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List of Publications by Year
in descending order

29 papers	657 citations	567281 15 h-index	610901 24 g-index
31 all docs	31 docs citations	31 times ranked	785 citing authors

#	Article	IF	Citations
1	A Library of ROSâ€Catalytic Metalloenzyme Mimics with Atomic Metal Centers. Advanced Materials, 2022, 34, e2200255.	21.0	68
2	Removal of SOST or blocking its product sclerostin rescues defects in the periodontitis mouse model. FASEB Journal, 2015, 29, 2702-2711.	0.5	64
3	Highâ€Strength and Injectable Supramolecular Hydrogel Selfâ€Assembled by Monomeric Nucleoside for Toothâ€Extraction Wound Healing. Advanced Materials, 2022, 34, e2108300.	21.0	58
4	Drug-free and non-crosslinked chitosan scaffolds with efficient antibacterial activity against both Gram-negative and Gram-positive bacteria. Carbohydrate Polymers, 2020, 241, 116386.	10.2	47
5	Expression of an active GÎ± _s mutant in skeletal stem cells is sufficient and necessary for fibrous dysplasia initiation and maintenance. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E428-E437.	7.1	43
6	Injectable self-crosslinking HA-SH/Col I blend hydrogels for in vitro construction of engineered cartilage. Carbohydrate Polymers, 2018, 190, 57-66.	10.2	42
7	Fabrication of an injectable iron (III) crosslinked alginate-hyaluronic acid hydrogel with shear-thinning and antimicrobial activities. Carbohydrate Polymers, 2021, 260, 117777.	10.2	32
8	Treatment effectiveness of FrÃnkel function regulator on the Class III malocclusion: AÂsystematic review and meta-analysis. American Journal of Orthodontics and Dentofacial Orthopedics, 2014, 146, 143-154.	1.7	30
9	Hydrogels for Exosome Delivery in Biomedical Applications. Gels, 2022, 8, 328.	4.5	28
10	Sclerostin antibody (Scl-Ab) improves osteomalacia phenotype in dentin matrix protein 1(Dmp1) knockout mice with little impact on serum levels of phosphorus and FGF23. Matrix Biology, 2016, 52-54, 151-161.	3.6	26
11	YAP regulates periodontal ligament cell differentiation into myofibroblast interacted with RhoA/ROCK pathway. Journal of Cellular Physiology, 2019, 234, 5086-5096.	4.1	25
12	Orthodontic mechanical tension effects on the myofibroblast expression of alpha-smooth muscle actin. Angle Orthodontist, 2010, 80, 912-918.	2.4	22
13	ZBP1 (DAI/DLM-1) promotes osteogenic differentiation while inhibiting adipogenic differentiation in mesenchymal stem cells through a positive feedback loop of Wnt/Î²-catenin signaling. Bone Research, 2020, 8, 12.	11.4	22
14	Cell-mediated injectable blend hydrogel-BCP ceramic scaffold for inÂsitu condylar osteochondral repair. Acta Biomaterialia, 2021, 123, 364-378.	8.3	19
15	Favorable effect of myofibroblasts on collagen synthesis and osteocalcin production in the periodontal ligament. American Journal of Orthodontics and Dentofacial Orthopedics, 2014, 145, 469-479.	1.7	16
16	Effects of TGF-Î²1 on OPG/RANKL Expression of Cementoblasts and Osteoblasts Are Similar without Stress but Different with Mechanical Compressive Stress. Scientific World Journal, The, 2015, 2015, 1-12.	2.1	16
17	Effect of buccolingual inclinations of maxillary canines and premolars on perceived smile attractiveness. American Journal of Orthodontics and Dentofacial Orthopedics, 2015, 147, 182-189.	1.7	15
18	Wnt3Î± and transforming growth factor-Î² induce myofibroblast differentiation from periodontal ligament cells via different pathways. Experimental Cell Research, 2017, 353, 55-62.	2.6	12

#	Article	IF	Citations
19	Proteoglycans in the periodontium: A review with emphasis on specific distributions, functions, and potential applications. Journal of Periodontal Research, 2021, 56, 617-632.	2.7	12
20	Three-dimensional FEM analysis of stress distribution in dynamic maxillary canine movement. Science Bulletin, 2013, 58, 2454-2459.	1.7	11
21	Cysteine Dioxygenase Type 1 Inhibits Osteogenesis by Regulating Wnt Signaling in Primary Mouse Bone Marrow Stromal Cells. Scientific Reports, 2016, 6, 19296.	3.3	11
22	RANKL inhibition halts lesion progression and promotes bone remineralization in mice with fibrous dysplasia. Bone, 2022, 156, 116301.	2.9	10
23	Roles and mechanisms of YAP/TAZ in orthodontic tooth movement. Journal of Cellular Physiology, 2021, 236, 7792-7800.	4.1	8
24	Uprighting a mesially tilted mandibular left second molar with anchorage from a dental implant. Journal of Prosthetic Dentistry, 2020, 123, 50-53.	2.8	4
25	Mg-Fe layered double hydroxides modified titanium enhanced the adhesion of human gingival fibroblasts through regulation of local pH level. Materials Science and Engineering C, 2021, 131, 112485.	7.3	4
26	Orthodontic maximum anchorages in malocclusion treatment: A systematic review and network metaâ€analysis. Journal of Evidence-Based Medicine, 2021, 14, 295-302.	1.8	4
27	Highâ€Strength and Injectable Supramolecular Hydrogel Selfâ€Assembled by Monomeric Nucleoside for Toothâ€Extraction Wound Healing (Adv. Mater. 13/2022). Advanced Materials, 2022, 34, .	21.0	3
28	A Library of ROSâ€Catalytic Metalloenzyme Mimics with Atomic Metal Centers (Adv. Mater. 16/2022). Advanced Materials, 2022, 34, .	21.0	3
29	Intrinsic Contributions of 2â€²â€Hydroxyl to the Hydration of Nucleosides at the Monomeric Level. Chemistry - A European Journal, 2020, 26, 17046-17055.	3.3	2