

Isabelle Perroteau

List of Publications by Year in descending order

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58
papers

2,034
citations

257450

24
h-index

243625

44
g-index

58
all docs

58
docs citations

58
times ranked

2386
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibroblasts Colonizing Nerve Conduits Express High Levels of Soluble Neuregulin1, a Factor Promoting Schwann Cell Dedifferentiation. <i>Cells</i> , 2020, 9, 1366.	4.1	13
2	Role of neurotrophic factors in enhancing linear axonal growth of ganglionic sensory neurons in vitro. <i>Neural Regeneration Research</i> , 2020, 15, 1732.	3.0	19
3	Modulation of the Neuregulin 1/ErbB system after skeletal muscle denervation and reinnervation. <i>Scientific Reports</i> , 2018, 8, 5047.	3.3	24
4	Soluble Neuregulin1 is strongly up-regulated in the rat model of Charcot-Marie-Tooth 1A disease. <i>Experimental Biology and Medicine</i> , 2018, 243, 370-374.	2.4	11
5	Combined Influence of Gelatin Fibre Topography and Growth Factors on Cultured Dorsal Root Ganglia Neurons. <i>Anatomical Record</i> , 2018, 301, 1668-1677.	1.4	7
6	Evaluation of Vascular Endothelial Growth Factor (VEGF) and Its Family Member Expression After Peripheral Nerve Regeneration and Denervation. <i>Anatomical Record</i> , 2018, 301, 1646-1656.	1.4	33
7	Chitosan Tubes Enriched with Fresh Skeletal Muscle Fibers for Primary Nerve Repair. <i>BioMed Research International</i> , 2018, 2018, 1-13.	1.9	27
8	Neuregulin1 alpha activates migration of neuronal progenitors expressing ErbB4. <i>Molecular and Cellular Neurosciences</i> , 2016, 77, 87-94.	2.2	19
9	The Neuregulin1/ErbB system is selectively regulated during peripheral nerve degeneration and regeneration. <i>European Journal of Neuroscience</i> , 2016, 43, 351-364.	2.6	44
10	Identification and Validation of Suitable Housekeeping Genes for Normalizing Quantitative Real-Time PCR Assays in Injured Peripheral Nerves. <i>PLoS ONE</i> , 2014, 9, e105601.	2.5	28
11	Characterization of Glial Cell Models and <i>In Vitro</i> Manipulation of the Neuregulin1/ErbB System. <i>BioMed Research International</i> , 2014, 2014, 1-15.	1.9	11
12	The four isoforms of the tyrosine kinase receptor ErbB4 provide neural progenitor cells with an adhesion preference for the transmembrane type III isoform of the ligand neuregulin 1. <i>NeuroReport</i> , 2014, 25, 233-241.	1.2	6
13	Neuregulin 1 isoforms could be an effective therapeutic candidate to promote peripheral nerve regeneration. <i>Neural Regeneration Research</i> , 2014, 9, 1183.	3.0	11
14	Neuregulin 1 Role in Schwann Cell Regulation and Potential Applications to Promote Peripheral Nerve Regeneration. <i>International Review of Neurobiology</i> , 2013, 108, 223-256.	2.0	48
15	Tissue Engineering and Peripheral Nerve Reconstruction. <i>International Review of Neurobiology</i> , 2013, 108, 35-57.	2.0	20
16	Preface. <i>International Review of Neurobiology</i> , 2013, 109, xi-xii.	2.0	2
17	Preface. <i>International Review of Neurobiology</i> , 2013, 108, xiii-xiv.	2.0	0
18	Acylated and unacylated ghrelin impair skeletal muscle atrophy in mice. <i>Journal of Clinical Investigation</i> , 2013, 123, 611-22.	8.2	140

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19	ErbB2 Receptor Over-Expression Improves Post-Traumatic Peripheral Nerve Regeneration in Adult Mice. PLoS ONE, 2013, 8, e56282.	2.5	23
20	Neuregulin1 administration increases axonal elongation in dissociated primary sensory neuron cultures. Experimental Cell Research, 2012, 318, 570-577.	2.6	14
21	Eps8 involvement in neuregulin1-ErbB4 mediated migration in the neuronal progenitor cell line ST14A. Experimental Cell Research, 2011, 317, 757-769.	2.6	9
22	Neuregulin1/ErbB4-induced migration in ST14A striatal progenitors: calcium-dependent mechanisms and modulation by NMDA receptor activation. BMC Neuroscience, 2011, 12, 103.	1.9	11
23	Poly(ester urethane) Guides for Peripheral Nerve Regeneration. Macromolecular Bioscience, 2011, 11, 245-256.	4.1	28
24	Porous Poly(μ -caprolactone) Nerve Guide Filled with Porous Gelatin Matrix for Nerve Tissue Engineering. Advanced Engineering Materials, 2011, 13, B151.	3.5	31
25	Denervation and reinnervation of adult skeletal muscle modulate mRNA expression of neuregulin-1 and ErbB receptors. Microsurgery, 2009, 29, 464-472.	1.3	25
26	Melt-extruded guides for peripheral nerve regeneration. Part I: Poly(μ -caprolactone). Biomedical Microdevices, 2009, 11, 1037-1050.	2.8	34
27	Morphological and biomolecular characterization of the neonatal olfactory bulb ensheathing cell line. Journal of Neuroscience Methods, 2009, 185, 89-98.	2.5	17
28	Chapter 11 Tissue Engineering of Peripheral Nerves. International Review of Neurobiology, 2009, 87, 227-249.	2.0	73
29	ErbB receptors modulation in different types of peripheral nerve regeneration. NeuroReport, 2008, 19, 1605-1609.	1.2	15
30	Expression of neuregulin-1 and ErbB receptors mRNAs is modulated by denervation and reinnervation in adult rat skeletal muscles. FASEB Journal, 2008, 22, 90.4.	0.5	0
31	Blood Vessels Form a Scaffold for Neuroblast Migration in the Adult Olfactory Bulb. Journal of Neuroscience, 2007, 27, 5976-5980.	3.6	178
32	Subventricular zone-derived neuroblast migration to the olfactory bulb is modulated by matrix remodelling. European Journal of Neuroscience, 2007, 25, 2021-2033.	2.6	74
33	Differential expression of neuregulins and their receptors in the olfactory bulb layers of the developing mouse. Brain Research, 2006, 1077, 37-47.	2.2	11
34	Schwann cell behavior after nerve repair by means of tissue-engineered muscle-vein combined guides. Journal of Comparative Neurology, 2005, 489, 249-259.	1.6	70
35	Stathmin Expression Modulates Migratory Properties of GN-11 Neurons in Vitro. Endocrinology, 2005, 146, 1825-1834.	2.8	35
36	cAMP Response Element-Binding Protein Regulates Differentiation and Survival of Newborn Neurons in the Olfactory Bulb. Journal of Neuroscience, 2005, 25, 10105-10118.	3.6	142

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37	ErbB4 Expression in Neural Progenitor Cells (ST14A) Is Necessary to Mediate Neuregulin-1 ²¹ -induced Migration. <i>Journal of Biological Chemistry</i> , 2004, 279, 48808-48816.	3.4	57
38	Bioactive recombinant neuregulin-1, -2, and -3 expressed in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2004, 35, 25-31.	1.3	13
39	Expression of β -2a-2b neuregulin-1 is associated with early peripheral nerve repair along muscle-enriched tubes. <i>NeuroReport</i> , 2003, 14, 1541-1545.	1.2	26
40	ErbB-4 and neuregulin expression in the adult mouse olfactory bulb after peripheral denervation. <i>European Journal of Neuroscience</i> , 2001, 14, 513-521.	2.6	18
41	ErbB-3 and ErbB-4 Expression in the Mouse Olfactory Systema. <i>Annals of the New York Academy of Sciences</i> , 1998, 855, 255-259.	3.8	16
42	Glutamatergic deafferentation of olfactory bulb modulates the expression of mGluR1a mRNA. <i>NeuroReport</i> , 1997, 8, 1949-1953.	1.2	21
43	In vitro study of olfactory receptor neurones expressing the dipeptide carnosine. <i>NeuroReport</i> , 1994, 5, 569-572.	1.2	8
44	Bulbectomy Enhances Neurogenesis and Cell Turnover of Primary Olfactory Neurons But Does Not Abolish Carnosine Expression. <i>European Journal of Neuroscience</i> , 1992, 4, 1398-1406.	2.6	14
45	c-erbB-2 andras expression levels in breast cancer are correlated and show a co-operative association with unfavorable clinical outcome. <i>International Journal of Cancer</i> , 1991, 47, 833-838.	5.1	76
46	Innervation of the Pars intermedia and Control of Alpha-Melanotropin Secretion in the Newt. <i>Neuroendocrinology</i> , 1989, 50, 543-549.	2.5	18
47	Distribution and characterization of neuropeptide Y-like immunoreactivity in the brain of the crested newt. <i>Journal of Comparative Neurology</i> , 1988, 275, 309-325.	1.6	49
48	Expression of Transforming Growth Factor β (TGF β) in Differentiated Rat Mammary Tumors: Estrogen Induction of TGF β Production. <i>Molecular Endocrinology</i> , 1987, 1, 683-692.	3.7	112
49	Loss of growth responsiveness to epidermal growth factor and enhanced production of alpha-transforming growth factors inras-transformed mouse mammary epithelial cells. <i>Journal of Cellular Physiology</i> , 1987, 130, 397-409.	4.1	101
50	Basic Science Review: Growth Factors in Cancer and Their Relationship to Oncogenes. <i>Cancer Investigation</i> , 1986, 4, 43-60.	1.3	50
51	Role of prostacyclin on steroidogenesis by frog interrenal gland. <i>Prostaglandins</i> , 1986, 31, 5-17.	1.2	11
52	Chapter 16. Oncological Aspects of Growth Factors. <i>Annual Reports in Medicinal Chemistry</i> , 1986, 21, 159-168.	0.9	4
53	Immunological detection and quantitation of alpha transforming growth factors in human breast carcinoma cells. <i>Breast Cancer Research and Treatment</i> , 1986, 7, 201-210.	2.5	110
54	In vitro effect of cytochalasin B on adrenal steroidogenesis in frog. <i>Molecular and Cellular Endocrinology</i> , 1985, 43, 205-213.	3.2	16

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55	Relative inhibitory potency of five mineralocorticoid antagonists on aldosterone biosynthesis in vitro. <i>Biochemical Pharmacology</i> , 1985, 34, 189-194.	4.4	9
56	The effect of the antimineralocorticoid RU 28318 on aldosterone biosynthesis in vitro. <i>The Journal of Steroid Biochemistry</i> , 1984, 20, 853-856.	1.1	19
57	Effect of aldosterone antagonists on mineralocorticoid synthesis in vitro. Inhibition of aldosterone production by prorenoate-K. <i>European Journal of Pharmacology</i> , 1982, 77, 243-249.	3.5	4
58	In vitro effect of prostaglandins on corticosterone and aldosterone production by frog interrenal gland. <i>Biochemical and Biophysical Research Communications</i> , 1981, 100, 769-777.	2.1	29