Yun Qian

List of Publications by Year in Descending Order

68 papers	2,018 citations	21 h-index	44 g-index
71 ext. papers	2,981 ext. citations	8.4 avg, IF	5.32 L-index

#	Paper	IF	Citations
68	A multifunctional ATP-generating system by reduced graphene oxide-based scaffold repairs neuronal injury by improving mitochondrial function and restoring bioelectricity conduction.. *Materials Today Bio*, **2022**, 13, 100211	9.9	3
67	Biomimetic multilayer polycaprolactone/sodium alginate hydrogel scaffolds loaded with melatonin facilitate tendon regeneration. *Carbohydrate Polymers*, **2022**, 277, 118865	10.3	5
66	Biomechanical Evaluation of a Low-Invasive Elbow Medial Collateral Ligament Reconstruction Technique With Fascia and Tendon Patches.. *Frontiers in Bioengineering and Biotechnology*, **2022**, 10, 831545	5.8	
65	Clinical results of a 10-year follow-up of surgical treatment for elbow stiffness in rheumatoid arthritis: A case series.. *International Journal of Surgery*, **2022**, 106590	7.5	0
64	Effectiveness of therapeutic ultrasound for the treatment of carpal tunnel syndrome (the USTINCTS trial): study protocol for a three-arm, prospective, multicentre, randomised controlled trial.. *BMJ Open*, **2022**, 12, e057541	3	
63	Multifunctional biomimetic hydrogel based on graphene nanoparticles and sodium alginate for peripheral nerve injury therapy **2022**, 212727		1
62	targets lncRNA ENO1-IT1 to promote glycolysis and oncogenesis in colorectal cancer. *Gut*, **2021**, 70, 2123-2137	19.2	28
61	Biological and biocompatible characteristics of fullerenols nanomaterials for tissue engineering. *Histology and Histopathology*, **2021**, 36, 725-731	1.4	5
60	Two-Dimensional Nanomaterials for Peripheral Nerve Engineering: Recent Advances and Potential Mechanisms. *Frontiers in Bioengineering and Biotechnology*, **2021**, 9, 746074	5.8	4
59	Functional nanomaterials in peripheral nerve regeneration: Scaffold design, chemical principles and microenvironmental remodeling. *Materials Today*, **2021**, 51, 165-165	21.8	20
58	Alterations in the oral and gut microbiome of colorectal cancer patients and association with host clinical factors. *International Journal of Cancer*, **2021**, 149, 925	7.5	5
57	Boron nitride nanosheets functionalized channel scaffold favors microenvironment rebalance cocktail therapy for piezocatalytic neuronal repair. *Nano Energy*, **2021**, 83, 105779	17.1	23
56	Quercetin Attenuates Trauma-Induced Heterotopic Ossification by Tuning Immune Cell Infiltration and Related Inflammatory Insult. *Frontiers in Immunology*, **2021**, 12, 649285	8.4	1
55	A clinical nomogram incorporating salivary level and oral hygiene index for predicting colorectal cancer. *Annals of Translational Medicine*, **2021**, 9, 754	3.2	2
54	Preclinical assessment on neuronal regeneration in the injury-related microenvironment of graphene-based scaffolds. *Npj Regenerative Medicine*, **2021**, 6, 31	15.8	20
53	MicroRNA engineered umbilical cord stem cell-derived exosomes direct tendon regeneration by mTOR signaling. *Journal of Nanobiotechnology*, **2021**, 19, 169	9.4	7
52	Fecal Fusobacterium nucleatum as a predictor for metachronous colorectal adenoma after endoscopic polypectomy. *Journal of Gastroenterology and Hepatology (Australia)*, **2021**, 36, 2841-2849	4	2

51	The influence of reduced graphene oxide on stem cells: a perspective in peripheral nerve regeneration. *International Journal of Energy Production and Management*, **2021**, 8, rbab032	5.3	7
50	Nanoparticles based on polymers modified with pH-sensitive molecular switch and low molecular weight heparin carrying Celastrol and ferrocene for breast cancer treatment. *International Journal of Biological Macromolecules*, **2021**, 183, 2215-2226	7.9	2
49	Biomimicry in 3D printing design: implications for peripheral nerve regeneration. *Regenerative Medicine*, **2021**, 16, 683-701	2.5	10
48	Synbindin restrains proinflammatory macrophage activation against microbiota and mucosal inflammation during colitis. *Gut*, **2021**, 70, 2261-2272	19.2	8
47	ZFP90 drives the initiation of colitis-associated colorectal cancer via a microbiota-dependent strategy. *Gut Microbes*, **2021**, 13, 1-20	8.8	2
46	Electroactive nanomaterials in the peripheral nerve regeneration. *Journal of Materials Chemistry B*, **2021**, 9, 6958-6972	7.3	12
45	TRAPPC4 regulates the intracellular trafficking of PD-L1 and antitumor immunity. *Nature Communications*, **2021**, 12, 5405	17.4	3
44	Pharmacological activation of SIRT1 by metformin prevented trauma-induced heterotopic ossification through inhibiting macrophage mediated inflammation. *European Journal of Pharmacology*, **2021**, 909, 174386	5.3	2
43	Melatonin-Based and Biomimetic Scaffold as MuscleECM Implant for Guiding Myogenic Differentiation of Volumetric Muscle Loss. *Advanced Functional Materials*, **2020**, 30, 2002378	15.6	14
42	An Integrative Dual-Layer Poly-L-Lactic Acid Fibrous Membrane Prevents Peritendinous Adhesions. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 387	5.8	2
41	Significance of granuloma and granulomatous lymphangitis in the differential diagnosis of Crohn's disease. *Journal of Digestive Diseases*, **2020**, 21, 454-461	3.3	1
40	Mechano-Informed Biomimetic Polymer Scaffolds by Incorporating Self-Powered Zinc Oxide Nanogenerators Enhance Motor Recovery and Neural Function. *Small*, **2020**, 16, e2000796	11	38
39	Rectify The Injury-Induced Microenvironment Imbalance In Peripheral Nerve Repair. *Advanced Materials Letters*, **2020**, 11, 20101562-20101562	2.4	2
38	Risk Factors for the Occurrence and Progression of Posttraumatic Elbow Stiffness: A Case-Control Study of 688 Cases. *Frontiers in Medicine*, **2020**, 7, 604056	4.9	2
37	3D structured self-powered PVDF/PCL scaffolds for peripheral nerve regeneration. *Nano Energy*, **2020**, 69, 104411	17.1	54
36	(-)-Epigallocatechin gallate-loaded polycaprolactone scaffolds fabricated using a 3D integrated moulding method alleviate immune stress and induce neurogenesis. *Cell Proliferation*, **2020**, 53, e12730	7.9	31
35	Polymeric Guide Conduits for Peripheral Nerve Tissue Engineering. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 582646	5.8	19
34	MicroRNA-21-3p Engineered Umbilical Cord Stem Cell-Derived Exosomes Inhibit Tendon Adhesion. *Journal of Inflammation Research*, **2020**, 13, 303-316	4.8	13

33	Extracellular vesicles from hydroxycamptothecin primed umbilical cord stem cells enhance anti-adhesion potential for treatment of tendon injury. *Stem Cell Research and Therapy*, **2020**, 11, 500	8.3	5
32	Applications of Polydopamine-Modified Scaffolds in the Peripheral Nerve Tissue Engineering. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 590998	5.8	16
31	Electrospinning Multilayered Scaffolds Loaded with Melatonin and Fe3O4 Magnetic Nanoparticles for Peripheral Nerve Regeneration. *Advanced Functional Materials*, **2020**, 30, 2004537	15.6	34
30	Saccharomyces cerevisiae may serve as a probiotic in colorectal cancer by promoting cancer cell apoptosis. *Journal of Digestive Diseases*, **2020**, 21, 571-582	3.3	4
29	Nerve Guidance Conduit: Electrospinning Multilayered Scaffolds Loaded with Melatonin and Fe3O4 Magnetic Nanoparticles for Peripheral Nerve Regeneration (Adv. Funct. Mater. 38/2020). *Advanced Functional Materials*, **2020**, 30, 2070258	15.6	8
28	Long noncoding RNA BFAL1 mediates enterotoxigenic Bacteroides fragilis-related carcinogenesis in colorectal cancer via the RHEB/mTOR pathway. *Cell Death and Disease*, **2019**, 10, 675	9.8	33
27	Hydroxycamptothecin Inhibits Peritendinous Adhesion the Endoplasmic Reticulum Stress-Dependent Apoptosis. *Frontiers in Pharmacology*, **2019**, 10, 967	5.6	4
26	Advances in electrical and magnetic stimulation on nerve regeneration. *Regenerative Medicine*, **2019**, 14, 969-979	2.5	29
25	Hydroxycamptothecin Prevents Fibrotic Pathways in Fibroblasts In Vitro. *IUBMB Life*, **2019**, 71, 653-662	4.7	4
24	Asymmetrical 3D Nanoceria Channel for Severe Neurological Defect Regeneration. *IScience*, **2019**, 12, 216-231	6.1	32
23	Obesity may be a risk factor for recurrent heterotopic ossification in post-traumatic stiff elbow among children and teenagers. *Orthopaedics and Traumatology: Surgery and Research*, **2019**, 105, 1193-1198	2.0	4
22	Multilayer integration manufacture of graphene oxide based nerve scaffold. *IOP Conference Series: Materials Science and Engineering*, **2019**, 479, 012016	0.4	
21	Multilayered spraying and gradient dotting of nanodiamond-polycaprolactone guidance channels for restoration of immune homeostasis. *NPG Asia Materials*, **2019**, 11,	10.3	30
20	Concentrically Integrative Bioassembly of a Three-Dimensional Black Phosphorus Nanoscaffold for Restoring Neurogenesis, Angiogenesis, and Immune Homeostasis. *Nano Letters*, **2019**, 19, 8990-9001	11.5	59
19	Synbindin deficiency inhibits colon carcinogenesis by attenuating Wnt cascade and balancing gut microbiome. *International Journal of Cancer*, **2019**, 145, 206-220	7.5	7
18	Surgical release for tubercular elbow stiffness. *Infection and Drug Resistance*, **2018**, 11, 9-16	4.2	1
17	Chelerythrine Inhibits Human Hepatocellular Carcinoma Metastasis in Vitro. *Biological and Pharmaceutical Bulletin*, **2018**, 41, 36-46	2.3	17
16	3D Fabrication with Integration Molding of a Graphene Oxide/Polycaprolactone Nanoscaffold for Neurite Regeneration and Angiogenesis. *Advanced Science*, **2018**, 5, 1700499	13.6	86

15	3D Manufacture of Gold Nanocomposite Channels Facilitates Neural Differentiation and Regeneration. *Advanced Functional Materials*, **2018**, 28, 1707077	15.6	46
14	An integrated multi-layer 3D-fabrication of PDA/RGD coated graphene loaded PCL nanoscaffold for peripheral nerve restoration. *Nature Communications*, **2018**, 9, 323	17.4	170
13	One-pot construction of a twice-condensed pDNA polyplex system for peripheral nerve crush injury therapy. *Biomaterials Science*, **2018**, 6, 2059-2072	7.4	6
12	Rapamycin Protects Against Peritendinous Fibrosis Through Activation of Autophagy. *Frontiers in Pharmacology*, **2018**, 9, 402	5.6	21
11	Insights into medical humanities education in China and the West. *Journal of International Medical Research*, **2018**, 46, 3507-3517	1.4	10
10	Structural Restoration of the Medial Collateral Ligament Using Cubital Tunnel Retinaculum in Stiff Elbow Instability. *Chinese Medical Journal*, **2018**, 131, 2608-2610	2.9	
9	Characteristics and management of bone and joint tuberculosis in native and migrant population in Shanghai during 2011 to 2015. *BMC Infectious Diseases*, **2018**, 18, 543	4	7
8	3D melatonin nerve scaffold reduces oxidative stress and inflammation and increases autophagy in peripheral nerve regeneration. *Journal of Pineal Research*, **2018**, 65, e12516	10.4	44
7	Lentivirus-mediated microRNA-124 gene-modified bone marrow mesenchymal stem cell transplantation promotes the repair of spinal cord injury in rats. *Experimental and Molecular Medicine*, **2017**, 49, e332	12.8	29
6	Fusobacterium nucleatum Promotes Chemoresistance to Colorectal Cancer by Modulating Autophagy. *Cell*, **2017**, 170, 548-563.e16	56.2	765
5	Effect on muscle strength of the upper extremities after open elbow arthrolysis. *JSES Open Access*, **2017**, 1, 63-71	3.2	1
4	Advances in Roles of miR-132 in the Nervous System. *Frontiers in Pharmacology*, **2017**, 8, 770	5.6	54
3	Platelet-Rich Plasma Derived Growth Factors Contribute to Stem Cell Differentiation in Musculoskeletal Regeneration. *Frontiers in Chemistry*, **2017**, 5, 89	5	51
2	Cinnamic acid derivatives from the ethyl acetate fraction of Sargentodoxa cuneata. *Chemistry of Natural Compounds*, **2012**, 48, 118-119	0.7	3
1	Grooved Fibers: Preparation Principles Through Electrospinning and Potential Applications. *Advanced Fiber Materials*,1	10.9	12