

Cunyi Fan

List of Publications by Year in descending order

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169
papers

6,021
citations

61945

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66
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175
all docs

175
docs citations

175
times ranked

6533
citing authors

#	ARTICLE	IF	CITATIONS
1	Superabsorbent 3D Scaffold Based on Electrospun Nanofibers for Cartilage Tissue Engineering. ACS Applied Materials & Interfaces, 2016, 8, 24415-24425.	4.0	246
2	In vitro and in vivo studies of electroactive reduced graphene oxide-modified nanofiber scaffolds for peripheral nerve regeneration. Acta Biomaterialia, 2019, 84, 98-113.	4.1	174
3	Potential Value of miR-221/222 as Diagnostic, Prognostic, and Therapeutic Biomarkers for Diseases. Frontiers in Immunology, 2017, 8, 56.	2.2	146
4	Tendon healing and anti-adhesion properties of electrospun fibrous membranes containing bFGF loaded nanoparticles. Biomaterials, 2013, 34, 4690-4701.	5.7	139
5	3D Fabrication with Integration Molding of a Graphene Oxide/Polycaprolactone Nanoscaffold for Neurite Regeneration and Angiogenesis. Advanced Science, 2018, 5, 1700499.	5.6	136
6	Anti-bacterial and cytotoxic properties of plasma sprayed silver-containing HA coatings. Journal of Materials Science: Materials in Medicine, 2008, 19, 3603-3609.	1.7	135
7	Inhibition of overactive TGF- β^2 attenuates progression of heterotopic ossification in mice. Nature Communications, 2018, 9, 551.	5.8	125
8	Long-term drug release from electrospun fibers for in vivo inflammation prevention in the prevention of peritendinous adhesions. Acta Biomaterialia, 2013, 9, 7381-7388.	4.1	122
9	Nerve Guidance Conduits from Aligned Nanofibers: Improvement of Nerve Regeneration through Longitudinal Nanogrooves on a Fiber Surface. ACS Applied Materials & Interfaces, 2015, 7, 7189-7196.	4.0	118
10	Platelet-Rich Plasma Derived Growth Factors Contribute to Stem Cell Differentiation in Musculoskeletal Regeneration. Frontiers in Chemistry, 2017, 5, 89.	1.8	109
11	Prevention of Peritendinous Adhesions with Electrospun Ibuprofen-Loaded Poly(L-Lactic Acid) Tendon Grafts. Journal of Biomedical Materials Research Part B: Applied Biomaterials, 2016, 106, 106-116.	1.6	106
12	Bioinspired Multichannel Nerve Guidance Conduit Based on Shape Memory Nanofibers for Potential Application in Peripheral Nerve Repair. ACS Nano, 2020, 14, 12579-12595.	7.3	96
13	Optimization of intrinsic and extrinsic tendon healing through controllable water-soluble mitomycin-C release from electrospun fibers by mediating adhesion-related gene expression. Biomaterials, 2015, 61, 61-74.	5.7	95
14	Concentrically Integrative Bioassembly of a Three-Dimensional Black Phosphorus Nanoscaffold for Restoring Neurogenesis, Angiogenesis, and Immune Homeostasis. Nano Letters, 2019, 19, 8990-9001.	4.5	95
15	Self-Healing Hydrogel Embodied with Macrophage Regulation and Responsive Gene Silencing Properties for Synergistic Prevention of Peritendinous Adhesion. Advanced Materials, 2022, 34, e2106564.	11.1	95
16	Down-regulating ERK1/2 and SMAD2/3 phosphorylation by physical barrier of celecoxib-loaded electrospun fibrous membranes prevents tendon adhesions. Biomaterials, 2014, 35, 9920-9929.	5.7	94
17	Macrophage-Derived miRNA-Containing Exosomes Induce Peritendinous Fibrosis after Tendon Injury through the miR-21-5p/Smad7 Pathway. Molecular Therapy - Nucleic Acids, 2019, 14, 114-130.	2.3	87
18	Functional nanomaterials in peripheral nerve regeneration: Scaffold design, chemical principles and microenvironmental remodeling. Materials Today, 2021, 51, 165-187.	8.3	87

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19	Biomimetic Sheath Membrane via Electrospinning for Antiadhesion of Repaired Tendon. <i>Biomacromolecules</i> , 2012, 13, 3611-3619.	2.6	83
20	Polymerizing Pyrrole Coated Poly (l-lactic acid-co- μ -caprolactone) (PLCL) Conductive Nanofibrous Conduit Combined with Electric Stimulation for Long-Range Peripheral Nerve Regeneration. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 117.	1.4	83
21	Advances in Roles of miR-132 in the Nervous System. <i>Frontiers in Pharmacology</i> , 2017, 8, 770.	1.6	83
22	RelA/p65 inhibition prevents tendon adhesion by modulating inflammation, cell proliferation, and apoptosis. <i>Cell Death and Disease</i> , 2017, 8, e2710-e2710.	2.7	79
23	Mesenchymal stem cells promote osteosarcoma cell survival and drug resistance through activation of STAT3. <i>Oncotarget</i> , 2016, 7, 48296-48308.	0.8	77
24	3D melatonin nerve scaffold reduces oxidative stress and inflammation and increases autophagy in peripheral nerve regeneration. <i>Journal of Pineal Research</i> , 2018, 65, e12516.	3.4	70
25	Mechano-Informed Biomimetic Polymer Scaffolds by Incorporating Self-Powered Zinc Oxide Nanogenerators Enhance Motor Recovery and Neural Function. <i>Small</i> , 2020, 16, e2000796.	5.2	70
26	Cell Infiltration and Vascularization in Porous Nanoyarn Scaffolds Prepared by Dynamic Liquid Electrospinning. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 603-614.	0.5	66
27	Micro-Nanometer Rough Structure of a Superhydrophobic Biodegradable Coating by Electrospaying for Initial Anti-Bioadhesion. <i>Advanced Healthcare Materials</i> , 2013, 2, 1314-1321.	3.9	63
28	Antibacterial and anti-adhesion effects of the silver nanoparticles-loaded poly(l-lactide) fibrous membrane. <i>Materials Science and Engineering C</i> , 2013, 33, 1176-1182.	3.8	62
29	3D Manufacture of Gold Nanocomposite Channels Facilitates Neural Differentiation and Regeneration. <i>Advanced Functional Materials</i> , 2018, 28, 1707077.	7.8	61
30	Electrospun nanoyarn scaffold and its application in tissue engineering. <i>Materials Letters</i> , 2012, 89, 146-149.	1.3	57
31	Boron nitride nanosheets functionalized channel scaffold favors microenvironment rebalance cocktail therapy for piezocatalytic neuronal repair. <i>Nano Energy</i> , 2021, 83, 105779.	8.2	56
32	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.	4.8	55
33	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.	2.6	54
34	Fabrication of Seamless Electrospun Collagen/PLGA Conduits Whose Walls Comprise Highly Longitudinal Aligned Nanofibers for Nerve Regeneration. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 931-943.	0.5	50
35	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.	1.2	50
36	<p></p>Overexpression of SOX9 alleviates the progression of human osteoarthritis in vitro and in vivo<p></p>. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 2833-2842.	2.0	50

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37	Advances in electrical and magnetic stimulation on nerve regeneration. <i>Regenerative Medicine</i> , 2019, 14, 969-979.	0.8	50
38	Biomimetic and hierarchical nerve conduits from multifunctional nanofibers for guided peripheral nerve regeneration. <i>Acta Biomaterialia</i> , 2020, 117, 180-191.	4.1	50
39	Effects and relationship of ERK1 and ERK2 in interleukin-1 β -induced alterations in MMP3, MMP13, type II collagen and aggrecan expression in human chondrocytes. <i>International Journal of Molecular Medicine</i> , 2011, 27, 583-9.	1.8	49
40	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.	1.2	49
41	Preclinical assessment on neuronal regeneration in the injury-related microenvironment of graphene-based scaffolds. <i>Npj Regenerative Medicine</i> , 2021, 6, 31.	2.5	49
42	The linker region of Smad2 mediates TGF- β 2-dependent ERK2-induced collagen synthesis. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 289-293.	1.0	48
43	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.	3.8	46
44	Osteochondral regeneration using an oriented nanofiber yarn β collagen type I/hyaluronate hybrid/TCP biphasic scaffold. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 581-592.	2.1	45
45	MicroRNA engineered umbilical cord stem cell-derived exosomes direct tendon regeneration by mTOR signaling. <i>Journal of Nanobiotechnology</i> , 2021, 19, 169.	4.2	44
46	Mechanisms of Nerve Capping Technique in Prevention of Painful Neuroma Formation. <i>PLoS ONE</i> , 2014, 9, e93973.	1.1	43
47	(β) β Epigallocatechin gallate β loaded polycaprolactone scaffolds fabricated using a 3D integrated moulding method alleviate immune stress and induce neurogenesis. <i>Cell Proliferation</i> , 2020, 53, e12730.	2.4	43
48	Polymeric Guide Conduits for Peripheral Nerve Tissue Engineering. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 582646.	2.0	43
49	Asymmetrical 3D Nanoceria Channel for Severe Neurological Defect Regeneration. <i>IScience</i> , 2019, 12, 216-231.	1.9	41
50	Complications of Open Elbow Arthrolysis in Post-Traumatic Elbow Stiffness: A Systematic Review. <i>PLoS ONE</i> , 2015, 10, e0138547.	1.1	41
51	The management of degloving injury of lower extremities. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 604-610.	1.1	40
52	Chondroitin sulfate modified 3D porous electrospun nanofiber scaffolds promote cartilage regeneration. <i>Materials Science and Engineering C</i> , 2021, 118, 111312.	3.8	40
53	The effect of calcium silicate on <i>in vitro</i> physiochemical properties and <i>in vivo</i> osteogenesis, degradability and bioactivity of porous β -tricalcium phosphate bioceramics. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 025008.	1.7	39
54	MiR-630 Inhibits Endothelial-Mesenchymal Transition by Targeting Slug in Traumatic Heterotopic Ossification. <i>Scientific Reports</i> , 2016, 6, 22729.	1.6	39

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55	Multilayered spraying and gradient dotting of nanodiamondâ€“polycaprolactone guidance channels for restoration of immune homeostasis. <i>NPG Asia Materials</i> , 2019, 11, .	3.8	39
56	Gene Silencing via PDA/ERK2â€“siRNAâ€“Mediated Electrospun Fibers for Peritendinous Antiadhesion. <i>Advanced Science</i> , 2019, 6, 1801217.	5.6	39
57	Biomimetic multilayer polycaprolactone/sodium alginate hydrogel scaffolds loaded with melatonin facilitate tendon regeneration. <i>Carbohydrate Polymers</i> , 2022, 277, 118865.	5.1	38
58	Electroactive nanomaterials in the peripheral nerve regeneration. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6958-6972.	2.9	37
59	Aberrant TGF-Î² activation in bone tendon insertion induces enthesopathy-like disease. <i>Journal of Clinical Investigation</i> , 2018, 128, 846-860.	3.9	36
60	The Expression of Î±-SMA in the Painful Traumatic Neuroma: Potential Role in the Pathobiology of Neuropathic Pain. <i>Journal of Neurotrauma</i> , 2012, 29, 2791-2797.	1.7	35
61	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.	3.8	35
62	Rapamycin Protects Against Peritendinous Fibrosis Through Activation of Autophagy. <i>Frontiers in Pharmacology</i> , 2018, 9, 402.	1.6	35
63	Multi-Layer Electrospun Membrane Mimicking Tendon Sheath for Prevention of Tendon Adhesions. <i>International Journal of Molecular Sciences</i> , 2015, 16, 6932-6944.	1.8	34
64	Full-course inhibition of biodegradation-induced inflammation in fibrous scaffold by loading enzyme-sensitive prodrug. <i>Biomaterials</i> , 2015, 53, 202-210.	5.7	34
65	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.	1.8	33
66	Macrophage infiltration of electrospun polyester fibers. <i>Biomaterials Science</i> , 2017, 5, 1579-1587.	2.6	32
67	<p>MicroRNA-21-3p Engineered Umbilical Cord Stem Cell-Derived Exosomes Inhibit Tendon Adhesion</p>. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 303-316.	1.6	32
68	Macrophage Polarization Modulated by NF-Î±B in Polylactide Membranesâ€“Treated Peritendinous Adhesion. <i>Small</i> , 2022, 18, e2104112.	5.2	31
69	miR-203 inhibits the traumatic heterotopic ossification by targeting Runx2. <i>Cell Death and Disease</i> , 2016, 7, e2436-e2436.	2.7	30
70	MMPâ€“2 Responsive Unidirectional Hydrogelâ€“Electrospun Patch Loading TGFâ€“Î²1 siRNA Polyplexes for Peritendinous Antiâ€“Adhesion. <i>Advanced Functional Materials</i> , 2021, 31, 2008364.	7.8	30
71	Functional reconstruction of traumatic loss of flexors in forearm with gastrocnemius myocutaneous flap transfer. <i>Microsurgery</i> , 2008, 28, 71-75.	0.6	29
72	Metformin prevents peritendinous fibrosis by inhibiting transforming growth factor-Î² signaling. <i>Oncotarget</i> , 2017, 8, 101784-101794.	0.8	27

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73	Efficient inhibition of fibroblast proliferation and collagen expression by ERK2 siRNAs. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 259-263.	1.0	26
74	Reconstruction of Large Dorsal Digital Defects With Arterialized Venous Flaps. <i>Annals of Plastic Surgery</i> , 2013, 70, 666-671.	0.5	26
75	A comparative study of finger pulp reconstruction using arterialised venous sensate flap and insensate flap from forearm. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012, 65, 1220-1226.	0.5	25
76	Tenogenic adipose-derived stem cell sheets with nanoyarn scaffolds for tendon regeneration. <i>Materials Science and Engineering C</i> , 2021, 119, 111506.	3.8	25
77	In vitro antibacterial and osteogenic properties of plasma sprayed silver-containing hydroxyapatite coating. <i>Science Bulletin</i> , 2009, 54, 4438-4445.	4.3	24
78	Prevention of Tendon Adhesions by ERK2 Small Interfering RNAs. <i>International Journal of Molecular Sciences</i> , 2013, 14, 4361-4371.	1.8	24
79	Lentivirus-Mediated ERK2 siRNA Reduces Joint Capsule Fibrosis in a Rat Model of Post-Traumatic Joint Contracture. <i>International Journal of Molecular Sciences</i> , 2013, 14, 20833-20844.	1.8	24
80	Beeswax-inspired superhydrophobic electrospun membranes for peritendinous anti-adhesion. <i>Materials Science and Engineering C</i> , 2020, 116, 111166.	3.8	24
81	Quercetin Attenuates Trauma-Induced Heterotopic Ossification by Tuning Immune Cell Infiltration and Related Inflammatory Insult. <i>Frontiers in Immunology</i> , 2021, 12, 649285.	2.2	24
82	Prevention of Intra-Abdominal Adhesion by Bi-Layer Electrospun Membrane. <i>International Journal of Molecular Sciences</i> , 2013, 14, 11861-11870.	1.8	23
83	Macrophages derived from THP-1 promote the osteogenic differentiation of mesenchymal stem cells through the IL-23/IL-23R/β-catenin pathway. <i>Experimental Cell Research</i> , 2015, 339, 81-89.	1.2	23
84	Biodegradable Hollow-Structured Nanozymes Modulate Phenotypic Polarization of Macrophages and Relieve Hypoxia for Treatment of Osteoarthritis. <i>Small</i> , 2022, 18, .	5.2	23
85	Antibacterial antiadhesion membranes from silver-nanoparticle-doped electrospun poly(L-lactide) nanofibers. <i>Journal of Applied Polymer Science</i> , 2013, 129, 3459-3465.	1.3	22
86	Highly flexible and rapidly degradable papaverine-loaded electrospun fibrous membranes for preventing vasospasm and repairing vascular tissue. <i>Acta Biomaterialia</i> , 2014, 10, 3018-3028.	4.1	22
87	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.	0.7	22
88	Effect of celecoxib on proliferation, collagen expression, ERK1/2 and SMAD2/3 phosphorylation in NIH/3T3 fibroblasts. <i>European Journal of Pharmacology</i> , 2012, 678, 1-5.	1.7	21
89	Insights into medical humanities education in China and the West. <i>Journal of International Medical Research</i> , 2018, 46, 3507-3517.	0.4	21
90	Management of Degloving Injuries of the Foot with a Defatted Full-Thickness Skin Graft. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 1675-1681.	1.4	20

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91	Spectral analysis of blood perfusion in the free latissimus dorsi myocutaneous flap and in normal skin. <i>Physics in Medicine and Biology</i> , 2006, 51, 173-183.	1.6	19
92	Efficient inhibition of the formation of joint adhesions by ERK2 small interfering RNAs. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 795-799.	1.0	19
93	Efficient and Non-Toxic Biological Response Carrier Delivering TNF- α shRNA for Gene Silencing in a Murine Model of Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2016, 7, 305.	2.2	19
94	Stable Acid-Responsive Electrospun Biodegradable Fibers as Drug Carriers and Cell Scaffolds. <i>Macromolecular Bioscience</i> , 2013, 13, 885-892.	2.1	18
95	The timing of open surgical release of post-traumatic elbow stiffness. <i>Medicine (United States)</i> , 2017, 96, e9121.	0.4	18
96	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, 500.	2.4	18
97	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.	3.8	18
98	Hinged External Fixator and Open Surgery for Severe Elbow Stiffness With Distal Humeral Nonunion. <i>Orthopedics</i> , 2013, 36, e186-92.	0.5	18
99	Digital Pulp Reconstruction with Free Neurovascular Toe Flaps. <i>Aesthetic Plastic Surgery</i> , 2012, 36, 1186-1193.	0.5	17
100	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.	0.5	17
101	Analysis of isoform specific ERK signaling on the effects of interleukin-1 β on COX-2 expression and PGE2 production in human chondrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 23-29.	1.0	16
102	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, rbab032.	1.9	16
103	Biomimicry in 3D printing design: implications for peripheral nerve regeneration. <i>Regenerative Medicine</i> , 2021, 16, 683-701.	0.8	16
104	Finger pulp reconstruction with free flaps from the upper extremity. <i>Microsurgery</i> , 2012, 32, 406-414.	0.6	15
105	Celecoxib effectively inhibits the formation of joint adhesions. <i>Experimental and Therapeutic Medicine</i> , 2013, 6, 1507-1511.	0.8	15
106	Clinical assessment of calcium phosphate cement to treat tibial plateau fractures. <i>Journal of Biomaterials Applications</i> , 2013, 28, 199-206.	1.2	15
107	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.	1.2	15
108	Risk factors for development of severe post-traumatic elbow stiffness. <i>International Orthopaedics</i> , 2018, 42, 595-600.	0.9	15

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109	Interaction of ERK1/2 and Smad2/3 signaling pathways in TGF- β 1-induced TIMP-3 expression in rat chondrocytes. Archives of Biochemistry and Biophysics, 2014, 564, 229-236.	1.4	14
110	Preparation and Antibacterial Activities of Porous Silver-Embedded β -Tricalcium Phosphate Bioceramics. International Journal of Applied Ceramic Technology, 2015, 12, 294-299.	1.1	14
111	Effect of pERK2 on extracellular matrix turnover of the fibrotic joint capsule in a post-traumatic joint contracture model. Experimental and Therapeutic Medicine, 2016, 11, 547-552.	0.8	14
112	Cartilage oligomeric matrix protein improves in vivo cartilage regeneration and compression modulus by enhancing matrix assembly and synthesis. Colloids and Surfaces B: Biointerfaces, 2017, 159, 518-526.	2.5	14
113	What constitutes a clinically important change in Mayo Elbow Performance Index and range of movement after open elbow arthrolysis?. Bone and Joint Journal, 2021, 103-B, 366-372.	1.9	14
114	Pharmacological activation of SIRT1 by metformin prevented trauma-induced heterotopic ossification through inhibiting macrophage mediated inflammation. European Journal of Pharmacology, 2021, 909, 174386.	1.7	14
115	Results and outcome predictors after open release of complete ankylosis of the elbow caused by heterotopic ossification. International Orthopaedics, 2017, 41, 1627-1632.	0.9	13
116	Effect of enhanced recovery after surgery (ERAS) pathway on the postoperative outcomes of elbow arthrolysis: A randomized controlled trial. International Journal of Surgery, 2019, 68, 78-84.	1.1	13
117	Dynamic evaluation of cervical disc herniation using kinetic MRI. Journal of Clinical Neuroscience, 2011, 18, 232-236.	0.8	12
118	Open Release and a Hinged External Fixator for the Treatment of Elbow Stiffness in Young Patients. Orthopedics, 2012, 35, e1365-70.	0.5	12
119	The use of SHP-2 gene transduced bone marrow mesenchymal stem cells to promote osteogenic differentiation and bone defect repair in rat. Journal of Biomedical Materials Research - Part A, 2016, 104, 1871-1881.	2.1	12
120	Hydroxycamptothecin Inhibits Peritendinous Adhesion via the Endoplasmic Reticulum Stress-Dependent Apoptosis. Frontiers in Pharmacology, 2019, 10, 967.	1.6	12
121	Integrated analysis of long non-coding RNAs and mRNAs associated with peritendinous fibrosis. Journal of Advanced Research, 2019, 15, 49-58.	4.4	12
122	Biological and biocompatible characteristics of fullerenols nanomaterials for tissue engineering. Histology and Histopathology, 2021, 36, 725-731.	0.5	12
123	The Effect of Hemodynamic Remodeling on the Survival of Arterialized Venous Flaps. PLoS ONE, 2013, 8, e79608.	1.1	11
124	Inhibition of connexin 43 prevents trauma-induced heterotopic ossification. Scientific Reports, 2016, 6, 37184.	1.6	11
125	Team Approach: Elbow Contracture Due to Heterotopic Ossification. JBJS Reviews, 2017, 5, .	0.8	11
126	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.	1.3	11

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127	Promoting coagulation and activating SMAD3 phosphorylation in wound healing via a dual-release thrombin-hydrogel. <i>Chemical Engineering Journal</i> , 2020, 397, 125414.	6.6	11
128	Two-Dimensional Nanomaterials for Peripheral Nerve Engineering: Recent Advances and Potential Mechanisms. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 746074.	2.0	11
129	Magnetically Actuated Reactive Oxygen Species Scavenging Nano-Robots for Targeted Treatment. <i>Advanced Intelligent Systems</i> , 2022, 4, .	3.3	11
130	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.	0.8	10
131	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.	1.2	10
132	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.	1.2	10
133	Open elbow arthrolysis for post-traumatic elbow stiffness. <i>Bone & Joint Open</i> , 2020, 1, 576-584.	1.1	10
134	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, 604056.	1.2	10
135	Smart electrospun fibrous scaffolds inhibit tumor cells and promote normal cell proliferation. <i>RSC Advances</i> , 2014, 4, 51696-51702.	1.7	9
136	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.	1.2	9
137	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.	1.2	9
138	Distally Based Extended Peroneal Artery Septocutaneous Perforator Cross-Bridge Flap without Microvascular Anastomoses for Reconstruction of Contralateral Leg and Foot Soft Tissue Defects. <i>Journal of Reconstructive Microsurgery</i> , 2010, 26, 243-249.	1.0	8
139	Hydroxycamptothecin Prevents Fibrotic Pathways in Fibroblasts In Vitro. <i>IUBMB Life</i> , 2019, 71, 653-662.	1.5	8
140	Determining the effective timing of an open arthrolysis for post-traumatic elbow stiffness: a retrospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 122.	0.8	8
141	Inhibition of IL-17 prevents the progression of traumatic heterotopic ossification. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7709-7719.	1.6	8
142	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.	1.2	8
143	A smart ROS/NIR dual-responsive melanin delivery platform for photoacoustic imaging-guided osteoarthritis therapy. <i>Applied Materials Today</i> , 2021, 25, 101216.	2.3	8
144	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, 799151.	1.8	8

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145	Celecoxib suppresses fibroblast proliferation and collagen expression by inhibiting ERK1/2 and SMAD2/3 phosphorylation. <i>Molecular Medicine Reports</i> , 2011, 5, 827-31.	1.1	7
146	Parathyroid Hormone-Loaded Microneedle Promotes Tendon Healing Through Activation of mTOR. <i>Advanced Therapeutics</i> , 2020, 3, 2000025.	1.6	7
147	Using the Contralateral Reverse Less Invasive Plating System for Subtrochanteric Femur Fractures in Elderly Patients. <i>Medical Principles and Practice</i> , 2012, 21, 334-339.	1.1	6
148	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.	0.4	6
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