

Lan Xiao

List of Publications by Year in descending order

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34
papers

2,406
citations

394421

19
h-index

395702

33
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35
all docs

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docs citations

35
times ranked

3172
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	1,430
2	Flexible Bicolorimetric Polyacrylamide/Chitosan Hydrogels for Smart Real-time Monitoring and Promotion of Wound Healing. <i>Advanced Functional Materials</i> , 2021, 31, 2102599.	14.9	131
3	Dihydropyridone-Gold Nanoclusters Regulate Microglial Polarization and Have the Potential To Alter Neurogenesis. <i>Nano Letters</i> , 2020, 20, 478-495.	9.1	92
4	Licorice isoliquiritigenin suppresses RANKL-induced osteoclastogenesis in vitro and prevents inflammatory bone loss in vivo. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1139-1152.	2.8	63
5	Accelerated host angiogenesis and immune responses by ion release from mesoporous bioactive glass. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3274-3284.	5.8	56
6	SPHK1-S1PR1-RANKL Axis Regulates the Interactions Between Macrophages and BMSCs in Inflammatory Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1090-1104.	2.8	46
7	Imbalance of Interleukin-17+ T-cell and Foxp3+ Regulatory T-cell Dynamics in Rat Periapical Lesions. <i>Journal of Endodontics</i> , 2014, 40, 56-62.	3.1	41
8	Graphene oxide coated Titanium Surfaces with Osteoimmunomodulatory Role to Enhance Osteogenesis. <i>Materials Science and Engineering C</i> , 2020, 113, 110983.	7.3	41
9	In vitro and in vivo evaluation of a nanoparticulate bioceramic paste for dental pulp repair. <i>Acta Biomaterialia</i> , 2014, 10, 5156-5168.	8.3	39
10	Mesoporous silica rods with cone shaped pores modulate inflammation and deliver BMP-2 for bone regeneration. <i>Nano Research</i> , 2020, 13, 2323-2331.	10.4	39
11	Synergistic regulation of osteoimmune microenvironment by IL-4 and RGD to accelerate osteogenesis. <i>Materials Science and Engineering C</i> , 2020, 109, 110508.	7.3	38
12	Injectable sericin based nanocomposite hydrogel for multi-modal imaging-guided immunomodulatory bone regeneration. <i>Chemical Engineering Journal</i> , 2021, 418, 129323.	12.7	37
13	S1P-S1PR1 Signaling: the "Sphinx" in Osteoimmunology. <i>Frontiers in Immunology</i> , 2019, 10, 1409.	4.8	35
14	Gold nanoparticle-directed autophagy intervention for antitumor immunotherapy via inhibiting tumor-associated macrophage M2 polarization. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3124-3138.	12.0	35
15	The Autophagy in Osteoimmunology: Self-Eating, Maintenance, and Beyond. <i>Frontiers in Endocrinology</i> , 2019, 10, 490.	3.5	33
16	Current Application of Beta-Tricalcium Phosphate in Bone Repair and Its Mechanism to Regulate Osteogenesis. <i>Frontiers in Materials</i> , 2021, 8, .	2.4	29
17	The interplay between hemostasis and immune response in biomaterial development for osteogenesis. <i>Materials Today</i> , 2022, 54, 202-224.	14.2	29
18	3D printed β -TCP scaffold with sphingosine 1-phosphate coating promotes osteogenesis and inhibits inflammation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 889-895.	2.1	23

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19	Current Development of Nano-Drug Delivery to Target Macrophages. <i>Biomedicines</i> , 2022, 10, 1203.	3.2	20
20	Double-layered microsphere based dual growth factor delivery system for guided bone regeneration. <i>RSC Advances</i> , 2018, 8, 16503-16512.	3.6	18
21	Surface engineering of titania nanotubes incorporated with double-layered extracellular vesicles to modulate inflammation and osteogenesis. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbab010.	3.7	18
22	Different Correlation of Sphingosine-1-Phosphate Receptor 1 with Receptor Activator of Nuclear Factor Kappa B Ligand and Regulatory T Cells in Rat Periapical Lesions. <i>Journal of Endodontics</i> , 2015, 41, 479-486.	3.1	15
23	A novel MMP-responsive nanoplatfrom with transformable magnetic resonance property for quantitative tumor bioimaging and synergetic chemo-photothermal therapy. <i>Nano Today</i> , 2022, 45, 101524.	11.9	15
24	Modulatory Role of Silver Nanoparticles and Mesenchymal Stem Cell-Derived Exosome-Modified Barrier Membrane on Macrophages and Osteogenesis. <i>Frontiers in Chemistry</i> , 2021, 9, 699802.	3.6	13
25	Autophagy in resin monomer-initiated toxicity of dental mesenchymal cells: a novel therapeutic target of N-acetyl cysteine. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6820-6836.	5.8	12
26	Macrophages at Low-Inflammatory Status Improved Osteogenesis via Autophagy Regulation. <i>Tissue Engineering - Part A</i> , 2021, , .	3.1	12
27	LiCl-induced immunomodulatory periodontal regeneration via the activation of the Wnt/ β -catenin signaling pathway. <i>Journal of Periodontal Research</i> , 2022, 57, 835-848.	2.7	11
28	Eco-friendly development of an ultrasmall IONP-loaded nanoplatfrom for bimodal imaging-guided cancer theranostics. <i>Biomaterials Science</i> , 2020, 8, 6375-6386.	5.4	9
29	Porous Nanomaterials Targeting Autophagy in Bone Regeneration. <i>Pharmaceutics</i> , 2021, 13, 1572.	4.5	9
30	Leucine-activated nanohybrid biofilm for skin regeneration <i>via</i> improving cell affinity and neovascularization capacity. <i>Journal of Materials Chemistry B</i> , 2020, 8, 7966-7976.	5.8	7
31	Bioactive Film-Guided Soft-Hard Interface Design Technology for Multi-Tissue Integrative Regeneration. <i>Advanced Science</i> , 2022, , 2105945.	11.2	4
32	The Modulatory Role of Growth Hormone in Inflammation and Macrophage Activation. <i>Endocrinology</i> , 2022, 163, .	2.8	3
33	Rational Design and Fabrication of Biomimetic Hierarchical Scaffolds With Bone-Matchable Strength for Bone Regeneration. <i>Frontiers in Materials</i> , 2021, 7, .	2.4	1
34	Gold Nanoclusters Potentially Facilitate Dentin Regeneration by Functioning Immunomodulation. <i>Frontiers in Materials</i> , 2022, 9, .	2.4	1