

Tingting Tang

List of Publications by Year in descending order

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245
papers

12,783
citations

22153

59
h-index

36028

97
g-index

255
all docs

255
docs citations

255
times ranked

16256
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional Photocatalytic Filter Paper Based on Ultralong Nanowires of the Calcium-Alendronate Complex for High-Performance Water Purification. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 9464-9479.	8.0	7
2	Targeting ferroptosis suppresses osteocyte glucolipotoxicity and alleviates diabetic osteoporosis. <i>Bone Research</i> , 2022, 10, 26.	11.4	67
3	Multi-omics analysis based on 3D-bioprinted models innovates therapeutic target discovery of osteosarcoma. <i>Bioactive Materials</i> , 2022, 18, 459-470.	15.6	15
4	Immune-regulating strategy against rheumatoid arthritis by inducing tolerogenic dendritic cells with modified zinc peroxide nanoparticles. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	9.1	8
5	A 3D-bioprinted scaffold with doxycycline-controlled BMP2-expressing cells for inducing bone regeneration and inhibiting bacterial infection. <i>Bioactive Materials</i> , 2021, 6, 1318-1329.	15.6	42
6	A 3D printed Ga containing scaffold with both anti-infection and bone homeostasis-regulating properties for the treatment of infected bone defects. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4735-4745.	5.8	24
7	FOXP1 drives osteosarcoma development by repressing P21 and RB transcription downstream of P53. <i>Oncogene</i> , 2021, 40, 2785-2802.	5.9	22
8	Ubiquitination Flow Repressors: Enhancing Wound Healing of Infectious Diabetic Ulcers through Stabilization of Polyubiquitinated Hypoxia-inducible Factor by Theranostic Nitric Oxide Nanogenerators. <i>Advanced Materials</i> , 2021, 33, e2103593.	21.0	93
9	Dual-functional hybrid quaternized chitosan/Mg/alginate dressing with antibacterial and angiogenic potential for diabetic wound healing. <i>Journal of Orthopaedic Translation</i> , 2021, 30, 6-15.	3.9	20
10	Orbital floor repair using patient specific osteoinductive implant made by stereolithography. <i>Biomaterials</i> , 2020, 233, 119721.	11.4	39
11	A Supramolecular-Based Dual-Wavelength Phototherapeutic Agent with Broad-Spectrum Antimicrobial Activity Against Drug-Resistant Bacteria. <i>Angewandte Chemie</i> , 2020, 132, 3687-3693.	2.0	18
12	A Supramolecular-Based Dual-Wavelength Phototherapeutic Agent with Broad-Spectrum Antimicrobial Activity Against Drug-Resistant Bacteria. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3658-3664.	13.8	94
13	Modified ZIF-8 Nanoparticles Attenuate Osteoarthritis by Reprogramming the Metabolic Pathway of Synovial Macrophages. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2009-2022.	8.0	70
14	<p>Cerium Oxide Nanoparticles Regulate Osteoclast Differentiation Bidirectionally by Modulating the Cellular Production of Reactive Oxygen Species</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 6355-6372.	6.7	32
15	Bioprinting of an osteocyte network for biomimetic mineralization. <i>Biofabrication</i> , 2020, 12, 045013.	7.1	35
16	Proteoglycan 4 predicts tribological properties of repaired cartilage tissue. <i>Theranostics</i> , 2020, 10, 2538-2552.	10.0	4
17	Influences of niobium pentoxide on roughness, hydrophilicity, surface energy and protein absorption, and cellular responses to PEEK based composites for orthopedic applications. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2618-2626.	5.8	29
18	Incorporation of molybdenum disulfide into polyetheretherketone creating biocomposites with improved mechanical, tribological performances and cytocompatibility for artificial joints applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 189, 110819.	5.0	17

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19	Dual effects of acid etching on cell responses and mechanical properties of porous titanium with controllable open-porous structure. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 2386-2395.	3.4	8
20	Screen-enrich-combine circulating system to prepare MSC/ β -TCP for bone repair in fractures with depressed tibial plateau. <i>Regenerative Medicine</i> , 2019, 14, 555-569.	1.7	15
21	Enzyme-Instructed Peptide Assemblies Selectively Inhibit Bone Tumors. <i>CheM</i> , 2019, 5, 2442-2449.	11.7	118
22	Effects of a Coating of Nano Silicon Nitride on Porous Polyetheretherketone on Behaviors of MC3T3-E1 Cells in Vitro and Vascularization and Osteogenesis in Vivo. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6425-6435.	5.2	15
23	Osteogenic magnesium incorporated into PLGA/TCP porous scaffold by 3D printing for repairing challenging bone defect. <i>Biomaterials</i> , 2019, 197, 207-219.	11.4	348
24	Nerve modulation therapy in gouty arthritis: targeting increased sFRP2 expression in dorsal root ganglion regulates macrophage polarization and alleviates endothelial damage. <i>Theranostics</i> , 2019, 9, 3707-3722.	10.0	17
25	Targeting of CXCR1 on Osteosarcoma Circulating Tumor Cells and Precise Treatment via Cisplatin Nanodelivery. <i>Advanced Functional Materials</i> , 2019, 29, 1902246.	14.9	15
26	Curcumin Inhibits the PERK-eIF2 α -CHOP Pathway through Promoting SIRT1 Expression in Oxidative Stress-induced Rat Chondrocytes and Ameliorates Osteoarthritis Progression in a Rat Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-17.	4.0	95
27	Recent advances in cell sheet technology for bone and cartilage regeneration: from preparation to application. <i>International Journal of Oral Science</i> , 2019, 11, 17.	8.6	65
28	Isorhamnetin attenuates osteoarthritis by inhibiting osteoclastogenesis and protecting chondrocytes through modulating reactive oxygen species homeostasis. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4395-4407.	3.6	35
29	Kinsenoside attenuates osteoarthritis by repolarizing macrophages through inactivating NF- κ B/MAPK signaling and protecting chondrocytes. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 973-985.	12.0	176
30	Highly Effective Bone Fusion Induced by the Interbody Cage Made of Calcium Silicate/Polyetheretherketone in a Goat Model. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2409-2416.	5.2	10
31	Multivalent Glycosheets for Double Light-Driven Therapy of Multidrug-Resistant Bacteria on Wounds. <i>Advanced Functional Materials</i> , 2019, 29, 1806986.	14.9	55
32	Improved antibacterial properties of collagen I/hyaluronic acid/quaternized chitosan multilayer modified titanium coatings with both contact-killing and release-killing functions. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1951-1961.	5.8	54
33	Microporous Coatings of PEKK/SN Composites Integration with PEKK Exhibiting Antibacterial and Osteogenic Activity, and Promotion of Osseointegration for Bone Substitutes. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1290-1301.	5.2	12
34	Comparison and characterization of enriched mesenchymal stem cells obtained by the repeated filtration of autologous bone marrow through porous biomaterials. <i>Journal of Translational Medicine</i> , 2019, 17, 377.	4.4	8
35	Influences of tantalum pentoxide and surface coarsening on surface roughness, hydrophilicity, surface energy, protein adsorption and cell responses to PEEK based biocomposite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 207-215.	5.0	55
36	Dihydromyricetin Inhibits Inflammation of Fibroblast-Like Synoviocytes through Regulation of Nuclear Factor- κ B Signaling in Rats with Collagen-Induced Arthritis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 368, 218-228.	2.5	18

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37	Surface treatment strategies to combat implant-related infection from the beginning. <i>Journal of Orthopaedic Translation</i> , 2019, 17, 42-54.	3.9	93
38	Engineering 3D approaches to model the dynamic microenvironments of cancer bone metastasis. <i>Bone Research</i> , 2018, 6, 3.	11.4	71
39	Biodegradable macroporous scaffold with nano-crystal surface microstructure for highly effective osteogenesis and vascularization. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1658-1667.	5.8	24
40	Bacteria-Targeting Nanoparticles with Microenvironment-Responsive Antibiotic Release To Eliminate Intracellular <i>Staphylococcus aureus</i> and Associated Infection. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14299-14311.	8.0	160
41	Lithium doped silica nanospheres/poly(dopamine) composite coating on polyetheretherketone to stimulate cell responses, improve bone formation and osseointegration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 965-976.	3.3	23
42	Mg-based bone implants show promising osteoinductivity and controllable degradation: A long-term study in a goat femoral condyle fracture model. <i>Materials Science and Engineering C</i> , 2018, 86, 42-47.	7.3	38
43	Postoperative infection caused by <i>Acinetobacter baumannii</i> misdiagnosed as a free-living amoeba species in a humeral head hemiarthroplasty patient: a case report. <i>Infectious Diseases of Poverty</i> , 2018, 7, 33.	3.7	2
44	The impact of translational orthopaedic research: <i>Journal of Orthopaedic Translation</i> indexed in Science Citation Index Expanded. <i>Journal of Orthopaedic Translation</i> , 2018, 12, A1-A2.	3.9	2
45	Quantitative determination of residual 1,4-dioxane in three-dimensional printed bone scaffold. <i>Journal of Orthopaedic Translation</i> , 2018, 13, 58-67.	3.9	10
46	A lithium-containing nanoporous coating on entangled titanium scaffold can enhance osseointegration through Wnt/ β 2-catenin pathway. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 153-164.	3.3	37
47	Electrospun PLGA membrane incorporated with andrographolide-loaded mesoporous silica nanoparticles for sustained antibacterial wound dressing. <i>Nanomedicine</i> , 2018, 13, 2881-2899.	3.3	43
48	Targeting Anion Exchange of Osteoclast, a New Strategy for Preventing Wear Particles Induced-Osteolysis. <i>Frontiers in Pharmacology</i> , 2018, 9, 1291.	3.5	6
49	The Effects of Platelet-Derived Growth Factor-BB on Bone Marrow Stromal Cell-Mediated Vascularized Bone Regeneration. <i>Stem Cells International</i> , 2018, 2018, 1-16.	2.5	48
50	Preferential Colonization of Osteoblasts Over Co-cultured Bacteria on a Bifunctional Biomaterial Surface. <i>Frontiers in Microbiology</i> , 2018, 9, 2219.	3.5	24
51	Molecular pathogenesis of fracture nonunion. <i>Journal of Orthopaedic Translation</i> , 2018, 14, 45-56.	3.9	35
52	TIMP3 Overexpression Improves the Sensitivity of Osteosarcoma to Cisplatin by Reducing IL-6 Production. <i>Frontiers in Genetics</i> , 2018, 9, 135.	2.3	11
53	Mesenchymal stem cells and porous β -tricalcium phosphate composites prepared through stem cell screen-enrich-combine (SECC) biomaterials) circulating system for the repair of critical size bone defects in goat tibia. <i>Stem Cell Research and Therapy</i> , 2018, 9, 157.	5.5	28
54	Osteogenesis, vascularization and osseointegration of a bioactive multiphase macroporous scaffold in the treatment of large bone defects. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4197-4204.	5.8	14

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55	Dual-functional 3D-printed composite scaffold for inhibiting bacterial infection and promoting bone regeneration in infected bone defect models. <i>Acta Biomaterialia</i> , 2018, 79, 265-275.	8.3	134
56	CXCR1/Akt signaling activation induced by mesenchymal stem cell-derived IL-8 promotes osteosarcoma cell anoikis resistance and pulmonary metastasis. <i>Cell Death and Disease</i> , 2018, 9, 714.	6.3	58
57	Plumbagin Ameliorates Collagen-Induced Arthritis by Regulating Treg/Th17 Cell Imbalances and Suppressing Osteoclastogenesis. <i>Frontiers in Immunology</i> , 2018, 9, 3102.	4.8	13
58	YAP-mediated mechanotransduction regulates osteogenic and adipogenic differentiation of BMSCs on hierarchical structure. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 344-353.	5.0	59
59	Hierarchical macropore/nano surface regulates stem cell fate through a ROCK-related signaling pathway. <i>RSC Advances</i> , 2017, 7, 8521-8532.	3.6	7
60	A novel approach to fabrication of three-dimensional porous titanium with controllable structure. <i>Materials Science and Engineering C</i> , 2017, 71, 1046-1051.	7.3	22
61	Immunomodulation effect of a hierarchical macropore/nanosurface on osteogenesis and angiogenesis. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 045006.	3.3	29
62	Bacterial inhibition potential of quaternised chitosan-coated VICRYL absorbable suture: An in vitro and in vivo study. <i>Journal of Orthopaedic Translation</i> , 2017, 8, 49-61.	3.9	29
63	Immobilizing bacitracin on titanium for prophylaxis of infections and for improving osteoinductivity: An in vivo study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 183-191.	5.0	51
64	A novel cytotherapy device for rapid screening, enriching and combining mesenchymal stem cells into a biomaterial for promoting bone regeneration. <i>Scientific Reports</i> , 2017, 7, 15463.	3.3	13
65	Targeting Osteocytes to Attenuate Early Breast Cancer Bone Metastasis by Theranostic Upconversion Nanoparticles with Responsive Plumbagin Release. <i>ACS Nano</i> , 2017, 11, 7259-7273.	14.6	100
66	Failure Mechanism of a Stellite Coating on Heat-Resistant Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 4356-4364.	2.2	5
67	Covalent Immobilization of Enoxacin onto Titanium Implant Surfaces for Inhibiting Multiple Bacterial Species Infection and <i>In Vivo</i> Methicillin-Resistant <i>Staphylococcus aureus</i> Infection Prophylaxis. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	34
68	The Beneficial Effects of Bisphosphonate-enoxacin on Cortical Bone Mass and Strength in Ovariectomized Rats. <i>Frontiers in Pharmacology</i> , 2017, 8, 355.	3.5	13
69	Hydroxypropyltrimethyl Ammonium Chloride Chitosan Functionalized-PLGA Electrospun Fibrous Membranes as Antibacterial Wound Dressing: In Vitro and In Vivo Evaluation. <i>Polymers</i> , 2017, 9, 697.	4.5	38
70	Curcumin Inhibits Apoptosis of Chondrocytes through Activation ERK1/2 Signaling Pathways Induced Autophagy. <i>Nutrients</i> , 2017, 9, 414.	4.1	84
71	Macro-mesoporous composites containing PEEK and mesoporous diopside as bone implants: characterization, in vitro mineralization, cytocompatibility, and vascularization potential and osteogenesis in vivo. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8337-8352.	5.8	24
72	FOXP1 controls mesenchymal stem cell commitment and senescence during skeletal aging. <i>Journal of Clinical Investigation</i> , 2017, 127, 1241-1253.	8.2	128

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73	In vivo evaluation of the anti-infection potential of gentamicin-loaded nanotubes on titania implants. <i>International Journal of Nanomedicine</i> , 2016, 11, 2223.	6.7	31
74	Osseointegration of nanohydroxyapatite- or nano-calcium silicate-incorporated polyetheretherketone bioactive composites in vivo. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 6023-6033.	6.7	44
75	Inhibited Bacterial Adhesion and Biofilm Formation on Quaternized Chitosan-Loaded Titania Nanotubes with Various Diameters. <i>Materials</i> , 2016, 9, 155.	2.9	31
76	Mesenchymal stem cells promote osteosarcoma cell survival and drug resistance through activation of STAT3. <i>Oncotarget</i> , 2016, 7, 48296-48308.	1.8	77
77	Functional differences between AMPK $\hat{1}$ and $\hat{2}$ subunits in osteogenesis, osteoblast-associated induction of osteoclastogenesis, and adipogenesis. <i>Scientific Reports</i> , 2016, 6, 32771.	3.3	32
78	Tantalum implanted entangled porous titanium promotes surface osseointegration and bone ingrowth. <i>Scientific Reports</i> , 2016, 6, 26248.	3.3	47
79	Effect of simvastatin on osteogenesis of the lumbar vertebrae in ovariectomized rats. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 3951-3957.	1.8	6
80	Covalent immobilization of KR-12 peptide onto a titanium surface for decreasing infection and promoting osteogenic differentiation. <i>RSC Advances</i> , 2016, 6, 46733-46743.	3.6	28
81	Translational study of orthopaedic biomaterials and devices. <i>Journal of Orthopaedic Translation</i> , 2016, 5, 69-71.	3.9	16
82	Anti-infective efficacy, cytocompatibility and biocompatibility of a 3D-printed osteoconductive composite scaffold functionalized with quaternized chitosan. <i>Acta Biomaterialia</i> , 2016, 46, 112-128.	8.3	128
83	SiO ₂ and CaF ₂ Behavior During Shielded Metal Arc Welding and Their Effect on Slag Detachability of the CaO-CaF ₂ -SiO ₂ Type ENiCrFe-7-Covered Electrode. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 4530-4542.	2.2	21
84	Characterization and investigation of the deformation behavior of porous magnesium scaffolds with entangled architected pore channels. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 64, 139-150.	3.1	20
85	Cytocompatibility with osteogenic cells and enhanced in vivo anti-infection potential of quaternized chitosan-loaded titania nanotubes. <i>Bone Research</i> , 2016, 4, 16027.	11.4	54
86	miR-203 inhibits the traumatic heterotopic ossification by targeting Runx2. <i>Cell Death and Disease</i> , 2016, 7, e2436-e2436.	6.3	30
87	A novel open-porous magnesium scaffold with controllable microstructures and properties for bone regeneration. <i>Scientific Reports</i> , 2016, 6, 24134.	3.3	156
88	Effects of magnesium silicate on the mechanical properties, biocompatibility, bioactivity, degradability, and osteogenesis of poly(butylene succinate)-based composite scaffolds for bone repair. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7974-7988.	5.8	30
89	Biofunctionalization of titanium with bacitracin immobilization shows potential for anti-bacteria, osteogenesis and reduction of macrophage inflammation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 728-739.	5.0	59
90	AMPK promotes osteogenesis and inhibits adipogenesis through AMPK-Gfi1-OPN axis. <i>Cellular Signalling</i> , 2016, 28, 1270-1282.	3.6	56

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91	Porous magnesium loaded with gentamicin sulphate and in vitro release behavior. <i>Materials Science and Engineering C</i> , 2016, 69, 154-159.	7.3	9
92	TIMP3 regulates osteosarcoma cell migration, invasion, and chemotherapeutic resistances. <i>Tumor Biology</i> , 2016, 37, 8857-8867.	1.8	24
93	Enhancement of entangled porous titanium by BisGMA for load-bearing biomedical applications. <i>Materials Science and Engineering C</i> , 2016, 61, 37-41.	7.3	21
94	Covalently immobilised type I collagen facilitates osteoconduction and osseointegration of titanium coated implants. <i>Journal of Orthopaedic Translation</i> , 2016, 5, 16-25.	3.9	44
95	miR-22 inhibits tumor growth and metastasis by targeting ATP citrate lyase: evidence in osteosarcoma, prostate cancer, cervical cancer and lung cancer. <i>Oncotarget</i> , 2016, 7, 44252-44265.	1.8	148
96	Musculoskeletal regeneration research network: A global initiative. <i>Journal of Orthopaedic Translation</i> , 2015, 3, 160-165.	3.9	1
97	Lentivirus transduced interleukin-1 receptor antagonist gene expression in murine bone marrow-derived mesenchymal stem cells in vitro. <i>Molecular Medicine Reports</i> , 2015, 12, 4063-4070.	2.4	7
98	Bacterial inhibition potential of 3D rapid-prototyped magnesium-based porous composite scaffoldsâ€™ an in vitro efficacy study. <i>Scientific Reports</i> , 2015, 5, 13775.	3.3	53
99	ROCK-regulated synergistic effect of macropore/nanowire topography on cytoskeletal distribution and cell differentiation. <i>RSC Advances</i> , 2015, 5, 101834-101842.	3.6	17
100	Long-term effects of ovariectomy on the properties of bone in goats. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 1967-1973.	1.8	6
101	Biofabrication of a PLGA-TCP-based porous bioactive bone substitute with sustained release of icaritin. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 961-972.	2.7	34
102	The Effect of Implant Shape and Screw Pitch on Microdamage in Mandibular Bone. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, 365-372.	3.7	8
103	Potentiated Osteoinductivity via Cotransfection with BMP-2 and VEGF Genes in Microencapsulated C2C12 Cells. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	8
104	Severe Pelvic Obliquity Affects Femoral Offset in Patients with Total Hip Arthroplasty but Not Leg-Length Inequality. <i>PLoS ONE</i> , 2015, 10, e0144863.	2.5	13
105	Surface Modification of Porous Titanium with Microarc Oxidation and Its Effects on Osteogenesis Activity In Vitro. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-10.	2.7	5
106	Inhibitory effects of ursolic acid on osteoclastogenesis and titanium particle-induced osteolysis are mediated primarily via suppression of ANF-Î² signaling. <i>Biochimie</i> , 2015, 111, 107-118.	2.6	42
107	Inhibition of MDA-MB-231 breast cancer cell migration and invasion activity by andrographolide via suppression of nuclear factor-Î²-dependent matrix metalloproteinase-9 expression. <i>Molecular Medicine Reports</i> , 2015, 11, 1139-1145.	2.4	40
108	Synergistic suppression of human breast cancer cells by combination of plumbagin and zoledronic acid In vitro. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 1085-1098.	6.1	22

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109	Mechanical degradation of porous titanium with entangled structure filled with biodegradable magnesium in Hanks' solution. <i>Materials Science and Engineering C</i> , 2015, 57, 349-354.	7.3	21
110	Quaternised chitosan coating on titanium provides a self-protective surface that prevents bacterial colonisation and implant-associated infections. <i>RSC Advances</i> , 2015, 5, 54304-54311.	3.6	19
111	Sclerostin antibody treatment causes greater alveolar crest height and bone mass in an ovariectomized rat model of localized periodontitis. <i>Bone</i> , 2015, 76, 141-148.	2.9	45
112	Investigation on the Microstructure and Ductility-Dip Cracking Susceptibility of the Butt Weld Welded with ENiCrFe-7 Nickel-Base Alloy-Covered Electrodes. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 1227-1236.	2.2	15
113	Single walled carbon nanotubes reinforced mineralized hydroxyapatite composite coatings on titanium for improved biocompatible implant applications. <i>RSC Advances</i> , 2015, 5, 36766-36778.	3.6	51
114	The use of nuclear imaging for the diagnosis of periprosthetic infection after knee and hip arthroplasties. <i>Nuclear Medicine Communications</i> , 2015, 36, 305-311.	1.1	28
115	Improvement of bioactivity, degradability, and cytocompatibility of bio cement by addition of mesoporous magnesium silicate into sodium-magnesium phosphate cement. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 238.	3.6	10
116	CXCR1 knockdown improves the sensitivity of osteosarcoma to cisplatin. <i>Cancer Letters</i> , 2015, 369, 405-415.	7.2	36
117	Myricetin prevents titanium particle-induced osteolysis in vivo and inhibits RANKL-induced osteoclastogenesis in vitro. <i>Biochemical Pharmacology</i> , 2015, 93, 59-71.	4.4	57
118	Porous titanium with entangled structure filled with biodegradable magnesium for potential biomedical applications. <i>Materials Science and Engineering C</i> , 2015, 47, 142-149.	7.3	19
119	Geraniin suppresses RANKL-induced osteoclastogenesis in vitro and ameliorates wear particle-induced osteolysis in mouse model. <i>Experimental Cell Research</i> , 2015, 330, 91-101.	2.6	37
120	Preparation, characterization, and in vitro osteoblast functions of a nano-hydroxyapatite/polyetheretherketone biocomposite as orthopedic implant material. <i>International Journal of Nanomedicine</i> , 2014, 9, 3949.	6.7	56
121	Siliceous mesostructured cellular foams/ poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) composite biomaterials for bone regeneration. <i>International Journal of Nanomedicine</i> , 2014, 9, 4795.	6.7	9
122	Inhibited bacterial biofilm formation and improved osteogenic activity on gentamicin-loaded titania nanotubes with various diameters. <i>International Journal of Nanomedicine</i> , 2014, 9, 1215.	6.7	40
123	Improved hMSC functions on titanium coatings by type I collagen immobilization. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 204-214.	4.0	52
124	An in vitro and finite element study of load redistribution in the midfoot. <i>Science China Life Sciences</i> , 2014, 57, 1191-1196.	4.9	13
125	Antibacterial Properties of Magnesium <i>in Vitro</i> and in an <i>In Vivo</i> Model of Implant-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 7586-7591.	3.2	95
126	The Inhibition of RANKL-Induced Osteoclastogenesis through the Suppression of p38 Signaling Pathway by Naringenin and Attenuation of Titanium-Particle-Induced Osteolysis. <i>International Journal of Molecular Sciences</i> , 2014, 15, 21913-21934.	4.1	27

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127	Current Strategies to Improve the Bioactivity of PEEK. <i>International Journal of Molecular Sciences</i> , 2014, 15, 5426-5445.	4.1	351
128	The effect of enoxacin on osteoclastogenesis and reduction of titanium particle-induced osteolysis via suppression of JNK signaling pathway. <i>Biomaterials</i> , 2014, 35, 5721-5730.	11.4	91
129	Dioscin inhibits osteoclast differentiation and bone resorption through down-regulating the Akt signaling cascades. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 658-665.	2.1	48
130	Evaluation of antibacterial activity of N-phosphonium chitosan as a novel polymeric antibacterial agent. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 163-171.	7.5	56
131	Mesoporous bioactive glass doped-poly (3-hydroxybutyrate-co-3-hydroxyhexanoate) composite scaffolds with 3-dimensionally hierarchical pore networks for bone regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 72-80.	5.0	45
132	Mass Transfer and Weld Appearance of 316L Stainless Steel Covered Electrode During Shielded Metal Arc Welding. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2014, 45, 843-853.	2.2	7
133	Andrographolide prevents human breast cancer-induced osteoclastic bone loss via attenuated RANKL signaling. <i>Breast Cancer Research and Treatment</i> , 2014, 144, 33-45.	2.5	24
134	Plumbagin inhibits LPS-induced inflammation through the inactivation of the nuclear factor-kappa B and mitogen activated protein kinase signaling pathways in RAW 264.7 cells. <i>Food and Chemical Toxicology</i> , 2014, 64, 177-183.	3.6	63
135	The effect of autologous endothelial progenitor cell transplantation combined with extracorporeal shock-wave therapy on ischemic skin flaps in rats. <i>Cytotherapy</i> , 2014, 16, 1098-1109.	0.7	11
136	Fabrication of Entangled Tough Titanium Wires Materials and Influence on Three-Dimensional Structure and Properties. <i>Journal of Materials Engineering and Performance</i> , 2014, 23, 954-966.	2.5	1
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