

# Cunyi Fan

## List of PR Articles by Year in descending order

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187

PR articles

7,550

PR citations

31267

47

PR h-index

41359

83

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189

documents

8099

doc citations

38279

48

h-index

7946

citing authors

#	ARTICLE	IF	PR CITATIONS
1	<sc>KLF2</sc>/<sc>PPAR $\beta$ </sc> axis contributes to trauma-induced heterotopic ossification by regulating mitochondrial dysfunction. Cell Proliferation, 2024, 57, .	6.0	9
2	Cell metabolism pathways involved in the pathophysiological changes of diabetic peripheral neuropathy. Neural Regeneration Research, 2024, 19, 598-605.	5.2	17
3	Resection Outcomes of Posttraumatic Elbow Heterotopic Ossification: Multicenter Case Series at a Minimum 5-Year Follow-Up. Plastic and Reconstructive Surgery, 2024, 154, 589e-600e.	1.9	3
4	Development and Validation of a Deep-Learning Model to Predict Total Hip Replacement on Radiographs. Journal of Bone and Joint Surgery - Series A, 2024, 106, 389-396.	3.4	6
5	Decoding the regulatory role of ATP synthase inhibitory factor 1 (ATPIF1) in Wallerian degeneration and peripheral nerve regeneration. Exploration, 2024, 4, .	18.2	6
6	Chiral Arginine Modified Electrospun Membrane for Enhancing Tendon Healing. Advanced Functional Materials, 2024, 34, .	17.0	14
7	Hierarchical Chiral Calcium Silicate Hydrate Films Promote Vascularization for Tendon-Bone Healing. Advanced Materials, 2024, 36, .	24.5	21
8	Endogenous hydrogen sulfide accelerated trauma-induced heterotopic ossification through the Ca <sup>2+</sup> /ERK pathway-enhanced aberrant osteogenic activity. Redox Biology, 2024, 75, 103265.	11.0	2
9	Multilevel neurium-mimetic individualized graft via additive manufacturing for efficient tissue repair. Nature Communications, 2024, 15, .	13.9	24
10	Gradient Nanoaggregation in a Magnetically Actuated Scaffold for Multiscale Immunoregulation and Microenvironment Remodeling Accelerates Nerve and Muscle Repair. , 2023, 5, 580-595.		16
11	Endocrine modulation of brain-skeleton axis driven by neural stem cell-derived perilipin 5 in the lipid metabolism homeostasis for bone regeneration. Molecular Therapy, 2023, 31, 1293-1312.	10.4	11
12	Metal organic framework-modified bioadaptable implant potentiates the reconstruction of nerve microenvironment via immunometabolism reprogramming. Nano Today, 2023, 49, 101814.	10.0	47
13	NLRP3-Dependent Crosstalk between Pyroptotic Macrophage and Senescent Cell Orchestrates Trauma-Induced Heterotopic Ossification During Aberrant Wound Healing. Advanced Science, 2023, 10, .	12.7	31
14	Association Between Tranexamic Acid Use and Heterotopic Ossification Prevalence After Elbow Trauma Surgery. Journal of Bone and Joint Surgery - Series A, 2023, 105, 1093-1100.	3.4	7
15	Glycolipotoxicity conferred tendinopathy through ferroptosis dictation of tendon-derived stem cells by YAP activation. IUBMB Life, 2023, 75, 1003-1016.	3.1	7
16	Dual-engineered cartilage-targeting extracellular vesicles derived from mesenchymal stem cells enhance osteoarthritis treatment via miR-223/NLRP3/pyroptosis axis: Toward a precision therapy. Bioactive Materials, 2023, 30, 169-183.	8.9	50
17	Chiral mesostructured hydroxyapatite on 3D macroporous coralline scaffolds for enantio-selective osteogenesis. Materials Advances, 2023, 4, 5817-5826.	4.7	8
18	An extracellular matrix mimicking alginate hydrogel scaffold manipulates an inflammatory microenvironment and improves peripheral nerve regeneration by controlled melatonin release. Journal of Materials Chemistry B, 2023, 11, 11552-11561.	5.6	17

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19	Biomimetic multilayer polycaprolactone/sodium alginate hydrogel scaffolds loaded with melatonin facilitate tendon regeneration. <i>Carbohydrate Polymers</i> , 2022, 277, 118865.	12.2	88
20	Macrophage Polarization Modulated by NF- $\kappa$ B in Polylactide Membranes-Treated Peritendinous Adhesion. <i>Small</i> , 2022, 18, .	11.6	89
21	Self-Healing Hydrogel Embodied with Macrophage-Regulation and Responsive-Gene-Silencing Properties for Synergistic Prevention of Peritendinous Adhesion. <i>Advanced Materials</i> , 2022, 34, .	24.5	201
22	Efficacy of ultrasound therapy for the treatment of lateral elbow tendinopathy (the UCICLET Trial): study protocol for a three-arm, prospective, multicentre, randomised controlled trial. <i>BMJ Open</i> , 2022, 12, e057266.	2.0	2
23	Biomechanical Evaluation of a Low-Invasive Elbow Medial Collateral Ligament Reconstruction Technique With Fascia and Tendon Patches. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, .	4.0	1
24	What are the prevalence of and factors independently associated with depression and anxiety among patients with posttraumatic elbow stiffness? A cross-sectional, multicenter study. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, 31, 469-480.	2.4	14
25	Clinical results of a 10-year follow-up of surgical treatment for elbow stiffness in rheumatoid arthritis: A case series. <i>International Journal of Surgery</i> , 2022, 99, 106590.	5.6	8
26	Development and validation of a prognostic nomogram for open elbow arthrolysis. <i>Bone and Joint Journal</i> , 2022, 104-B, 486-494.	3.9	9
27	Effectiveness of therapeutic ultrasound for the treatment of carpal tunnel syndrome (the USTINCTS) Tj ETQq1 1 0.784314 rgBT / Over Open, 2022, 12, e057541.	2.0	6
28	Novel enzyme-sensitive poly-tioxolone membranes for peritendinous anti-adhesion. <i>Composites Part B: Engineering</i> , 2022, 238, 109904.	12.8	11
29	Magnetically Actuated Reactive Oxygen Species Scavenging Nano-Robots for Targeted Treatment. <i>Advanced Intelligent Systems</i> , 2022, 4, .	5.6	26
30	Thrombin Improves Diabetic Wound Healing by ERK-Dependent and Independent Smad2/3 Linker Region Phosphorylation. <i>Current Pharmaceutical Design</i> , 2022, 28, 1433-1443.	2.4	3
31	MiR-20a-5p facilitates cartilage repair in osteoarthritis via suppressing mitogen-activated protein kinase kinase kinase 2. <i>Bioengineered</i> , 2022, 13, 13801-13814.	4.1	8
32	Biodegradable Hollow-Structured Nanozymes Modulate Phenotypic Polarization of Macrophages and Relieve Hypoxia for Treatment of Osteoarthritis. <i>Small</i> , 2022, 18, .	11.6	78
33	A new prognostic nomogram for heterotopic ossification formation after elbow trauma. <i>Bone and Joint Journal</i> , 2022, 104-B, 963-971.	3.9	11
34	Macrophage-Derived TGF- $\beta$ 2 and VEGF Promote the Progression of Trauma-Induced Heterotopic Ossification. <i>Inflammation</i> , 2022, 46, 202-216.	4.1	32
35	Effectiveness and safety of a less-invasive MCL reconstruction technique for contracted or ossified ligaments in patients with elbow stiffness: An open-label, non-randomised, prospective, multicentre trial in China. <i>EClinicalMedicine</i> , 2022, 52, 101616.	8.5	6
36	Periosteum-inspired in situ CaP generated nanocomposite hydrogels with strong bone adhesion and superior stretchability for accelerated distraction osteogenesis. <i>Biomaterials Research</i> , 2022, 26, .	8.9	18

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37	MMP-2 Responsive Unidirectional Hydrogel-Electrospun Patch Loading TGF- $\beta$ 1 siRNA Polyplexes for Peritendinous Anti-Adhesion. <i>Advanced Functional Materials</i> , 2021, 31, .	17.0	68
38	Chondroitin sulfate modified 3D porous electrospun nanofiber scaffolds promote cartilage regeneration. <i>Materials Science and Engineering C</i> , 2021, 118, 111312.	5.8	64
39	Promotion of collagen deposition during skin healing through Smad3/mTOR pathway by parathyroid hormone-loaded microneedle. <i>Materials Science and Engineering C</i> , 2021, 119, 111446.	5.8	29
40	How effective is periarticular multimodal drug injection in open elbow arthrolysis? A prospective double-blind randomized controlled trial. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 884-893.	2.4	5
41	Tenogenic adipose-derived stem cell sheets with nanoyarn scaffolds for tendon regeneration. <i>Materials Science and Engineering C</i> , 2021, 119, 111506.	5.8	49
42	Electroactive nanomaterials in the peripheral nerve regeneration. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6958-6972.	5.6	75
43	What constitutes a clinically important change in Mayo Elbow Performance Index and range of movement after open elbow arthrolysis?. <i>Bone and Joint Journal</i> , 2021, 103-B, 366-372.	3.9	41
44	Boron nitride nanosheets functionalized channel scaffold favors microenvironment rebalance cocktail therapy for piezocatalytic neuronal repair. <i>Nano Energy</i> , 2021, 83, 105779.	16.3	98
45	Quercetin Attenuates Trauma-Induced Heterotopic Ossification by Tuning Immune Cell Infiltration and Related Inflammatory Insult. <i>Frontiers in Immunology</i> , 2021, 12, .	5.1	47
46	Inhibition of IL-17 prevents the progression of traumatic heterotopic ossification. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7709-7719.	4.1	10
47	Preclinical assessment on neuronal regeneration in the injury-related microenvironment of graphene-based scaffolds. <i>Npj Regenerative Medicine</i> , 2021, 6, .	6.0	69
48	MicroRNA engineered umbilical cord stem cell-derived exosomes direct tendon regeneration by mTOR signaling. <i>Journal of Nanobiotechnology</i> , 2021, 19, .	11.6	80
49	The influence of reduced graphene oxide on stem cells: a perspective in peripheral nerve regeneration. <i>International Journal of Energy Production and Management</i> , 2021, 8, .	3.7	37
50	Biomimicry in 3D Printing Design: Implications for Peripheral Nerve Regeneration. <i>Regenerative Medicine</i> , 2021, 16, 683-701.	2.0	22
51	Intravenous tranexamic acid reduce postoperative drainage and pain after open elbow arthrolysis: a randomized controlled trial. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 1725-1732.	2.4	14
52	Pharmacological activation of SIRT1 by metformin prevented trauma-induced heterotopic ossification through inhibiting macrophage mediated inflammation. <i>European Journal of Pharmacology</i> , 2021, 909, 174386.	4.4	21
53	Functional nanomaterials in peripheral nerve regeneration: Scaffold design, chemical principles and microenvironmental remodeling. <i>Materials Today</i> , 2021, 51, 165-187.	14.0	166
54	A smart ROS/NIR dual-responsive melanin delivery platform for photoacoustic imaging-guided osteoarthritis therapy. <i>Applied Materials Today</i> , 2021, 25, 101216.	3.9	13

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55	Two-Dimensional Nanomaterials for Peripheral Nerve Engineering: Recent Advances and Potential Mechanisms. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, .	4.0	19
56	Long-term Outcomes of Open Arthrolysis Combined with Radial Head Arthroplasty for Posttraumatic Elbow Stiffness: Results are Durable over Eight Years. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, , .	2.4	2
57	Tacrolimus-Induced Neurotrophic Differentiation of Adipose-Derived Stem Cells as Novel Therapeutic Method for Peripheral Nerve Injury. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, .	3.5	15
58	A new pathologic classification for elbow stiffness based on our experience in 216 patients. <i>Journal of Shoulder and Elbow Surgery</i> , 2020, 29, e75-e86.	2.4	17
59	(â€)â€Epigallocatechin gallateâ€loaded polycaprolactone scaffolds fabricated using a 3D integrated moulding method alleviate immune stress and induce neurogenesis. <i>Cell Proliferation</i> , 2020, 53, .	6.0	52
60	Polymeric Guide Conduits for Peripheral Nerve Tissue Engineering. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, .	4.0	69
61	Biomimetic and hierarchical nerve conduits from multifunctional nanofibers for guided peripheral nerve regeneration. <i>Acta Biomaterialia</i> , 2020, 117, 180-191.	9.4	83
62	&lt;p&gt;MicroRNA-21-3p Engineered Umbilical Cord Stem Cell-Derived Exosomes Inhibit Tendon Adhesion&lt;/p&gt;. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 303-316.	3.8	50
63	Open elbow arthrolysis for post-traumatic elbow stiffness. <i>Bone &amp; Joint Open</i> , 2020, 1, 576-584.	2.9	25
64	Extracellular vesicles from hydroxycamptothecin primed umbilical cord stem cells enhance anti-adhesion potential for treatment of tendon injury. <i>Stem Cell Research and Therapy</i> , 2020, 11, .	6.9	39
65	Bioinspired Multichannel Nerve Guidance Conduit Based on Shape Memory Nanofibers for Potential Application in Peripheral Nerve Repair. <i>ACS Nano</i> , 2020, 14, 12579-12595.	15.3	179
66	Parathyroid Hormoneâ€Loaded Microneedle Promotes Tendon Healing Through Activation of mTOR. <i>Advanced Therapeutics</i> , 2020, 3, .	2.2	10
67	Promoting coagulation and activating SMAD3 phosphorylation in wound healing via a dual-release thrombin-hydrogel. <i>Chemical Engineering Journal</i> , 2020, 397, 125414.	12.0	16
68	Beeswax-inspired superhydrophobic electrospun membranes for peritendinous anti-adhesion. <i>Materials Science and Engineering C</i> , 2020, 116, 111166.	5.8	37
69	Effect of hyperuricemia on functional outcomes and complications in patients with elbow stiffness after open arthrolysis combined with hinged external fixation: a retrospective study. <i>Journal of Shoulder and Elbow Surgery</i> , 2020, 29, 1387-1393.	2.4	11
70	Mechanoâ€Informed Biomimetic Polymer Scaffolds by Incorporating Selfâ€Powered Zinc Oxide Nanogenerators Enhance Motor Recovery and Neural Function. <i>Small</i> , 2020, 16, .	11.6	127
71	Risk Factors for the Occurrence and Progression of Posttraumatic Elbow Stiffness: A Case-Control Study of 688 Cases. <i>Frontiers in Medicine</i> , 2020, 7, .	2.6	26
72	&lt;p&gt;Overexpression of SOX9 alleviates the progression of human osteoarthritis in vitro and in vivo&lt;/p&gt;. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 2833-2842.	4.5	60

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73	Multilayered spraying and gradient dotting of nanodiamondâ€“polycaprolactone guidance channels for restoration of immune homeostasis. <i>NPG Asia Materials</i> , 2019, 11, .	7.5	47
74	Hydroxycamptothecin Inhibits Peritendinous Adhesion via the Endoplasmic Reticulum Stress-Dependent Apoptosis. <i>Frontiers in Pharmacology</i> , 2019, 10, .	4.0	18
75	Advances in Electrical and Magnetic Stimulation on Nerve Regeneration. <i>Regenerative Medicine</i> , 2019, 14, 969-979.	2.0	70
76	Hydroxycamptothecin Prevents Fibrotic Pathways in Fibroblasts In Vitro. <i>IUBMB Life</i> , 2019, 71, 653-662.	3.1	8
77	Asymmetrical 3D Nanoceria Channel for Severe Neurological Defect Regeneration. <i>IScience</i> , 2019, 12, 216-231.	3.6	45
78	Effect of enhanced recovery after surgery (ERAS) pathway on the postoperative outcomes of elbow arthrolysis: A randomized controlled trial. <i>International Journal of Surgery</i> , 2019, 68, 78-84.	5.6	18
79	Obesity may be a risk factor for recurrent heterotopic ossification in post-traumatic stiff elbow among children and teenagers. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2019, 105, 1193-1198.	2.3	11
80	Enhancement of Schwann Cells Function Using Graphene-Oxide-Modified Nanofiber Scaffolds for Peripheral Nerve Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2444-2456.	5.4	72
81	Determining the effective timing of an open arthrolysis for post-traumatic elbow stiffness: a retrospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, .	2.2	16
82	Severe traumatic valgus instability of the elbow: pathoanatomy and outcomes of primary operation. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, .	2.6	6
83	Concentrically Integrative Bioassembly of a Three-Dimensional Black Phosphorus Nanoscaffold for Restoring Neurogenesis, Angiogenesis, and Immune Homeostasis. <i>Nano Letters</i> , 2019, 19, 8990-9001.	8.7	133
84	What Range of Motion and Functional Results Can Be Expected After Open Arthrolysis with Hinged External Fixation For Severe Posttraumatic Elbow Stiffness?. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 2319-2328.	1.8	36
85	Macrophage-Derived miRNA-Containing Exosomes Induce Peritendinous Fibrosis after Tendon Injury through the miR-21-5p/Smad7 Pathway. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 114-130.	5.6	113
86	Gene Silencing via PDA/ERK2â€“siRNAâ€“Mediated Electrospun Fibers for Peritendinous Antiadhesion. <i>Advanced Science</i> , 2019, 6, .	12.7	51
87	In vitro and in vivo studies of electroactive reduced graphene oxide-modified nanofiber scaffolds for peripheral nerve regeneration. <i>Acta Biomaterialia</i> , 2019, 84, 98-113.	9.4	220
88	Development and validation of a new elbow-specific scoring system for patients with elbow stiffness: the Shanghai Elbow Dysfunction Score. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 296-303.	2.4	9
89	Tobacco use predicts poorer clinical outcomes and higher post-operative complication rates after open elbow arthrolysis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 883-891.	1.9	4
90	Integrated analysis of long non-coding RNAs and mRNAs associated with peritendinous fibrosis. <i>Journal of Advanced Research</i> , 2019, 15, 49-58.	10.7	21

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91	3D Fabrication with Integration Molding of a Graphene Oxide/Polycaprolactone Nanoscaffold for Neurite Regeneration and Angiogenesis. <i>Advanced Science</i> , 2018, 5, .	12.7	166
92	Inhibition of overactive TGF- $\beta$ 2 attenuates progression of heterotopic ossification in mice. <i>Nature Communications</i> , 2018, 9, .	13.9	199
93	3D Manufacture of Gold Nanocomposite Channels Facilitates Neural Differentiation and Regeneration. <i>Advanced Functional Materials</i> , 2018, 28, .	17.0	77
94	Effect of disease duration on functional outcomes and complications after arthrolysis in patients with elbow stiffness. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 381-386.	2.4	6
95	Impact of different glucose metabolism status on clinical outcomes of open arthrolysis for post-traumatic elbow stiffness. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 1072-1077.	2.4	10
96	Characteristics and management of bone and joint tuberculosis in native and migrant population in Shanghai during 2011 to 2015. <i>BMC Infectious Diseases</i> , 2018, 18, .	2.8	15
97	Validation of the Liverpool Elbow Score for evaluation of elbow stiffness. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, .	2.2	7
98	3D melatonin nerve scaffold reduces oxidative stress and inflammation and increases autophagy in peripheral nerve regeneration. <i>Journal of Pineal Research</i> , 2018, 65, .	7.1	107
99	Rapamycin Protects Against Peritendinous Fibrosis Through Activation of Autophagy. <i>Frontiers in Pharmacology</i> , 2018, 9, .	4.0	43
100	Insights into medical humanities education in China and the West. <i>Journal of International Medical Research</i> , 2018, 46, 3507-3517.	1.4	36
101	Aberrant TGF- $\beta$ 2 activation in bone tendon insertion induces enthesopathy-like disease. <i>Journal of Clinical Investigation</i> , 2018, 128, 846-860.	10.7	40
102	Results and outcome predictors after open release of complete ankylosis of the elbow caused by heterotopic ossification. <i>International Orthopaedics</i> , 2017, 41, 1627-1632.	1.9	16
103	Macrophage infiltration of electrospun polyester fibers. <i>Biomaterials Science</i> , 2017, 5, 1579-1587.	5.7	41
104	The influence of body mass index on outcome of open arthrolysis for post-traumatic elbow stiffness. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 809-814.	2.4	13
105	Surface heparinization and blood compatibility modification of small intestinal submucosa (SIS) for small-caliber vascular regeneration. <i>Bio-Medical Materials and Engineering</i> , 2017, 28, 213-222.	0.6	6
106	RelA/p65 inhibition prevents tendon adhesion by modulating inflammation, cell proliferation, and apoptosis. <i>Cell Death and Disease</i> , 2017, 8, e2710-e2710.	8.7	107
107	Cartilage oligomeric matrix protein improves in vivo cartilage regeneration and compression modulus by enhancing matrix assembly and synthesis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 518-526.	5.4	16
108	Team Approach: Elbow Contracture Due to Heterotopic Ossification. <i>JBJS Reviews</i> , 2017, 5, .	2.0	17

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109	Electrospun fibrous membranes featuring sustained release of ibuprofen reduce adhesion and improve neurological function following lumbar laminectomy. <i>Journal of Controlled Release</i> , 2017, 264, 1-13.	11.1	63
110	The timing of open surgical release of post-traumatic elbow stiffness. <i>Medicine (United States)</i> , 2017, 96, e9121.	1.3	26
111	Advances in Roles of miR-132 in the Nervous System. <i>Frontiers in Pharmacology</i> , 2017, 8, .	4.0	120
112	Platelet-Rich Plasma Derived Growth Factors Contribute to Stem Cell Differentiation in Musculoskeletal Regeneration. <i>Frontiers in Chemistry</i> , 2017, 5, .	3.6	143
113	Potential Value of miR-221/222 as Diagnostic, Prognostic, and Therapeutic Biomarkers for Diseases. <i>Frontiers in Immunology</i> , 2017, 8, .	5.1	174
114	Surgical release for tubercular elbow stiffness. <i>Infection and Drug Resistance</i> , 2017, Volume 11, 9-16.	2.8	2
115	Metformin prevents peritendinous fibrosis by inhibiting transforming growth factor- $\beta^2$ signaling. <i>Oncotarget</i> , 2017, 8, 101784-101794.	1.7	40
116	Impact of Smoking on Clinical Outcomes of Open Arthrolysis for Post-Traumatic Elbow Stiffness. <i>Journal of Bone Research</i> , 2017, 05, .	0.9	0
117	Risk factors for development of severe post-traumatic elbow stiffness. <i>International Orthopaedics</i> , 2017, 42, 595-600.	1.9	26
118	Efficient and Non-Toxic Biological Response Carrier Delivering TNF- $\beta$ shRNA for Gene Silencing in a Murine Model of Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2016, 7, .	5.1	22
119	Polymerizing Pyrrole Coated Poly (l-lactic acid-co- $\epsilon$ -caprolactone) (PLCL) Conductive Nanofibrous Conduit Combined with Electric Stimulation for Long-Range Peripheral Nerve Regeneration. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, .	3.5	102
120	Mesenchymal stem cells promote osteosarcoma cell survival and drug resistance through activation of STAT3. <i>Oncotarget</i> , 2016, 7, 48296-48308.	1.7	87
121	The use of SHP-2 gene transduced bone marrow mesenchymal stem cells to promote osteogenic differentiation and bone defect repair in rat. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1871-1881.	4.3	13
122	Chronic Posttraumatic Dislocation of Radial Head With Ulnar Nerve Entrapment in a Child. <i>Annals of Plastic Surgery</i> , 2016, 76, 659-662.	1.2	2
123	Effect of pERK2 on extracellular matrix turnover of the fibrotic joint capsule in a post-traumatic joint contracture model. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 547-552.	2.1	18
124	Inhibition of connexin 43 prevents trauma-induced heterotopic ossification. <i>Scientific Reports</i> , 2016, 6, .	3.5	12
125	Ulnar neuritis after open elbow arthrolysis combined with ulnar nerve subcutaneous transposition for post-traumatic elbow stiffness: outcome and risk factors. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 1027-1033.	2.4	21
126	Superabsorbent 3D Scaffold Based on Electrospun Nanofibers for Cartilage Tissue Engineering. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 24415-24425.	8.0	289

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127	miR-203 inhibits the traumatic heterotopic ossification by targeting Runx2. <i>Cell Death and Disease</i> , 2016, 7, e2436-e2436.	8.7	35
128	MiR-630 Inhibits Endothelial-Mesenchymal Transition by Targeting Slug in Traumatic Heterotopic Ossification. <i>Scientific Reports</i> , 2016, 6, .	3.5	43
129	Release of celecoxib from a bi-layer biomimetic tendon sheath to prevent tissue adhesion. <i>Materials Science and Engineering C</i> , 2016, 61, 220-226.	5.8	58
130	Enhancement of chondrogenic differentiation of rabbit mesenchymal stem cells by oriented nanofiber yarn-collagen type I/hyaluronate hybrid. <i>Materials Science and Engineering C</i> , 2016, 58, 1071-1076.	5.8	35
131	Electrospun silk fibroin-poly (lactic-co-glycolic acid) membrane for nerve tissue engineering. <i>Journal of Bioactive and Compatible Polymers</i> , 2016, 31, 208-224.	2.3	15
132	Osteochondral regeneration using an oriented nanofiber yarn-collagen type I/hyaluronate hybrid/TCP biphasic scaffold. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 581-592.	4.3	51
133	Optimization of intrinsic and extrinsic tendon healing through controllable water-soluble mitomycin-C release from electrospun fibers by mediating adhesion-related gene expression. <i>Biomaterials</i> , 2015, 61, 61-74.	12.3	117
134	Multi-Layer Electrospun Membrane Mimicking Tendon Sheath for Prevention of Tendon Adhesions. <i>International Journal of Molecular Sciences</i> , 2015, 16, 6932-6944.	4.5	46
135	Full-course inhibition of biodegradation-induced inflammation in fibrous scaffold by loading enzyme-sensitive prodrug. <i>Biomaterials</i> , 2015, 53, 202-210.	12.3	39
136	Nerve Guidance Conduits from Aligned Nanofibers: Improvement of Nerve Regeneration through Longitudinal Nanogrooves on a Fiber Surface. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 7189-7196.	8.0	150
137	The Role of an Aligned Nanofiber Conduit in the Management of Painful Neuromas in Rat Sciatic Nerves. <i>Annals of Plastic Surgery</i> , 2015, 74, 454-461.	1.2	21
138	Macrophages derived from THP-1 promote the osteogenic differentiation of mesenchymal stem cells through the IL-23/IL-23R/ $\beta$ -catenin pathway. <i>Experimental Cell Research</i> , 2015, 339, 81-89.	3.2	31
139	Preparation and Antibacterial Activities of Porous Silver-doped $\beta$ -tricalcium Phosphate Bioceramics. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, 294-299.	2.2	16
140	The efficacy of celecoxib in preventing heterotopic ossification recurrence after open arthrolysis for post-traumatic elbow stiffness in adults. <i>Journal of Shoulder and Elbow Surgery</i> , 2015, 24, 1735-1740.	2.4	59
141	Complications of Open Elbow Arthrolysis in Post-Traumatic Elbow Stiffness: A Systematic Review. <i>PLoS ONE</i> , 2015, 10, e0138547.	2.4	57
142	Mechanisms of Nerve Capping Technique in Prevention of Painful Neuroma Formation. <i>PLoS ONE</i> , 2014, 9, e93973.	2.4	46
143	Silver Nanoparticles/Ibuprofen-Loaded Poly(L-lactide) Fibrous Membrane: Anti-Infection and Anti-Adhesion Effects. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14014-14025.	4.5	35
144	Intrawound application of vancomycin reduces wound infection after open release of post-traumatic stiff elbows: a retrospective comparative study. <i>Journal of Shoulder and Elbow Surgery</i> , 2014, 23, 686-692.	2.4	53

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