

# Jon Golding

## List of Publications by Year in descending order

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48  
papers

3,205  
citations

257450

24  
h-index

214800

47  
g-index

48  
all docs

48  
docs citations

48  
times ranked

4772  
citing authors

#	ARTICLE	IF	CITATIONS
1	Muscle satellite cells adopt divergent fates. <i>Journal of Cell Biology</i> , 2004, 166, 347-357.	5.2	779
2	Gold nanoparticles for cancer radiotherapy: a review. <i>Cancer Nanotechnology</i> , 2016, 7, 8.	3.7	329
3	Neural and mammary gland defects in ErbB4 knockout mice genetically rescued from embryonic lethality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8281-8286.	7.1	227
4	Engineered neural tissue with aligned, differentiated adipose-derived stem cells promotes peripheral nerve regeneration across a critical sized defect in rat sciatic nerve. <i>Biomaterials</i> , 2015, 37, 242-251.	11.4	186
5	Engineered neural tissue for peripheral nerve repair. <i>Biomaterials</i> , 2013, 34, 7335-7343.	11.4	185
6	Defects in pathfinding by cranial neural crest cells in mice lacking the neuregulin receptor ErbB4. <i>Nature Cell Biology</i> , 2000, 2, 103-109.	10.3	162
7	Alignment of Astrocytes Increases Neuronal Growth in Three-Dimensional Collagen Gels and Is Maintained Following Plastic Compression to Form a Spinal Cord Repair Conduit. <i>Tissue Engineering - Part A</i> , 2010, 16, 3173-3184.	3.1	100
8	Effects of Extracellular Matrix Components on Axonal Outgrowth from Peripheral Nerves of Adult Animals in Vitro. <i>Experimental Neurology</i> , 1997, 146, 81-90.	4.1	98
9	Photodynamic therapy and diagnosis: Principles and comparative aspects. <i>Veterinary Journal</i> , 2018, 233, 8-18.	1.7	93
10	Border Controls at the Mammalian Spinal Cord: Late-Surviving Neural Crest Boundary Cap Cells at Dorsal Root Entry Sites May Regulate Sensory Afferent Ingrowth and Entry Zone Morphogenesis. <i>Molecular and Cellular Neurosciences</i> , 1997, 9, 381-396.	2.2	90
11	A versatile 3D culture model facilitates monitoring of astrocytes undergoing reactive gliosis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009, 3, 634-646.	2.7	90
12	Homing of stem cells to sites of inflammatory brain injury after intracerebral and intravenous administration: a longitudinal imaging study. <i>Stem Cell Research and Therapy</i> , 2010, 1, 17.	5.5	77
13	Antioxidant Inhibitors Potentiate the Cytotoxicity of Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , 2012, 88, 175-187.	2.5	64
14	Myf5 expression in satellite cells and spindles in adult muscle is controlled by separate genetic elements. <i>Developmental Biology</i> , 2004, 273, 454-465.	2.0	61
15	Skeletal muscle stem cells express anti-apoptotic ErbB receptors during activation from quiescence. <i>Experimental Cell Research</i> , 2007, 313, 341-356.	2.6	60
16	Maturation of the mammalian dorsal root entry zone- from entry to no entry. <i>Trends in Neurosciences</i> , 1997, 20, 303-309.	8.6	54
17	Targeting tumour energy metabolism potentiates the cytotoxicity of 5-aminolevulinic acid photodynamic therapy. <i>British Journal of Cancer</i> , 2013, 109, 976-982.	6.4	44
18	Fully Protected Glycosylated Zinc (II) Phthalocyanine Shows High Uptake and Photodynamic Cytotoxicity in MCF7 Cancer Cells. <i>Photochemistry and Photobiology</i> , 2013, 89, 139-149.	2.5	34

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19	Cues from neuroepithelium and surface ectoderm maintain neural crest-free regions within cranial mesenchyme of the developing chick. <i>Development (Cambridge)</i> , 2002, 129, 1095-1105.	2.5	34
20	Behaviour of DRG sensory neurites at the intact and injured adult rat dorsal root entry zone: Postnatal neurites become paralysed, whilst injury improves the growth of embryonic neurites. <i>Glia</i> , 1999, 26, 309-323.	4.9	33
21	Roles of erbB4, rhombomere-specific, and rhombomere-independent cues in maintaining neural crest-free zones in the embryonic head. <i>Developmental Biology</i> , 2004, 266, 361-372.	2.0	33
22	Macrophage response during axonal regeneration in the axolotl central and peripheral nervous system. <i>Neuroscience</i> , 1993, 54, 781-789.	2.3	32
23	Anin Vitro Model of the Rat Dorsal Root Entry Zone Reveals Developmental Changes in the Extent of Sensory Axon Growth into the Spinal Cord. <i>Molecular and Cellular Neurosciences</i> , 1996, 7, 191-203.	2.2	29
24	Chondroitin Sulphate-Binding Molecules May Pattern Central Projections of Sensory Axons within the Cranial Mesenchyme of the Developing Mouse. <i>Developmental Biology</i> , 1999, 216, 85-97.	2.0	27
25	Expression of a developmentally regulated, phosphorylated isoform of microtubule-associated protein 1B in sprouting and regenerating axons in vitro. <i>Neuroscience</i> , 1996, 73, 541-551.	2.3	23
26	ErbB4 Signaling During Breast and Neural Development: Novel Genetic Models Reveal Unique ErbB4 Activities. <i>Cell Cycle</i> , 2003, 2, 554-558.	2.6	20
27	Early regeneration in vitro of adult mouse sciatic axons is dependent on local protein synthesis but may not involve neurotrophins. <i>Neuroscience Letters</i> , 1994, 168, 37-40.	2.1	19
28	Engineering an Integrated Cellular Interface in Three-Dimensional Hydrogel Cultures Permits Monitoring of Reciprocal Astrocyte and Neuronal Responses. <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 526-536.	2.1	19
29	A comparison of the radiosensitisation ability of 22 different element metal oxide nanoparticles using clinical megavoltage X-rays. <i>Cancer Nanotechnology</i> , 2019, 10, .	3.7	19
30	Regulation of PP2A activity by Mid1 controls cranial neural crest speed and gangliogenesis. <i>Mechanisms of Development</i> , 2012, 128, 560-576.	1.7	18
31	Cellular migration and axonal outgrowth from adult mammalian peripheral nerves in vitro. , 1996, 29, 151-164.		17
32	Heparin-binding EGF-like growth factor shows transient left-right asymmetrical expression in mouse myotome pairs. <i>Gene Expression Patterns</i> , 2004, 5, 3-9.	0.8	17
33	Regeneration and repair of the peripheral nervous system. <i>Seminars in Neuroscience</i> , 1993, 5, 385-390.	2.2	15
34	Mouse myotomes pairs exhibit left-right asymmetric expression of MLC3F and $\beta$ -skeletal actin. <i>Developmental Dynamics</i> , 2004, 231, 795-800.	1.8	15
35	A 3D <i>in vitro</i> model reveals differences in the astrocyte response elicited by potential stem cell therapies for CNS injury. <i>Regenerative Medicine</i> , 2013, 8, 739-746.	1.7	15
36	Behaviour of DRG sensory neurites at the intact and injured adult rat dorsal root entry zone: postnatal neurites become paralysed, whilst injury improves the growth of embryonic neurites. <i>Glia</i> , 1999, 26, 309-23.	4.9	14

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37	Glycolysis inhibition improves photodynamic therapy response rates for equine sarcoids. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 1543-1552.	1.8	13
38	Expression of GAP-43 in normal and regenerating nerves in the frog. <i>Neuroscience</i> , 1993, 52, 415-426.	2.3	11
39	Oriented growth of regenerating axons in axolotl forelimbs is consistent with guidance by diffusible factors from distal nerve stumps. <i>Neuroscience</i> , 1995, 66, 201-213.	2.3	9
40	Cues from neuroepithelium and surface ectoderm maintain neural crest-free regions within cranial mesenchyme of the developing chick. <i>Development (Cambridge)</i> , 2002, 129, 1095-105.	2.5	8
41	A study of the expression of laminin in the spinal cord of the frog during development and regeneration. <i>Experimental Physiology</i> , 1992, 77, 681-692.	2.0	6
42	Cancer-selective, single agent chemoradiosensitising gold nanoparticles. <i>PLoS ONE</i> , 2017, 12, e0181103.	2.5	5
43	Regeneration in vitro of axolotl peripheral and central axons. <i>Restorative Neurology and Neuroscience</i> , 1990, 1, 267-273.	0.7	4
44	Galactose:PEGamine coated gold nanoparticles adhere to filopodia and cause extrinsic apoptosis. <i>Nanoscale Advances</i> , 2019, 1, 807-816.	4.6	4
45	The Long Non-Coding RNA H19 Drives the Proliferation of Diffuse Intrinsic Pontine Glioma with H3K27 Mutation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9165.	4.1	4
46	Effects of freezing a segment of peripheral nerve on subsequent protein release and axonal regeneration in the frog. <i>Experimental Neurology</i> , 1992, 118, 178-186.	4.1	3
47	Protein Synthesis and Release by Normal and Lesioned Axolotl Peripheral Nerves. <i>Experimental Neurology</i> , 1995, 134, 94-101.	4.1	3
48	A Two-Dimensional Gel Electrophoretic Study of Proteins Synthesized and Released by Degenerating Adult Mouse Sciatic Nerve. <i>Experimental Neurology</i> , 2000, 162, 194-200.	4.1	3