-760.	28.9	115
34	Ubiquitin-dependent c-Jun degradation in vivo is mediated by the Î´ domain. Cell, 1994, 78, 787-798.	28.9	935