Yan Wei

List of Publications by Year
in descending order

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58	2,093	201658	243610
papers	citations	27 h-index	44 g-index

63	63	63	2931
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Matrix stiffness modulates tip cell formation through the p-PXN-Rac1-YAP signaling axis. Bioactive Materials, 2022, 7, 364-376.	15.6	25
2	Chirality Bias Tissue Homeostasis by Manipulating Immunological Response. Advanced Materials, 2022, 34, e2105136.	21.0	22
3	Diffusion Behaviors of Integrins in Single Cells Altered by Epithelial to Mesenchymal Transition (Small 5/2022). Small, 2022, 18, .	10.0	0
4	Multiscale engineered artificial tooth enamel. Science, 2022, 375, 551-556.	12.6	138
5	Diffusion Behaviors of Integrins in Single Cells Altered by Epithelial to Mesenchymal Transition. Small, 2022, 18, e2106498.	10.0	9
6	Controlling Directional Liquid Transport on Dual Cylindrical Fibers with Oriented Openâ€Wedges. Advanced Materials Interfaces, 2022, 9, .	3.7	8
7	Domain Engineering in Bulk Ferroelectric Ceramics via Mesoscopic Chemical Inhomogeneity. Advanced Science, 2022, 9, e2200998.	11.2	20
8	Engineering DNAâ€Guided Hydroxyapatite Bulk Materials with High Stiffness and Outstanding Antimicrobial Ability for Dental Inlay Applications. Advanced Materials, 2022, 34, e2202180.	21.0	16
9	Graphene oxide bulk material reinforced by heterophase platelets with multiscale interface crosslinking. Nature Materials, 2022, 21, 1121-1129.	27.5	66
10	An overview of signaling pathways regulating YAP/TAZ activity. Cellular and Molecular Life Sciences, 2021, 78, 497-512.	5.4	59
11	Ultraâ€Sensitive and Selective Electrochemical Bioâ€Fluid Biopsy for Oral Cancer Screening. Small Methods, 2021, 5, e2001205.	8.6	4
12	Analysis of facial features and prediction of lip position in skeletal class III malocclusion adult patients undergoing surgical-orthodontic treatment. Clinical Oral Investigations, 2021, 25, 5227-5238.	3.0	5
13	Injectable In Situ Induced Robust Hydrogel for Photothermal Therapy and Bone Fracture Repair. Advanced Functional Materials, 2021, 31, 2010779.	14.9	42
14	Engineered Protein Photoâ€Thermal Hydrogels for Outstanding In Situ Tongue Cancer Therapy. Advanced Materials, 2021, 33, e2100619.	21.0	76
15	HtrA3â€Mediated Endothelial Cellâ€“Extracellular Matrix Crosstalk Regulates Tip Cell Specification. Advanced Functional Materials, 2021, 31, 2100633.	14.9	2
16	Inside Front Cover: Ultraâ€Sensitive and Selective Electrochemical Bioâ€Fluid Biopsy for Oral Cancer Screening (Small Methods 5/2021). Small Methods, 2021, 5, 2170018.	8.6	0
17	An Amorphous Periâ€Implant Ligament with Combined Osteointegration and Energyâ€Dissipation. Advanced Materials, 2021, 33, e2103727.	21.0	18
18	Three-dimensional radiographic and histological tracking of rat mandibular defect repair after inferior alveolar nerve axotomy. Archives of Oral Biology, 2021, 131, 105252.	1.8	2

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19	Cell Membrane Vesicles with Enriched CXCR4 Display Enhances Their Targeted Delivery as Drug Carriers to Inflammatory Sites. Advanced Science, 2021, 8, e2101562.	11.2	17
20	Poly(ionic liquid)-Based Efficient and Robust Antiseptic Spray. ACS Applied Materials & Interfaces, 2021, 13, 48358-48364.	8.0	10
21	A Clinical Study of 15 Acute Leukemia Patients with Plasmacytoid Dendritic Cells Expansion. Blood, 2021, 138, 4468-4468.	1.4	0
22	Specific Recognition of Uranyl Ion Employing a Functionalized Nanochannel Platform for Dealing with Radioactive Contamination. ACS Applied Materials & Interfaces, 2020, 12, 3854-3861.	8.0	24
23	The miRâ€193aâ€3pâ€MAP3k3 Signaling Axis Regulates Substrate Topographyâ€Induced Osteogenesis of Bone Marrow Stem Cells. Advanced Science, 2020, 7, 1901412.	11.2	17
24	Metallic Antibacterial Surface Treatments of Dental and Orthopedic Materials. Materials, 2020, 13, 4594.	2.9	11
25	Role of YAP/TAZ in Cell Lineage Fate Determination and Related Signaling Pathways. Frontiers in Cell and Developmental Biology, 2020, 8, 735.	3.7	71
26	Sequential drug release via chemical diffusion and physical barriers enabled by hollow multishelled structures. Nature Communications, 2020, 11, 4450.	12.8	52
27	Advancements in Hydrogel-Based Drug Sustained Release Systems for Bone Tissue Engineering. Frontiers in Pharmacology, 2020, 11, 622.	3.5	55
28	Mitochondria transfer enhances proliferation, migration, and osteogenic differentiation of bone marrow mesenchymal stem cell and promotes bone defect healing. Stem Cell Research and Therapy, 2020, 11, 245.	5.5	55
29	Hydrogel-Coated Dental Device with Adhesion-Inhibiting and Colony-Suppressing Properties. ACS Applied Materials & Interfaces, 2020, 12, 9718-9725.	8.0	65
30	Enamel Repair with Amorphous Ceramics. Advanced Materials, 2020, 32, e1907067.	21.0	30
31	Chirality Controls Mesenchymal Stem Cell Lineage Diversification through Mechanoresponses. Advanced Materials, 2019, 31, e1900582.	21.0	73
32	Engineered Smart Gating Nanochannels for High Performance in Formaldehyde Detection and Removal. Advanced Functional Materials, 2019, 29, 1807953.	14.9	53
33	Directing Stem Cell Differentiation via Electrochemical Reversible Switching between Nanotubes and Nanotips of Polypyrrole Array. ACS Nano, 2017, 11, 5915-5924.	14.6	89
34	Builtâ€In Electric Fields Dramatically Induce Enhancement of Osseointegration. Advanced Functional Materials, 2017, 27, 1703771.	14.9	73
35	Cellular Uptake and Delivery-Dependent Effects of Tb3+-Doped Hydroxyapatite Nanorods. Molecules, 2017, 22, 1043.	3.8	12
36	Enhanced Stem Cell Osteogenic Differentiation by Bioactive Glass Functionalized Graphene Oxide Substrates. Journal of Nanomaterials, 2016, 2016, 1-11.	2.7	10

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37	Synergistic effects of elastic modulus and surface topology of Ti-based implants on early osseointegration. RSC Advances, 2016, 6, 43685-43696.	3.6	20
38	Surface Wettability Switched Cell Adhesion and Detachment on Conducting Polymer Nanoarray. Advanced Materials Interfaces, 2016, 3, 1600598.	3.7	32
39	Improved performance of Bis-GMA/TEGDMA dental composites by net-like structures formed from SiO 2 nanofiber fillers. Materials Science and Engineering C, 2016, 59, 464-470.	7.3	56
40	Electrospun Gelatin/<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mo mathvariant="bold">Î²</mml:mo></mml:mrow></mml:math>-TCP Composite Nanofibers Enhance Osteogenic Differentiation of BMSCs andIn VivoBone Formation by Activating Ca²⁺-Sensing Receptor Signaling. Stem Cells International, 2015, 2015, 1-13.	2.5	37
41	Investigations into the Biocompatibility of Nanohydroxyapatite Coated Magnetic Nanoparticles under Magnetic Situation. Journal of Nanomaterials, 2015, 2015, 1-10.	2.7	3
42	Mechanical Switching of Nanoscale Multiferroic Phase Boundaries. Advanced Functional Materials, 2015, 25, 3405-3413.	14.9	38
43	PLGA/PDLLA coreâ€“shell submicron spheres sequential release system: Preparation, characterization and promotion of bone regeneration in vitro and in vivo. Chemical Engineering Journal, 2015, 273, 490-501.	12.7	35
44	Enhanced Osteogenic Behavior of ADSCs Produced by Deproteinized Antler Cancellous Bone and Evidence for Involvement of ERK Signaling Pathway. Tissue Engineering - Part A, 2015, 21, 1810-1821.	3.1	18
45	Dielectric and Ferroelectric Properties of BaTiO3 Nanofibers Prepared viaÂElectrospinning. Journal of Materials Science and Technology, 2014, 30, 743-747.	10.7	42
46	Improved bioactivity of PAN-based carbon nanofibers decorated with bioglass nanoparticles. Journal of Biomaterials Science, Polymer Edition, 2014, 25, 341-353.	3.5	18
47	Lower Extent but Similar Rhythm of Osteogenic Behavior in hBMSCs Cultured on Nanofibrous Scaffolds versus Induced with Osteogenic Supplement. ACS Nano, 2013, 7, 6928-6938.	14.6	68
48	Effects of compatibility of deproteinized antler cancellous bone with various bioactive factors on their osteogenic potential. Biomaterials, 2013, 34, 9103-9114.	11.4	53
49	Restoration of Critical-Sized Defects in the Rabbit Mandible Using Autologous Bone Marrow Stromal Cells Hybridized with Nano-Î²-tricalcium Phosphate/Collagen Scaffolds. Journal of Nanomaterials, 2013, 2013, 1-8.	2.7	7
50	Dose-dependent enhancement of bone marrow stromal cells adhesion, spreading and osteogenic differentiation on atmospheric plasma-treated poly(<scp>l</scp>-lactic acid) nanofibers. Journal of Bioactive and Compatible Polymers, 2013, 28, 453-467.	2.1	11
51	Influence of La Doping on Magnetic and Optical Properties of Bismuth Ferrite Nanofibers. Journal of Nanomaterials, 2012, 2012, 1-5.	2.7	20
52	Cytotoxicity of Silver Nanoparticles in Human Embryonic Stem Cell-Derived Fibroblasts and an L-929 Cell Line. Journal of Nanomaterials, 2012, 2012, 1-9.	2.7	36
53	Correlation of the structure, properties, and antimicrobial activity of a soluble thiolated chitosan derivative. Journal of Applied Polymer Science, 2012, 125, E143.	2.6	22
54	Calcium ion release and osteoblastic behavior of gelatin/beta-tricalcium phosphate composite nanofibers fabricated by electrospinning. Materials Letters, 2012, 73, 172-175.	2.6	27

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55	Magnetic biodegradable Fe ₃ O ₄ /CS/PVA nanofibrous membranes for bone regeneration. Biomedical Materials (Bristol), 2011, 6, 055008.	3.3	119
56	Post-draw PANâ€“PMMA nanofiber reinforced and toughened Bis-GMA dental restorative composite. Dental Materials, 2010, 26, 873-880.	3.5	77
57	Electrospun nanofiber reinforced and toughened composites through in situ nano-interface formation. Composites Science and Technology, 2008, 68, 3322-3329.	7.8	122
58	Therapeutic efficacy of L-asparaginase in the treatment of refractory midfacial peripheral T-cell non-hodgkinâ€™s lymphoma. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2000, 12, 209-211.	2.2	0