Thomas J Cunningham

List of Publications by Year
in descending order

31	1,865	394421 19	434195 31
papers	citations	h-index	g-index

32	32	32	3470
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lipid Metabolic Alterations in the ALSâ€“FTD Spectrum of Disorders. Biomedicines, 2022, 10, 1105.	3.2	13
2	Sizing, stabilising, and cloning repeat-expansions for gene targeting constructs. Methods, 2021, 191, 15-22.	3.8	2
3	A novel knockout mouse for the small EDRK-rich factor 2 (Serf2) showing developmental and other deficits. Mammalian Genome, 2021, 32, 94-103.	2.2	10
4	NMJ-Analyser identifies subtle early changes in mouse models of neuromuscular disease. Scientific Reports, 2021, 11, 12251.	3.3	12
5	Generation and analysis of innovative genomically humanized knockin SOD1, TARDBP (TDP-43), and FUS mouse models. IScience, 2021, 24, 103463.	4.1	4
6	DNA Editing for Amyotrophic Lateral Sclerosis: Leading Off First Base. CRISPR Journal, 2020, 3, 75-77.	2.9	1
7	Uses for humanised mouse models in precision medicine for neurodegenerative disease. Mammalian Genome, 2019, 30, 173-191.	2.2	22
8	Humanising the mouse genome piece by piece. Nature Communications, 2019, 10, 1845.	12.8	78
9	The Stat3-Fam3a axis promotes muscle stem cell myogenic lineage progression by inducing mitochondrial respiration. Nature Communications, 2019, 10, 1796.	12.8	38
10	TDP-43 mutations increase HNRNP A1-7B through gain of splicing function. Brain, 2018, 141, e83-e83.	7.6	7
11	Mouse but not zebrafish requires retinoic acid for control of neuromesodermal progenitors and body axis extension. Developmental Biology, 2018, 441, 127-131.	2.0	23
12	Genomic Knockout of Two Presumed Forelimb Tbx5 Enhancers Reveals They Are Nonessential for Limb Development. Cell Reports, 2018, 23, 3146-3151.	6.4	37
13	Id genes are essential for early heart formation. Genes and Development, 2017, 31, 1325-1338.	5.9	64
14	Nuclear receptor corepressors Ncor1 and Ncor2 (Smrt) are required for retinoic acid-dependent repression of Fgf8 during somitogenesis. Developmental Biology, 2016, 418, 204-215.	2.0	42
15	Early molecular events during retinoic acid induced differentiation of neuromesodermal progenitors. Biology Open, 2016, 5, 1821-1833.	1.2	37
16	Mechanisms of retinoic acid signalling and its roles in organ and limb development. Nature Reviews Molecular Cell Biology, 2015, 16, 110-123.	37.0	459
17	Retinoic acid-independent expression of Meis2 during autopod patterning in the developing bat and mouse limb. EvoDevo, 2015, 6, 6.	3.2	8
18	Wnt8a and Wnt3a cooperate in the axial stem cell niche to promote mammalian body axis extension. Developmental Dynamics, 2015, 244, 797-807.	1.8	36

#	Article	IF	Citations
19	Retinoic Acid Activity in Undifferentiated Neural Progenitors Is Sufficient to Fulfill Its Role in Restricting Fgf8 Expression for Somitogenesis. PLoS ONE, 2015, 10, e0137894.	2.5	44
20	An Evolutionarily Conserved Long Noncoding RNA TUNA Controls Pluripotency and Neural Lineage Commitment. Molecular Cell, 2014, 53, 1005-1019.	9.7	364
21	A regulatory network controls nephrocan expression and midgut patterning. Development (Cambridge), 2014, 141, 3772-3781.	2.5	6
22	Investigation of retinoic acid function during embryonic brain development using retinaldehydeâ€rescued Rdh10 knockout mice. Developmental Dynamics, 2013, 242, 1056-1065.	1.8	30
23	WT1 regulates murine hematopoiesis via maintenance of VEGF isoform ratio. Blood, 2013, 122, 188-192.	1.4	15
24	Antagonism between Retinoic Acid and Fibroblast Growth Factor Signaling during Limb Development. Cell Reports, 2013, 3, 1503-1511.	6.4	98
25	Resolving Molecular Events in the Regulation of Meiosis in Male and Female Germ Cells. Science Signaling, 2013, 6, pe25.	3.6	24
26	Whole-genome microRNA screening identifies let-7 and mir-18 as regulators of germ layer formation during early embryogenesis. Genes and Development, 2012, 26, 2567-2579.	5.9	59
27	Sex-specific timing of meiotic initiation is regulated by Cyp26b1 independent of retinoic acid signalling. Nature Communications, 2011, 2, 151.	12.8	124
28	Rdh10 mutants deficient in limb field retinoic acid signaling exhibit normal limb patterning but display interdigital webbing. Developmental Dynamics, 2011, 240, 1142-1150.	1.8	56
29	Uncoupling of retinoic acid signaling from tailbud development before termination of body axis extension. Genesis, 2011, 49, 776-783.	1.6	32
30	Retinoic acid stimulates myocardial expansion by induction of hepatic erythropoietin which activates epicardialIgf2. Development (Cambridge), 2011, 138, 139-148.	2.5	87
31	Retinoic acid controls expression of tissue remodeling genes Hmgn1 and Fgf18 at the digitâ€“interdigit junction. Developmental Dynamics, 2010, 239, 665-671.	1.8	33