

# Yueh-Sheng Chen

## List of Publications by Year in descending order

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77  
papers

2,595  
citations

212478

28  
h-index

242451

47  
g-index

77  
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77  
docs citations

77  
times ranked

3667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable and conductive PVA/CNT nanofibrous membranes used in nerve conduit applications. <i>Journal of Industrial Textiles</i> , 2022, 51, 1048S-1065S.	1.1	6
2	Additive Manufacturing of Astragaloside-Containing Polyurethane Nerve Conduits Influenced Schwann Cell Inflammation and Regeneration. <i>Processes</i> , 2021, 9, 353.	1.3	6
3	Genipin-crosslinking polyvinyl alcohol hollow braids degradable tissue engineering scaffolds: Manufacturing techniques and property evaluations. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50763.	1.3	2
4	Textile fabricated biodegradable composite stents with core-shell structure. <i>Polymer Testing</i> , 2020, 81, 106166.	2.3	3
5	Tissue engineering stent model with long fiber-reinforced thermoplastic technique. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 107.	1.7	4
6	Effects of Electrical Stimulation on Peripheral Nerve Regeneration in a Silicone Rubber Conduit in Taxol-Treated Rats. <i>Materials</i> , 2020, 13, 1063.	1.3	12
7	Preclinical Evidence of STAT3 Inhibitor Pacritinib Overcoming Temozolomide Resistance via Downregulating miR-21-Enriched Exosomes from M2 Glioblastoma-Associated Macrophages. <i>Journal of Clinical Medicine</i> , 2019, 8, 959.	1.0	64
8	Additive Manufacturing of Nerve Decellularized Extracellular Matrix-Contained Polyurethane Conduits for Peripheral Nerve Regeneration. <i>Polymers</i> , 2019, 11, 1612.	2.0	31
9	Electrospun Poly( $\beta$ -glutamic acid)/ $\beta$ -Tricalcium Phosphate Composite Fibrous Mats for Bone Regeneration. <i>Polymers</i> , 2019, 11, 227.	2.0	14
10	Effects of endogenous inflammation signals elicited by nerve growth factor, interferon- $\beta$ , and interleukin-4 on peripheral nerve regeneration. <i>Journal of Biological Engineering</i> , 2019, 13, 86.	2.0	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( $\mu$ -caprolactone) Nerve Conduits for Promoting Schwann Cells Proliferation and Differentiation. <i>Materials</i> , 2018, 11, 1665.	1.3	34
13	Biodegradable Polyvinyl Alcohol Vascular Stents: Structural Model and Mechanical and Biological Property Evaluation. <i>Materials Science and Engineering C</i> , 2018, 91, 404-413.	3.8	25
14	Estrogen and/or Estrogen Receptor $\beta$ Inhibits BNIP3-Induced Apoptosis and Autophagy in H9c2 Cardiomyoblast Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1298.	1.8	25
15	Effects of Taxol on Regeneration in a Rat Sciatic Nerve Transection Model. <i>Scientific Reports</i> , 2017, 7, 42280.	1.6	13
16	Biodegradable Bisvinyl Sulfonemethyl-crosslinked Gelatin Conduit Promotes Regeneration after Peripheral Nerve Injury in Adult Rats. <i>Scientific Reports</i> , 2017, 7, 17489.	1.6	27
17	Alpinia oxyphylla Miq. fruit extract activates IGFR-PI3K/Akt signaling to induce Schwann cell proliferation and sciatic nerve regeneration. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 184.	3.7	27
18	Effects of swimming exercise on nerve regeneration in a rat sciatic nerve transection model.		

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19	Highly Absorbent Antibacterial Hemostatic Dressing for Healing Severe Hemorrhagic Wounds. <i>Materials</i> , 2016, 9, 793.	1.3	23
20	Effects of Perforation on Rigid PU Foam Plates: Acoustic and Mechanical Properties. <i>Materials</i> , 2016, 9, 1000.	1.3	10
21	Time-Course Effect of Electrical Stimulation on Nerve Regeneration of Diabetic Rats. <i>PLoS ONE</i> , 2015, 10, e0116711.	1.1	17
22	Porous gelatin/tricalcium phosphate/genipin composites containing lumbrokinase for bone repair. <i>Bone</i> , 2015, 78, 15-22.	1.4	23
23	Enhanced Bone Tissue Regeneration by Porous Gelatin Composites Loaded with the Chinese Herbal Decoction Danggui Buxue Tang. <i>PLoS ONE</i> , 2015, 10, e0131999.	1.1	29
24	Earthworm ( <i>Pheretima aspergillum</i> ) extract stimulates osteoblast activity and inhibits osteoclast differentiation. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 440.	3.7	19
25	Evaluating the Bone Tissue Regeneration Capability of the Chinese Herbal Decoction <i>Danggui Buxue Tang</i> from a Molecular Biology Perspective. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	16
26	Current-modulated electrical stimulation as a treatment for peripheral nerve regeneration in diabetic rats. <i>Restorative Neurology and Neuroscience</i> , 2014, 32, 437-446.	0.4	12
27	Coptidis rhizome and Si Jun Zi Tang Can Prevent <i>Salmonella enterica</i> Serovar Typhimurium Infection in Mice. <i>PLoS ONE</i> , 2014, 9, e105362.	1.1	15
28	Rat bone marrow stromal cells-seeded porous gelatin/tricalcium phosphate/oligomeric proanthocyanidins composite scaffold for bone repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 708-719.	1.3	16
29	Effect of Arecoline on Regeneration of Injured Peripheral Nerves. <i>The American Journal of Chinese Medicine</i> , 2013, 41, 865-885.	1.5	8
30	Application of <i>Scutellariae radix</i> , <i>Gardeniae fructus</i> , and Probiotics to Prevent <i>Salmonella enterica</i> Serovar Choleraesuis Infection in Swine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	0.5	15
31	Ferulic Acid Enhances Peripheral Nerve Regeneration across Long Gaps. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	0.5	9
32	High-Frequency Electrical Stimulation Can Be a Complementary Therapy to Promote Nerve Regeneration in Diabetic Rats. <i>PLoS ONE</i> , 2013, 8, e79078.	1.1	27
33	The Role of Complementary and Alternative Medicine in Regenerative Medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-2.	0.5	1
34	Property Evaluation of <i>Bletilla striata</i> /Polyvinyl Alcohol Nano Fibers and Composite Dressings. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-7.	1.5	8
35	Electrical stimulation improves peripheral nerve regeneration in streptozotocin-induced diabetic rats. <i>Journal of Trauma</i> , 2012, 72, 199-205.	2.3	19
36	Evaluation of proanthocyanidin-crosslinked electrospun gelatin nanofibers for drug delivering system. <i>Materials Science and Engineering C</i> , 2012, 32, 2476-2483.	3.8	51

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37	Cell adhesion and proliferation enhancement by gelatin nanofiber scaffolds. <i>Journal of Bioactive and Compatible Polymers</i> , 2011, 26, 565-577.	0.8	142
38	Novel use of biodegradable casein conduits for guided peripheral nerve regeneration. <i>Journal of the Royal Society Interface</i> , 2011, 8, 1622-1634.	1.5	21
39	Growth-Promoting Effects of Quercetin on Peripheral Nerves in Rats. <i>International Journal of Artificial Organs</i> , 2011, 34, 1095-1105.	0.7	25

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55	Nuclear factor- $\kappa$ B bioluminescence imaging-guided transcriptomic analysis for the assessment of host-biomaterial interaction in vivo. <i>Biomaterials</i> , 2009, 30, 3042-3049.	5.7	35
56	Use of Electrical Stimulation at Different Current Levels to Promote Recovery After Peripheral Nerve Injury in Rats. <i>Journal of Trauma</i> , 2009, 67, 1066-1072.	2.3	35
57	Novel Bone Substitute Composed of Oligomeric Proanthocyanidins-Crosslinked Gelatin and Tricalcium Phosphate. <i>Macromolecular Bioscience</i> , 2008, 8, 942-950.	2.1	22
58	Effect of serum metabolites of <i>Pueraria lobata</i> in rats on peripheral nerve regeneration: In vitro and in vivo studies. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 84B, 256-262.	1.6	19
59	Effects of Electrical Stimulation at Different Frequencies on Regeneration of Transected Peripheral Nerve. <i>Neurorehabilitation and Neural Repair</i> , 2008, 22, 367-373.	1.4	102
60	Influence of cross-linking degree of a biodegradable genipin-cross-linked gelatin guide on peripheral nerve regeneration. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007, 18, 843-863.	1.9	26
61	In Vivo Evaluation of a Biodegradable EDC/NHS-Cross-Linked Gelatin Peripheral Nerve Guide Conduit Material. <i>Macromolecular Bioscience</i> , 2007, 7, 500-507.	2.1	70
62	Noninvasive nuclear factor- $\kappa$ B bioluminescence imaging for the assessment of host-biomaterial interaction in transgenic mice. <i>Biomaterials</i> , 2007, 28, 4370-4377.	5.7	56
63	The role of astragaloside in regeneration of the peripheral nerve system. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 76A, 463-469.	2.1	40
64	Fabrication and evaluation of a new composite composed of tricalcium phosphate, gelatin, and Chinese medicine as a bone substitute. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 75B, 277-288.	1.6	25
65	Effect of low-power pulsed laser on peripheral nerve regeneration in rats. <i>Microsurgery</i> , 2005, 25, 83-89.	0.6	53
66	Calvarial bone response to a tricalcium phosphate-genipin crosslinked gelatin composite. <i>Biomaterials</i> , 2005, 26, 3065-3074.	5.7	62
67	An in vivo evaluation of a biodegradable genipin-cross-linked gelatin peripheral nerve guide conduit material. <i>Biomaterials</i> , 2005, 26, 3911-3918.	5.7	189
68	Preparation of networks of gelatin and genipin as degradable biomaterials. <i>Materials Chemistry and Physics</i> , 2004, 83, 204-208.	2.0	175
69	Effect of bilobalide on peripheral nerve regeneration. <i>Biomaterials</i> , 2004, 25, 509-514.	5.7	31
70	Biocompatibility and biodegradation of a bone composite containing tricalcium phosphate and genipin crosslinked gelatin. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 69A, 709-717.	3.0	87
71	A Novel Use of Genipin-Fixed Gelatin as Extracellular Matrix for Peripheral Nerve Regeneration. <i>Journal of Biomaterials Applications</i> , 2004, 19, 21-34.	1.2	36
72	In vitro evaluation of degradation and cytotoxicity of a novel composite as a bone substitute. <i>Journal of Biomedical Materials Research - Part A</i> , 2003, 67A, 1163-1169.	2.1	49

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73	Locally Administered Nerve Growth Factor Suppresses Ginsenoside Rb1-enhanced Peripheral Nerve Regeneration. <i>The American Journal of Chinese Medicine</i> , 2003, 31, 665-673.	1.5	19
74	Effects of percutaneous electrical stimulation on peripheral nerve regeneration using silicone rubber chambers. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 57, 541-549.	3.0	29
75	Effect of Acupuncture Stimulation on Peripheral Nerve Regeneration Using Silicone Rubber Chambers. <i>The American Journal of Chinese Medicine</i> , 2001, 29, 377-385.	1.5	22
76	Effects of Buyang Huanwu Decoction on Peripheral Nerve Regeneration Using Silicone Rubber Chambers. <i>The American Journal of Chinese Medicine</i> , 2001, 29, 423-432.	1.5	39
77	Peripheral nerve regeneration using silicone rubber chambers filled with collagen, laminin and fibronectin. <i>Biomaterials</i> , 2000, 21, 1541-1547.	5.7	181