Yueh-Sheng Chen

List of Publications by Year
in descending order

77	2,595	186254	214788
papers	citations	28 h-index	47 g-index

77	77	77	3332
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biodegradable and conductive PVA/CNT nanofibrous membranes used in nerve conduit applications. Journal of Industrial Textiles, 2022, 51, 1048S-1065S.	2.4	6
2	Additive Manufacturing of Astragaloside-Containing Polyurethane Nerve Conduits Influenced Schwann Cell Inflammation and Regeneration. Processes, 2021, 9, 353.	2.8	6
3	Genipinâ€crosslinking polyvinyl alcohol hollow braids degradable tissue engineering scaffolds: Manufacturing techniques and property evaluations. Journal of Applied Polymer Science, 2021, 138, 50763.	2.6	2
4	Textile fabricated biodegradable composite stents with core-shell structure. Polymer Testing, 2020, 81, 106166.	4.8	3
5	Tissue engineering stent model with long fiber-reinforced thermoplastic technique. Journal of Materials Science: Materials in Medicine, 2020, 31, 107.	3.6	4
6	Effects of Electrical Stimulation on Peripheral Nerve Regeneration in a Silicone Rubber Conduit in Taxol-Treated Rats. Materials, 2020, 13, 1063.	2.9	12
7	Preclinical Evidence of STAT3 Inhibitor Pacritinib Overcoming Temozolomide Resistance via Downregulating miR-21-Enriched Exosomes from M2 Glioblastoma-Associated Macrophages. Journal of Clinical Medicine, 2019, 8, 959.	2.4	64
8	Additive Manufacturing of Nerve Decellularized Extracellular Matrix-Contained Polyurethane Conduits for Peripheral Nerve Regeneration. Polymers, 2019, 11, 1612.	4.5	31
9	Electrospun Poly(Î³â€“glutamic acid)/Î²â€“Tricalcium Phosphate Composite Fibrous Mats for Bone Regeneration. Polymers, 2019, 11, 227.	4.5	14
10	Effects of endogenous inflammation signals elicited by nerve growth factor, interferon-Î³, and interleukin-4 on peripheral nerve regeneration. Journal of Biological Engineering, 2019, 13, 86.	4.7	9
11	Effects of Acupuncture on Peripheral Nerve Regeneration. , 2018, , 81-94.		1
12	The Physicochemical Properties of Decellularized Extracellular Matrix-Coated 3D Printed Poly(Îµ-caprolactone) Nerve Conduits for Promoting Schwann Cells Proliferation and Differentiation. Materials, 2018, 11, 1665.	2.9	34
13	Biodegradable Polyvinyl Alcohol Vascular Stents: Structural Model and Mechanical and Biological Property Evaluation. Materials Science and Engineering C, 2018, 91, 404-413.	7.3	25
14	Estrogen and/or Estrogen Receptor Î± Inhibits BNIP3-Induced Apoptosis and Autophagy in H9c2 Cardiomyoblast Cells. International Journal of Molecular Sciences, 2018, 19, 1298.	4.1	25
15	Effects of Taxol on Regeneration in a Rat Sciatic Nerve Transection Model. Scientific Reports, 2017, 7, 42280.	3.3	13
16	Biodegradable Bisvinyl Sulfonemethyl-crosslinked Gelatin Conduit Promotes Regeneration after Peripheral Nerve Injury in Adult Rats. Scientific Reports, 2017, 7, 17489.	3.3	27
17	Alpinia oxyphylla Miq. fruit extract activates IGFR-PI3K/Akt signaling to induce Schwann cell proliferation and sciatic nerve regeneration. BMC Complementary and Alternative Medicine, 2017, 17, 184.	3.7	27
18	Effects of swimming exercise on nerve regeneration in a rat sciatic nerve transection model.		

#	Article	IF	Citations
19	Highly Absorbent Antibacterial Hemostatic Dressing for Healing Severe Hemorrhagic Wounds. Materials, 2016, 9, 793.	2.9	23
20	Effects of Perforation on Rigid PU Foam Plates: Acoustic and Mechanical Properties. Materials, 2016, 9, 1000.	2.9	10
21	Time-Course Effect of Electrical Stimulation on Nerve Regeneration of Diabetic Rats. PLoS ONE, 2015, 10, e0116711.	2.5	17
22	Porous gelatin/tricalcium phosphate/genipin composites containing lumbrokinase for bone repair. Bone, 2015, 78, 15-22.	2.9	23
23	Enhanced Bone Tissue Regeneration by Porous Gelatin Composites Loaded with the Chinese Herbal Decoction Danggui Buxue Tang. PLoS ONE, 2015, 10, e0131999.	2.5	29
24	Earthworm (Pheretima aspergillum) extract stimulates osteoblast activity and inhibits osteoclast differentiation. BMC Complementary and Alternative Medicine, 2014, 14, 440.	3.7	19
25	Evaluating the Bone Tissue Regeneration Capability of the Chinese Herbal DecoctionDanggui Buxue Tangfrom a Molecular Biology Perspective. BioMed Research International, 2014, 2014, 1-10.	1.9	16
26	Current-modulated electrical stimulation as a treatment for peripheral nerve regeneration in diabetic rats. Restorative Neurology and Neuroscience, 2014, 32, 437-446.	0.7	12
27	Coptidis rhizome and Si Jun Zi Tang Can Prevent Salmonella enterica Serovar Typhimurium Infection in Mice. PLoS ONE, 2014, 9, e105362.	2.5	15
28	Rat bone marrow stromal cells-seeded porous gelatin/tricalcium phosphate/oligomeric proanthocyanidins composite scaffold for bone repair. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 708-719.	2.7	16
29	Effect of Arecoline on Regeneration of Injured Peripheral Nerves. The American Journal of Chinese Medicine, 2013, 41, 865-885.	3.8	8
30	Application ofScutellariae radix,Gardeniae fructus, and Probiotics to PreventSalmonella entericaSerovar Choleraesuis Infection in Swine. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-8.	1.2	15
31	Ferulic Acid Enhances Peripheral Nerve Regeneration across Long Gaps. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-8.	1.2	9
32	High-Frequency Electrical Stimulation Can Be a Complementary Therapy to Promote Nerve Regeneration in Diabetic Rats. PLoS ONE, 2013, 8, e79078.	2.5	27
33	The Role of Complementary and Alternative Medicine in Regenerative Medicine. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-2.	1.2	1
34	Property Evaluation ofBletilla striata/Polyvinyl Alcohol Nano Fibers and Composite Dressings. Journal of Nanomaterials, 2012, 2012, 1-7.	2.7	8
35	Electrical stimulation improves peripheral nerve regeneration in streptozotocin-induced diabetic rats. Journal of Trauma, 2012, 72, 199-205.	2.3	19
36	Evaluation of proanthocyanidin-crosslinked electrospun gelatin nanofibers for drug delivering system. Materials Science and Engineering C, 2012, 32, 2476-2483.	7.3	51

#	Article	IF	Citations
37	Cell adhesion and proliferation enhancement by gelatin nanofiber scaffolds. Journal of Bioactive and Compatible Polymers, 2011, 26, 565-577.	2.1	142
38	Novel use of biodegradable casein conduits for guided peripheral nerve regeneration. Journal of the Royal Society Interface, 2011, 8, 1622-1634.	3.4	21
39	Growth-Promoting Effects of Quercetin on Peripheral Nerves in Rats. International Journal of Artificial Organs, 2011, 34, 1095-1105.	1.4	25
40			

#	Article	IF	Citations
55	Nuclear factor-ÎºB bioluminescence imaging-guided transcriptomic analysis for the assessment of hostâ€“biomaterial interaction in vivo. Biomaterials, 2009, 30, 3042-3049.	11.4	35
56	Use of Electrical Stimulation at Different Current Levels to Promote Recovery After Peripheral Nerve Injury in Rats. Journal of Trauma, 2009, 67, 1066-1072.	2.3	35
57	Novel Bone Substitute Composed of Oligomeric Proanthocyanidinsâ€Crosslinked Gelatin and Tricalcium Phosphate. Macromolecular Bioscience, 2008, 8, 942-950.	4.1	22
58	Effect of serum metabolites ofPueraria lobata in rats on peripheral nerve regeneration:In vitro andin vivo studies. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2008, 84B, 256-262.	3.4	19
59	Effects of Electrical Stimulation at Different Frequencies on Regeneration of Transected Peripheral Nerve. Neurorehabilitation and Neural Repair, 2008, 22, 367-373.	2.9	102
60	Influence of cross-linking degree of a biodegradable genipin-cross-linked gelatin guide on peripheral nerve regeneration. Journal of Biomaterials Science, Polymer Edition, 2007, 18, 843-863.	3.5	26
61	In Vivo Evaluation of a Biodegradable EDC/NHS-Cross-Linked Gelatin Peripheral Nerve Guide Conduit Material. Macromolecular Bioscience, 2007, 7, 500-507.	4.1	70
62	Noninvasive nuclear factor-ÎºB bioluminescence imaging for the assessment of hostâ€“biomaterial interaction in transgenic mice. Biomaterials, 2007, 28, 4370-4377.	11.4	56
63	The role of astragaloside in regeneration of the peripheral nerve system. Journal of Biomedical Materials Research - Part A, 2006, 76A, 463-469.	4.0	40
64	Fabrication and evaluation of a new composite composed of tricalcium phosphate, gelatin, and Chinese medicine as a bone substitute. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2005, 75B, 277-288.	3.4	25
65	Effect of low-power pulsed laser on peripheral nerve regeneration in rats. Microsurgery, 2005, 25, 83-89.	1.3	53
66	Calvarial bone response to a tricalcium phosphate-genipin crosslinked gelatin composite. Biomaterials, 2005, 26, 3065-3074.	11.4	62
67	An in vivo evaluation of a biodegradable genipin-cross-linked gelatin peripheral nerve guide conduit material. Biomaterials, 2005, 26, 3911-3918.	11.4	189
68	Preparation of networks of gelatin and genipin as degradable biomaterials. Materials Chemistry and Physics, 2004, 83, 204-208.	4.0	175
69	Effect of bilobalide on peripheral nerve regeneration. Biomaterials, 2004, 25, 509-514.	11.4	31
70	Biocompatibility and biodegradation of a bone composite containing tricalcium phosphate and genipin crosslinked gelatin. Journal of Biomedical Materials Research Part B, 2004, 69A, 709-717.	3.1	87
71	A Novel Use of Genipin-Fixed Gelatin as Extracellular Matrix for Peripheral Nerve Regeneration. Journal of Biomaterials Applications, 2004, 19, 21-34.	2.4	36
72	In vitro evaluation of degradation and cytotoxicity of a novel composite as a bone substitute. Journal of Biomedical Materials Research - Part A, 2003, 67A, 1163-1169.	4.0	49

#	Article	IF	Citations
73	Locally Administered Nerve Growth Factor Suppresses Ginsenoside Rb1-enhanced Peripheral Nerve Regeneration. The American Journal of Chinese Medicine, 2003, 31, 665-673.	3.8	19
74	Effects of percutaneous electrical stimulation on peripheral nerve regeneration using silicone rubber chambers. Journal of Biomedical Materials Research Part B, 2001, 57, 541-549.	3.1	29
75	Effect of Acupuncture Stimulation on Peripheral Nerve Regeneration Using Silicone Rubber Chambers. The American Journal of Chinese Medicine, 2001, 29, 377-385.	3.8	22
76	Effects of Buyang Huanwu Decoction on Peripheral Nerve Regeneration Using Silicone Rubber Chambers. The American Journal of Chinese Medicine, 2001, 29, 423-432.	3.8	39
77	Peripheral nerve regeneration using silicone rubber chambers filled with collagen, laminin and fibronectin. Biomaterials, 2000, 21, 1541-1547.	11.4	181