Jeremy Brockes

List of Publications by Year
in descending order

58 papers	6,738 citations	109264 35 h-index	143943 57 g-index
58 all docs	58 docs citations	58 times ranked	4291 citing authors

#	Article	IF	Citations
1	A dynamic architecture of life. F1000Research, 2015, 4, 1288.	0.8	4
2	Sustained ERK Activation Underlies Reprogramming in Regeneration-Competent Salamander Cells and Distinguishes Them from Their Mammalian Counterparts. Stem Cell Reports, 2014, 3, 15-23.	2.3	47
3	Mechanisms underlying vertebrate limb regeneration: lessons from the salamander. Biochemical Society Transactions, 2014, 42, 625-630.	1.6	46
4	Regulation of p53 is critical for vertebrate limb regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17392-17397.	3.3	94
5	Nerve dependence in tissue, organ, and appendage regeneration. Trends in Neurosciences, 2012, 35, 691-699.	4.2	230
6	The Meis homeoprotein regulates the axolotl Prod 1 promoter during limb regeneration. Gene, 2011, 484, 69-74.	1.0	23
7	Functional convergence of signalling by GPI-anchored and anchorless forms of a salamander protein implicated in limb regeneration. Journal of Cell Science, 2011, 124, 47-56.	1.2	46
8	The aneurogenic limb identifies developmental cell interactions underlying vertebrate limb regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13588-13593.	3.3	45
9	A comparative study of gland cells implicated in the nerve dependence of salamander limb regeneration. Journal of Anatomy, 2010, 217, 16-25.	0.9	42
10	Tissue factor expression in newt iris coincides with thrombin activation and lens regeneration. Mechanisms of Development, 2010, 127, 321-328.	1.7	20
11	Evidence for the Local Evolution of Mechanisms Underlying Limb Regeneration in Salamanders. Integrative and Comparative Biology, 2010, 50, 528-535.	0.9	91
12	Comparative Aspects of Animal Regeneration. Annual Review of Cell and Developmental Biology, 2008, 24, 525-549.	4.0	427
13	Positional identity of adult stem cells in salamander limb regeneration. Comptes Rendus - Biologies, 2007, 330, 485-490.	0.1	78
14	Preparation of cultured myofibers from larval salamander limbs for cellular plasticity studies. Nature Protocols, 2007, 2, 939-947.	5.5	6
15	Molecular Basis for the Nerve Dependence of Limb Regeneration in an Adult Vertebrate. Science, 2007, 318, 772-777.	6.0	437
16	Regeneration, tissue injury and the immune response. Journal of Anatomy, 2006, 209, 423-432.	0.9	127
17	A Single-Cell Analysis of Myogenic Dedifferentiation Induced by Small Molecules. Chemistry and Biology, 2005, 12, 1117-1126.	6.2	60
18	Newts. Current Biology, 2005, 15, R42-R44.	1.8	12

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19	Appendage Regeneration in Adult Vertebrates and Implications for Regenerative Medicine. Science, 2005, 310, 1919-1923.	6.0	347
20	Distinctive expression of Myf5 in relation to differentiation and plasticity of newt muscle cells. International Journal of Developmental Biology, 2004, 48, 285-291.	0.3	11
21	Motif-grafted antibodies containing the replicative interface of cellular PrP are specific for PrPSc. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10404-10409.	3.3	105
22	Selective Activation of Thrombin Is a Critical Determinant for Vertebrate Lens Regeneration. Current Biology, 2003, 13, 877-881.	1.8	77
23	Heterogeneous proliferative potential in regenerative adult newt cardiomyocytes. Journal of Cell Science, 2003, 116, 4001-4009.	1.2	129
24	The Newt Ortholog of CD59 Is Implicated in Proximodistal Identity during Amphibian Limb Regeneration. Developmental Cell, 2002, 3, 547-555.	3.1	179
25	Transfer of Scrapie Prion Infectivity by Cell Contact in Culture. Current Biology, 2002, 12, 523-530.	1.8	205
26	Plasticity and reprogramming of differentiated cells in amphibian regeneration. Nature Reviews Molecular Cell Biology, 2002, 3, 566-574.	16.1	373
27	The expression pattern of tomoregulin-1 in urodele limb regeneration and mouse limb development. Mechanisms of Development, 2001, 104, 125-128.	1.7	7
28	Mammalian postmitotic nuclei reenter the cell cycle after serum stimulation in newt/mouse hybrid myotubes. Current Biology, 2001, 11, 855-858.	1.8	63
29	Plasticity of Retrovirus-Labelled Myotubes in the Newt Limb Regeneration Blastema. Developmental Biology, 2000, 218, 125-136.	0.9	137
30	Generation of mononucleate cells from post-mitotic myotubes proceeds in the absence of cell cycle progression. Differentiation, 2000, 66, 239-46.	1.0	22
31	Topics in prion cell biology. Current Opinion in Neurobiology, 1999, 9, 571-577.	2.0	27
32	Thrombin regulates S-phase re-entry by cultured newt myotubes. Current Biology, 1999, 9, 792-799.	1.8	129
33	Identification of newt connective tissue growth factor as a target of retinoid regulation in limb blastemal cells. Gene, 1998, 222, 119-124.	1.0	24
34	Immortalization of Rat Embryo Fibroblasts by a 3â€²-Untranslated Region. Experimental Cell Research, 1998, 240, 252-262.	1.2	15
35	Newt Myotubes Reenter the Cell Cycle by Phosphorylation of the Retinoblastoma Protein. Journal of Cell Biology, 1997, 136, 155-165.	2.3	194
36	Amphibian Limb Regeneration: Rebuilding a Complex Structure. Science, 1997, 276, 81-87.	6.0	450

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37	New approaches to amphibian limb regeneration. Trends in Genetics, 1994, 10, 169-173.	2.9	29
38	Cell Differentation: Muscle escapes from a jelly mould. Current Biology, 1994, 4, 1030-1032.	1.8	1
39	Delta retinoic acid receptor isoform Î´1 is distinguished by its exceptional N-terminal sequence and abundance in the limb regeneration blastema. Mechanisms of Development, 1993, 40, 99-112.	1.7	46
40	The PML-retinoic acid receptor alpha translocation converts the receptor from an inhibitor to a retinoic acid-dependent activator of transcription factor AP-1.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 9345-9349.	3.3	68
41	Introduction of a retinoid reporter gene into the urodele limb blastema.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 11386-11390.	3.3	41
42	We may not have a morphogen. Nature, 1991, 350, 15-15.	13.7	46
43	Reading the retinoid signals. Nature, 1990, 345, 766-767.	13.7	68
44	The monoclonal antibody 22/18 recognizes a conformational change in an intermediate filament of the newt,Notophthalmus viridescens, during limb regeneration. Cell and Tissue Research, 1990, 259, 483-493.	1.5	16
45	Retinoids, homeobox genes, and limb morphogenesis. Neuron, 1989, 2, 1285-1294.	3.8	251
46	Structure and expression of a newt cardio-skeletal myosin gene. Journal of Molecular Biology, 1988, 202, 287-296.	2.0	23
47	The aneurogenic limb: a puzzle in cell interactions. Trends in Neurosciences, 1987, 10, 364-368.	4.2	9
48	Glial growth factor and nerve-dependent proliferation in the regeneration blastema of urodele amphibians. Cell, 1986, 45, 301-306.	13.5	131
49	MONOCLONAL ANTIBODIES TO NEURAL ANTIGENS. British Medical Bulletin, 1984, 40, 229-232.	2.7	1
50	Studies on cultured rat Schwann cells. III. Assays for peripheral myelin proteins. Journal of Neurocytology, 1980, 9, 67-77.	1.6	137
51	Neural Cell Markers: the End of the Beginning. Progress in Brain Research, 1979, 51, 17-22.	0.9	14
52	Studies on cultured rat Schwann cells. In Vitro, 1979, 15, 772-778.	1.2	57
53	Studies on cultured rat Schwann cells. I. Establishment of purified populations from cultures of peripheral nerve. Brain Research, 1979, 165, 105-118.	1.1	1,029
54	Schwann cell growth factors. Cell, 1978, 15, 813-822.	13.5	252

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55	Cell surface markers for distinguishing different types of rat dorsal root ganglion cells in culture. Cell, 1978, 14, 43-51.	13.5	166
56	Suppression of foreign synapses. Nature, 1976, 260, 281-281.	13.7	1
57	Muscle disease at Durango. Nature, 1976, 262, 446-447.	13.7	0
58	Nucleotide sequences at the sites of action of the deoxyribonucleic acid modification enzyme of bacteriophage P1. Journal of Molecular Biology, 1974, 88, 437-443.	2.0	23