

Kang-Lai Tang

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,196
citations

361413

20
h-index

434195

31
g-index

76
all docs

76
docs citations

76
times ranked

1362
citing authors

#	ARTICLE	IF	CITATIONS
1	Histologic and biomechanical evaluation of the thoracolumbar fascia graft for massive rotator cuff tears in a rat model. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, 31, 699-710.	2.6	5
2	Single-Cell Profiling of Tumor Microenvironment Heterogeneity in Osteosarcoma Identifies a Highly Invasive Subcluster for Predicting Prognosis. <i>Frontiers in Oncology</i> , 2022, 12, 732862.	2.8	11
3	Effect of Pore Size of Porous-Structured Titanium Implants on Tendon Ingrowth. <i>Applied Bionics and Biomechanics</i> , 2022, 2022, 1-11.	1.1	1
4	Single-Atom Iron Anchored on 2-D Graphene Carbon to Realize Bridge-Adsorption of O ₂ as Biomimetic Enzyme for Remarkably Sensitive Electrochemical Detection of H ₂ O ₂ . <i>Analytical Chemistry</i> , 2022, 94, 14109-14117.	6.5	22
5	Metal-organic framework-derived yolk-shell hollow Ni/NiO@C microspheres for bifunctional non-enzymatic glucose and hydrogen peroxide biosensors. <i>Journal of Materials Science</i> , 2021, 56, 442-456.	3.7	36
6	Structural Engineering of Hollow Microflower-like CuS@C Hybrids as Versatile Electrochemical Sensing Platform for Highly Sensitive Hydrogen Peroxide and Hydrazine Detection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 40942-40952.	8.0	31
7	Advancement in Arthroscopic Superior Capsular Reconstruction for Irreparable Massive Rotator Cuff Tear. <i>Orthopaedic Surgery</i> , 2021, 13, 1951-1959.	1.8	10
8	Adipogenic differentiation was inhibited by downregulation of PPAR γ signaling pathway in aging tendon stem/progenitor cells. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 614.	2.3	7
9	MiR-6924-5p-rich exosomes derived from genetically modified Scleraxis-overexpressing PDGFR β (+) BMMSCs as novel nanotherapeutics for treating osteolysis during tendon-bone healing and improving healing strength. <i>Biomaterials</i> , 2021, 279, 121242.	11.4	31
10	Effects of aging on the histology and biochemistry of rat tendon healing. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 949.	1.9	3
11	Comprehensive Analysis of the Effects of Genetic Ancestry and Genetic Characteristics on the Clinical Evolution of Oral Squamous Cell Carcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 678464.	3.7	0
12	Aspirin promotes tenogenic differentiation of tendon stem cells and facilitates tendinopathy healing through regulating the GDF7/Smad1/5 signaling pathway. <i>Journal of Cellular Physiology</i> , 2020, 235, 4778-4789.	4.1	21
13	Bionic Silk Fibroin Film Promotes Tenogenic Differentiation of Tendon Stem/Progenitor Cells by Activating Focal Adhesion Kinase. <i>Stem Cells International</i> , 2020, 2020, 1-10.	2.5	6
14	The absence of oestrogen receptor beta disturbs collagen I type deposition during Achilles tendon healing by regulating the IRF5 β -CL3 axis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9925-9935.	3.6	7
15	A controllable synthesis of hollow pumpkin-like CuO/Cu ₂ O composites for ultrasensitive non-enzymatic glucose and hydrogen peroxide biosensors. <i>New Journal of Chemistry</i> , 2020, 44, 20411-20418.	2.8	11
16	Conjoint analysis of lncRNA and mRNA expression in rotator cuff tendinopathy. <i>Annals of Translational Medicine</i> , 2020, 8, 335-335.	1.7	13
17	Comparison of dorsal closing wedge calcaneal osteotomy versus posterosuperior prominence resection for the treatment of Haglund syndrome. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 168.	2.3	18
18	Porous Molybdenum Carbide Nanostructured Catalyst toward Highly Sensitive Biomimetic Sensing of H ₂ O ₂ . <i>Electroanalysis</i> , 2020, 32, 1243-1250.	2.9	21

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19	Downregulation of type I collagen expression in the Achilles tendon by dexamethasone: a controlled laboratory study. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 70.	2.3	9
20	Molecular functions of FSTL1 in the osteoarthritis. <i>International Immunopharmacology</i> , 2020, 83, 106465.	3.8	24
21	Exosomes Derived from Bone Marrow Stromal Cells (BMSCs) Enhance Tendon-Bone Healing by Regulating Macrophage Polarization. <i>Medical Science Monitor</i> , 2020, 26, e923328.	1.1	70
22	Bionic Silk Fibroin Film Induces Morphological Changes and Differentiation of Tendon Stem/Progenitor Cells. <i>Applied Bionics and Biomechanics</i> , 2020, 2020, 1-10.	1.1	10
23	Aspirin inhibits adipogenesis of tendon stem cells and lipids accumulation in rat injury tendon through regulating PTEN/PI3K/AKT signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 7535-7544.	3.6	27
24	Rising Mesopores to Realize Direct Electrochemistry of Glucose Oxidase toward Highly Sensitive Detection of Glucose. <i>Advanced Functional Materials</i> , 2019, 29, 1903026.	14.9	71
25	Absence of estrogen receptor beta leads to abnormal adipogenesis during early tendon healing by an up-regulation of PPAR β signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 7406-7416.	3.6	18
26	Analysis of the stress distribution of the subtalar joint and fusion efficacy after double-screw insertion. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 20.	2.3	3
27	Aspirin inhibits inflammation and scar formation in the injury tendon healing through regulating JNK/STAT β signalling pathway. <i>Cell Proliferation</i> , 2019, 52, e12650.	5.3	93
28	Exosomes from tendon stem cells promote injury tendon healing through balancing synthesis and degradation of the tendon extracellular matrix. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5475-5485.	3.6	83
29	Surgical procedures for treatment of adult acquired flatfoot deformity: a network meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 62.	2.3	23
30	High Concentration of Aspirin Induces Apoptosis in Rat Tendon Stem Cells via Inhibition of the Wnt/ β -Catenin Pathway. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 2046-2059.	1.6	22
31	Clavicular non-union treated with fixation using locking compression plate without bone graft. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 317.	2.3	16
32	High-Energy Transsyndesmotom Ankle Fracture Dislocation: A Case Report and Systematic Literature Review. <i>Case Reports in Orthopedics</i> , 2018, 2018, 1-8.	0.3	2
33	A Chip for Detecting Tuberculosis Drug Resistance Based on Polymerase Chain Reaction (PCR)-Magnetic Bead Molecule Platform. <i>Frontiers in Microbiology</i> , 2018, 9, 2106.	3.5	3
34	Initial stability and stress distribution of ankle arthroscopic arthrodesis with three kinds of 2-screw configuration fixation: a finite element analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 263.	2.3	7
35	Bioinspired Synergy Sensor Chip of Photonic Crystals-Graphene Oxide for Multiamines Recognition. <i>Analytical Chemistry</i> , 2018, 90, 6371-6375.	6.5	19
36	Porous Structure Design Using Parameterized Hexahedral Meshes and Triply Periodic Minimal Surfaces. , 2018, , .		3

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37	Interleukin-15 facilitates muscle regeneration through modulation of fibro/adipogenic progenitors. <i>Cell Communication and Signaling</i> , 2018, 16, 42.	6.5	56
38	Downregulation of CITED2 contributes to TGF β ² -mediated senescence of tendon-derived stem cells. <i>Cell and Tissue Research</i> , 2017, 368, 93-104.	2.9	22
39	Isolated talonavicular arthrodesis and talonavicular-cuneiform arthrodesis for the M \ddot{A} ller-Weiss disease. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 83.	2.3	19
40	Individual headless compression screws fixed with three-dimensional image processing technology improves fusion rates of isolated talonavicular arthrodesis. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 17.	2.3	8
41	Subscapular Bursa. <i>Chinese Medical Journal</i> , 2017, 130, 1739-1740.	2.3	2
42	Individualized coracoid osteotomy and 3D congruent arc reconstruction of glenoid for the treatment of recurrent anterior shoulder dislocation. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 193.	2.3	5
43	Effect of Tendon Stem Cells in Chitosan/ β -Glycerophosphate/Collagen Hydrogel on Achilles Tendon Healing in a Rat Model. <i>Medical Science Monitor</i> , 2017, 23, 4633-4643.	1.1	30
44	Tibiototalcaneal arthrodesis with headless compression screws. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 91.	2.3	18
45	Mechanism of osteogenic and adipogenic differentiation of tendon stem cells induced by sirtuin 1. <i>Molecular Medicine Reports</i> , 2016, 14, 1643-1648.	2.4	18
46	Effects on Subtalar Joint Stress Distribution After Cannulated Screw Insertion at Different Positions and Directions. <i>Journal of Foot and Ankle Surgery</i> , 2015, 54, 920-926.	1.0	3
47	Uniaxial repetitive mechanical overloading induces influx of extracellular calcium and cytoskeleton disruption in human tenocytes. <i>Cell and Tissue Research</i> , 2015, 359, 577-587.	2.9	18
48	Dexamethasone inhibits the differentiation of rat tendon stem cells into tenocytes by targeting the scleraxis gene. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 152, 16-24.	2.5	36
49	Intermediate Results of Large Cystic Medial Osteochondral Lesions of the Talus Treated With Osteoperiosteal Cylinder Autografts From the Medial Tibia. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015, 31, 1557-1564.	2.7	26
50	A Synergistic Therapeutic Scheme for Hyperglycemia and Nephrotic Disorders in Diabetes. <i>Theranostics</i> , 2014, 4, 556-564.	10.0	3
51	A prospective study of midfoot osteotomy combined with adjacent joint sparing internal fixation in treatment of rigid pes cavus deformity. <i>Journal of Orthopaedic Surgery and Research</i> , 2014, 9, 44.	2.3	18
52	Differential efficacy of subtalar fusion with three operative approaches. <i>Journal of Orthopaedic Surgery and Research</i> , 2014, 9, 115.	2.3	14
53	Medial Displacement Calcaneal Osteotomy with Posterior Tibial Tendon Reconstruction for the Flexible Flatfoot with Symptomatic Accessory Navicular. <i>Journal of Foot and Ankle Surgery</i> , 2014, 53, 539-543.	1.0	20
54	Insulin-Like Growth Factor-1 and Bone Morphogenetic Protein-2 Jointly Mediate Prostaglandin E ₂ -Induced Adipogenic Differentiation of Rat Tendon Stem Cells. <i>PLoS ONE</i> , 2014, 9, e85469.	2.5	18

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55	Peri-Navicular Arthrodesis for the Stage III M�ller-Weiss Disease. Foot and Ankle International, 2012, 33, 475-478.	2.3	30
56	Arthroscopically Assisted Percutaneous Repair of Fresh Closed Achilles Tendon Rupture by Kessler's Suture. American Journal of Sports Medicine, 2007, 35, 589-596.	4.2	44
57	Arthroscopically Assisted Ankle Fusion in Patients With End-Stage Tuberculosis. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2007, 23, 919-922.	2.7	23
58	Etiology, classification and clinical evaluation of partial-thickness tears of rotator cuff. Chinese Journal of Traumatology - English Edition, 2003, 6, 309-17.	1.4	1