

# Jeremy Brockes

## List of Publications by Year in descending order

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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	Studies on cultured rat Schwann cells. I. Establishment of purified populations from cultures of peripheral nerve. <i>Brain Research</i> , 1979, 165, 105-118.	1.1	1,029
2	Amphibian Limb Regeneration: Rebuilding a Complex Structure. <i>Science</i> , 1997, 276, 81-87.	6.0	450
3	Molecular Basis for the Nerve Dependence of Limb Regeneration in an Adult Vertebrate. <i>Science</i> , 2007, 318, 772-777.	6.0	437
4	Comparative Aspects of Animal Regeneration. <i>Annual Review of Cell and Developmental Biology</i> , 2008, 24, 525-549.	4.0	427
5	Plasticity and reprogramming of differentiated cells in amphibian regeneration. <i>Nature Reviews Molecular Cell Biology</i> , 2002, 3, 566-574.	16.1	373
6	Appendage Regeneration in Adult Vertebrates and Implications for Regenerative Medicine. <i>Science</i> , 2005, 310, 1919-1923.	6.0	347
7	Schwann cell growth factors. <i>Cell</i> , 1978, 15, 813-822.	13.5	252
8	Retinoids, homeobox genes, and limb morphogenesis. <i>Neuron</i> , 1989, 2, 1285-1294.	3.8	251
9	Nerve dependence in tissue, organ, and appendage regeneration. <i>Trends in Neurosciences</i> , 2012, 35, 691-699.	4.2	230
10	Transfer of Scrapie Prion Infectivity by Cell Contact in Culture. <i>Current Biology</i> , 2002, 12, 523-530.	1.8	205
11	Newt Myotubes Reenter the Cell Cycle by Phosphorylation of the Retinoblastoma Protein. <i>Journal of Cell Biology</i> , 1997, 136, 155-165.	2.3	194
12	The Newt Ortholog of CD59 Is Implicated in Proximodistal Identity during Amphibian Limb Regeneration. <i>Developmental Cell</i> , 2002, 3, 547-555.	3.1	179
13	Cell surface markers for distinguishing different types of rat dorsal root ganglion cells in culture. <i>Cell</i> , 1978, 14, 43-51.	13.5	166
14	Studies on cultured rat Schwann cells. III. Assays for peripheral myelin proteins. <i>Journal of Neurocytology</i> , 1980, 9, 67-77.	1.6	137
15	Plasticity of Retrovirus-Labelled Myotubes in the Newt Limb Regeneration Blastema. <i>Developmental Biology</i> , 2000, 218, 125-136.	0.9	137
16	Glial growth factor and nerve-dependent proliferation in the regeneration blastema of urodele amphibians. <i>Cell</i> , 1986, 45, 301-306.	13.5	131
17	Thrombin regulates S-phase re-entry by cultured newt myotubes. <i>Current Biology</i> , 1999, 9, 792-799.	1.8	129
18	Heterogeneous proliferative potential in regenerative adult newt cardiomyocytes. <i>Journal of Cell Science</i> , 2003, 116, 4001-4009.	1.2	129

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19	Regeneration, tissue injury and the immune response. <i>Journal of Anatomy</i> , 2006, 209, 423-432.	0.9	127
20	Motif-grafted antibodies containing the replicative interface of cellular PrP are specific for PrP <sup>Sc</sup> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10404-10409.	3.3	105
21	Regulation of p53 is critical for vertebrate limb regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17392-17397.	3.3	94
22	Evidence for the Local Evolution of Mechanisms Underlying Limb Regeneration in Salamanders. <i>Integrative and Comparative Biology</i> , 2010, 50, 528-535.	0.9	91
23	Positional identity of adult stem cells in salamander limb regeneration. <i>Comptes Rendus - Biologies</i> , 2007, 330, 485-490.	0.1	78
24	Selective Activation of Thrombin Is a Critical Determinant for Vertebrate Lens Regeneration. <i>Current Biology</i> , 2003, 13, 877-881.	1.8	77
25	Reading the retinoid signals. <i>Nature</i> , 1990, 345, 766-767.	13.7	68
26	The PML-retinoic acid receptor alpha translocation converts the receptor from an inhibitor to a retinoic acid-dependent activator of transcription factor AP-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 9345-9349.	3.3	68
27	Mammalian postmitotic nuclei reenter the cell cycle after serum stimulation in newt/mouse hybrid myotubes. <i>Current Biology</i> , 2001, 11, 855-858.	1.8	63
28	A Single-Cell Analysis of Myogenic Dedifferentiation Induced by Small Molecules. <i>Chemistry and Biology</i> , 2005, 12, 1117-1126.	6.2	60
29	Studies on cultured rat Schwann cells. <i>In Vitro</i> , 1979, 15, 772-778.	1.2	57
30	Sustained ERK Activation Underlies Reprogramming in Regeneration-Competent Salamander Cells and Distinguishes Them from Their Mammalian Counterparts. <i>Stem Cell Reports</i> , 2014, 3, 15-23.	2.3	47
31	We may not have a morphogen. <i>Nature</i> , 1991, 350, 15-15.	13.7	46
32	Delta retinoic acid receptor isoform $\hat{1}$ is distinguished by its exceptional N-terminal sequence and abundance in the limb regeneration blastema. <i>Mechanisms of Development</i> , 1993, 40, 99-112.	1.7	46
33	Functional convergence of signalling by GPI-anchored and anchorless forms of a salamander protein implicated in limb regeneration. <i>Journal of Cell Science</i> , 2011, 124, 47-56.	1.2	46
34	Mechanisms underlying vertebrate limb regeneration: lessons from the salamander. <i>Biochemical Society Transactions</i> , 2014, 42, 625-630.	1.6	46
35	The aneurogenic limb identifies developmental cell interactions underlying vertebrate limb regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13588-13593.	3.3	45
36	A comparative study of gland cells implicated in the nerve dependence of salamander limb regeneration. <i>Journal of Anatomy</i> , 2010, 217, 16-25.	0.9	42

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37	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
38	New approaches to amphibian limb regeneration. Trends in Genetics, 1994, 10, 169-173.	2.9	29
39	Topics in prion cell biology. Current Opinion in Neurobiology, 1999, 9, 571-577.	2.0	27
40	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
41	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
42	Structure and expression of a newt cardio-skeletal myosin gene. Journal of Molecular Biology, 1988, 202, 287-296.	2.0	23
43	The Meis homeoprotein regulates the axolotl Prod 1 promoter during limb regeneration. Gene, 2011, 484, 69-74.	1.0	23
44	Generation of mononucleate cells from post-mitotic myotubes proceeds in the absence of cell cycle progression. Differentiation, 2000, 66, 239-46.	1.0	22
45	Tissue factor expression in newt iris coincides with thrombin activation and lens regeneration. Mechanisms of Development, 2010, 127, 321-328.	1.7	20
46	The monoclonal antibody 22/18 recognizes a conformational change in an intermediate filament of the newt, <i>Notophthalmus viridescens</i> , during limb regeneration. Cell and Tissue Research, 1990, 259, 483-493.	1.5	16
47	Immortalization of Rat Embryo Fibroblasts by a 3' Untranslated Region. Experimental Cell Research, 1998, 240, 252-262.	1.2	15
48	Neural Cell Markers: the End of the Beginning. Progress in Brain Research, 1979, 51, 17-22.	0.9	14
49	Newts. Current Biology, 2005, 15, R42-R44.	1.8	12
50	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
51	The aneurogenic limb: a puzzle in cell interactions. Trends in Neurosciences, 1987, 10, 364-368.	4.2	9
52	The expression pattern of tomoregulin-1 in urodele limb regeneration and mouse limb development. Mechanisms of Development, 2001, 104, 125-128.	1.7	7
53	Preparation of cultured myofibers from larval salamander limbs for cellular plasticity studies. Nature Protocols, 2007, 2, 939-947.	5.5	6
54	A dynamic architecture of life. F1000Research, 2015, 4, 1288.	0.8	4

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55	Suppression of foreign synapses. Nature, 1976, 260, 281-281.	13.7	1
56	MONOCLONAL ANTIBODIES TO NEURAL ANTIGENS. British Medical Bulletin, 1984, 40, 229-232.	2.7	1
57	Cell Differentiation: Muscle escapes from a jelly mould. Current Biology, 1994, 4, 1030-1032.	1.8	1
58	Muscle disease at Durango. Nature, 1976, 262, 446-447.	13.7	0