JÃ¶rg Mey

List of Publications by Year
in descending order

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63	3,223	172207	149479
papers	citations	29 h-index	56 g-index

65	65	65	3661
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidance of glial cell migration and axonal growth on electrospun nanofibers of poly-Îµ-caprolactone and a collagen/poly-Îµ-caprolactone blend. Biomaterials, 2007, 28, 3012-3025.	5.7	667
2	Intravitreal injections of neurotrophic factors support the survival of axotomized retinal ganglion cells in adult rats in vivo. Brain Research, 1993, 602, 304-317.	1.1	495
3	Development of the visual system of the chick. Brain Research Reviews, 2000, 32, 343-379.	9.1	148
4	Retinal Dehydrogenase-2 Is Inhibited by Compounds that Induce Congenital Diaphragmatic Hernias in Rodents. American Journal of Pathology, 2003, 162, 673-679.	1.9	120
5	Retinoic Acid Signaling in the Nervous System of Adult Vertebrates. Neuroscientist, 2004, 10, 409-421.	2.6	119
6	Human neural cell interactions with orientated electrospun nanofibers in vitro. Nanomedicine, 2009, 4, 11-30.	1.7	99
7	Development of the visual system of the chick. Brain Research Reviews, 2001, 35, 205-245.	9.1	90
8	RAR/RXR and PPAR/RXR signaling in neurological and psychiatric diseases. Progress in Neurobiology, 2008, 85, 433-451.	2.8	84
9	New therapeutic target for CNS injury? The role of retinoic acid signaling after nerve lesions. Journal of Neurobiology, 2006, 66, 757-779.	3.7	79
10	Old dyes for new scopes: the phagocytosis-dependent long-term fluorescence labelling of microglial cells in vivo. Trends in Neurosciences, 1994, 17, 177-182.	4.2	73
11	Macrophages and neurons are targets of retinoic acid signaling after spinal cord contusion injury. European Journal of Neuroscience, 2006, 23, 285-295.	1.2	66
12	Specific transcellular staining of microglia in the adult rat after traumatic degeneration of carbocyanine-filled retinal ganglion cells. Experimental Eye Research, 1992, 55, 101-117.	1.2	65
13	Inflammatory cytokine release of astrocytes in vitro is reduced by all-trans retinoic acid. Journal of Neuroimmunology, 2010, 229, 169-179.	1.1	65
14	Skin Retinoid Concentrations Are Modulated by CYP26AI Expression Restricted to Basal Keratinocytes in Normal Human Skin and Differentiated 3D Skin Models. Journal of Investigative Dermatology, 2006, 126, 2473-2480.	0.3	61
15	Activation of retinoic acid signalling after sciatic nerve injury: up-regulation of cellular retinoid binding proteins. European Journal of Neuroscience, 2003, 18, 1033-1040.	1.2	56
16	Retinoic Acid Synthesis in the Developing Chick Retina. Journal of Neuroscience, 1997, 17, 7441-7449.	1.7	53
17	Retinoic acid synthesis by a population of NG2â€positive cells in the injured spinal cord. European Journal of Neuroscience, 2005, 21, 1555-1568.	1.2	48
18	Deposition of Electrospun Fibers on Reactive Substrates forIn VitroInvestigations. Tissue Engineering - Part C: Methods, 2009, 15, 77-85.	1.1	48

#	ARTICLE	IF	CITATIONS
19	Functionalization of Electrospun Poly(Îµ-Caprolactone) Fibers with the Extracellular Matrix-Derived Peptide GRGDS Improves Guidance of Schwann Cell Migration and Axonal Growth. Tissue Engineering - Part A, 2011, 17, 475-486.	1.6	47
20	Expression of Enzymes Involved in the Prostanoid Metabolism by Cortical Astrocytes after LPS-induced Inflammation. Journal of Molecular Neuroscience, 2008, 34, 177-185.	1.1	46
21	Inflammatory chemokine release of astrocytes in vitro is reduced by allâ€trans retinoic acid. Journal of Neurochemistry, 2010, 114, 1511-1526.	2.1	40
22	Effects of inflammatory cytokines IL-1Î², IL-6, and TNFÎ± on the intracellular localization of retinoid receptors in Schwann cells. Glia, 2007, 55, 152-164.	2.5	39
23	Threeâ€dimensional configuration of orientated fibers as guidance structures for cell migration and axonal growth. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 356-365.	1.6	39
24	Sources and sink of retinoic acid in the embryonic chick retina: distribution of aldehyde dehydrogenase activities, CRABP-I, and sites of retinoic acid inactivation. Developmental Brain Research, 2001, 127, 135-148.	2.1	37
25	Retinoic acid increases BDNF-dependent regeneration of chick retinal ganglion cells in vitro. NeuroReport, 1999, 10, 3573-3577.	0.6	34
26	Antiâ€inflammatory effect of retinoic acid on prostaglandin synthesis in cultured cortical astrocytes. Journal of Neurochemistry, 2008, 106, 320-332.	2.1	34
27	Functionalization of electrospun fibers of poly(Îµ-caprolactone) with star shaped NCO-poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Ove Materials in Medicine, 2010, 21, 2637-2651.	1.7	34
28	Ganglion cells in the juvenile chick retina and their ability to regenerate axons in vitro. Experimental Eye Research, 1992, 54, 377-391.	1.2	30
29	RAR/RXR and PPAR/RXR Signaling in Spinal Cord Injury. PPAR Research, 2007, 2007, 1-14.	1.1	30
30	Cell-free artificial implants of electrospun fibres in a three-dimensional gelatin matrix support sciatic nerve regeneration in vivo. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 3289-3304.	1.3	29
31	Retinoic Acid as a Regulator of Cytokine Signaling after Nerve Injury. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2001, 56, 163-176.	0.6	28
32	Characterization of retinaldehyde dehydrogenaseâ€2 induction in NG2â€positive glia after spinal cord contusion injury. International Journal of Developmental Neuroscience, 2007, 25, 7-16.	0.7	25
33	Characterisation of cellâ€“substrate interactions between Schwann cells and threeâ€dimensional fibrin hydrogels containing orientated nanofibre topographical cues. European Journal of Neuroscience, 2016, 43, 376-387.	1.2	25
34	Ontogenetic changes in the regenerative ability of chick retinal ganglion cells as revealed by organ explants. Cell and Tissue Research, 1991, 264, 347-355.	1.5	18
35	Retinoic acid downregulates the expression of ciliary neurotrophic factor in rat Schwann cells. Neuroscience Letters, 2003, 339, 13-16.	1.0	18
36	Retinoic aid increases arrestin mRNA levels in the mouse retina. FASEB Journal, 1997, 11, 271-275.	0.2	16

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37	Treatment of rats with spinal cord injury using human bone marrow-derived stromal cells prepared by negative selection. Journal of Biomedical Science, 2020, 27, 35.	2.6	16
38	Retinoic acid increases phagocytosis of myelin by macrophages. Journal of Cellular Physiology, 2021, 236, 3929-3945.	2.0	14
39	Bile acids attenuate PKM2 pathway activation in proinflammatory microglia. Scientific Reports, 2022, 12, 1459.	1.6	13
40	Positional Determination of the Naso-Temporal Retinal Axis Coincides with Asymmetric Expression of Proteins along the Anteriorâ€“Posterior Axis of the Eye Primordium. Experimental Eye Research, 1996, 63, 479-492.	1.2	12
41	OLN-93 oligodendrocytes synthesize all- trans -retinoic acid in vitro. Cell and Tissue Research, 2000, 302, 49-58.	1.5	12
42	Characterization of retinoic acid neuromodulation in the carp retina. Journal of Neuroscience Research, 2004, 78, 177-185.	1.3	12
43	Retinoic acid enhances Erk phosphorylation in the chick retina. Neuroscience Letters, 2007, 426, 18-22.	1.0	12
44	Expression of retinoid X receptor beta is induced in astrocytes during corpus callosum demyelination. Journal of Chemical Neuroanatomy, 2012, 43, 120-132.	1.0	12
45	Spinal cord injury induced changes of nuclear receptors PPARÎ± and LXRÎ² and modulation with oleic acid/albumin treatment. Brain Research, 2013, 1535, 89-105.	1.1	12
46	Dendrite development and target innervation of displaced retinal ganglion cells of the chick (Gallus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	11
47	Retinoic acid enhances leukemia inhibitory factor expression in OLN-93 oligodendrocytes. Cell and Tissue Research, 2002, 310, 155-161.	1.5	10
48	Neuronal differentiation of the early embryonic auditory hindbrain of the chicken in primary culture. European Journal of Neuroscience, 2007, 25, 974-984.	1.2	9
49	Increase of Kv3.1b expression in avian auditory brainstem neurons correlates with synaptogenesis in vivo and in vitro. Brain Research, 2009, 1302, 64-75.	1.1	9
50	Electrospun Fibers as Substrates for Peripheral Nerve Regeneration. Advances in Polymer Science, 2011, , 131-170.	0.4	8
51	Retinoic acid as a survival factor in neuronal development of the grasshopper, Locusta migratoria. Cell and Tissue Research, 2014, 358, 303-312.	1.5	8
52	Is retinoic acid a signal for nerve regeneration in insects?. Neural Regeneration Research, 2015, 10, 901.	1.6	7
53	Taurolithocholic acid but not tauroursodeoxycholic acid rescues phagocytosis activity of bone marrowâ€derived macrophages under inflammatory stress. Journal of Cellular Physiology, 2022, 237, 1455-1470.	2.0	7
54	Retinoic acid-dependent regulation of BMP4 and Tbx5 in the embryonic chick retina. NeuroReport, 2004, 15, 2751-5.	0.6	7

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55	Distribution of the cellular retinoic acid binding protein CRABP-I in the developing chick optic tectum. Brain Research, 2007, 1168, 21-31.	1.1	6
56	Tauroursodeoxycholic Acid Reduces Neuroinflammation but Does Not Support Long Term Functional Recovery of Rats with Spinal Cord Injury. Biomedicines, 2022, 10, 1501.	1.4	6
57	Fighting for the web: competition between female feather-legged spiders (Uloborus plumipes). Zoology, 2017, 121, 10-17.	0.6	5
58	Regulation of RALDHâ€1, RALDHâ€3 and CYP26A1 by transcription factors cVax/Vax2 and Tbx5 in the embryonic chick retina. International Journal of Developmental Neuroscience, 2008, 26, 435-445.	0.7	4
59	KÃ¼nstliche Implantate fÃ¼r die Regeneration peripherer Nerven. E-Neuroforum, 2010, 16, 218-225.	0.2	1
60	Expression patterns of chloride transporters in the auditory brainstem of developing chicken. Hearing Research, 2020, 393, 108013.	0.9	1
61	Activation of Nuclear Receptors RAR, RXR, and LXR Does Not Reduce Cuprizone-Induced Demyelination in Mice. Nuclear Receptor Research, 2015, 2, .	2.5	1
62	Vitamin A im Gehirn: Die Bedeutung der RetinsÃure-Signaltransduktion fÃ¼r das adulte Nervensystem. E-Neuroforum, 2006, 12, 152-159.	0.2	0
63	Vibratory movements in contests between females of the feather-legged spider (Uloborus plumipes). Zoology, 2017, 125, 87-93.	0.6	0