Meng Deng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6726936/publications.pdf

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25 papers	3,506 citations	516710 16 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	5326 citing authors

#	Article	IF	Citations
1	The NLRP3 inflammasome: molecular activation and regulation to therapeutics. Nature Reviews Immunology, 2019, 19, 477-489.	22.7	2,601
2	NLRX1 Sequesters STING to Negatively Regulate the Interferon Response, Thereby Facilitating the Replication of HIV-1 and DNA Viruses. Cell Host and Microbe, 2016, 19, 515-528.	11.0	130
3	Effect of arginine on the growth and biofilm formation of oral bacteria. Archives of Oral Biology, 2017, 82, 256-262.	1.8	90
4	AIM2 in regulatory T cells restrains autoimmune diseases. Nature, 2021, 591, 300-305.	27.8	87
5	Dopaminergic effects on in vitro osteogenesis. Bone Research, 2015, 3, 15020.	11.4	74
6	Double-stranded RNA innate immune response activation from long-term adeno-associated virus vector transduction. JCI Insight, 2018, 3, .	5.0	74
7	The Innate Immune Sensor NLRC3 Acts as a Rheostat that Fine-Tunes T Cell Responses in Infection and Autoimmunity. Immunity, 2018, 49, 1049-1061.e6.	14.3	62
8	Viral DNA Binding to NLRC3, an Inhibitory Nucleic Acid Sensor, Unleashes STING, a Cyclic Dinucleotide Receptor that Activates Type I Interferon. Immunity, 2019, 50, 591-599.e6.	14.3	58
9	Effects of 45S5 bioglass on surface properties of dental enamel subjected to 35% hydrogen peroxide. International Journal of Oral Science, 2013, 5, 103-110.	8.6	51
10	Platelet-activating factor (PAF) mediates NLRP3-NEK7 inflammasome induction independently of PAFR. Journal of Experimental Medicine, 2019, 216, 2838-2853.	8.5	41
11	Relationship between expression of human gingival betaâ€defensins and levels of periodontopathogens in subgingival plaque. Journal of Periodontal Research, 2015, 50, 113-122.	2.7	33
12	TRAF3IP3 negatively regulates cytosolic RNA induced anti-viral signaling by promoting TBK1 K48 ubiquitination. Nature Communications, 2020, 11, 2193.	12.8	33
13	Arginine promotes fluoride uptake into artificial carious lesionsin vitro. Australian Dental Journal, 2015, 60, 104-111.	1.5	31
14	Biofeedback treatment for sleep bruxism: a systematic review. Sleep and Breathing, 2014, 18, 235-242.	1.7	29
15	Finite element analysis of three zygomatic implant techniques for the severely atrophic edentulous maxilla. Journal of Prosthetic Dentistry, 2014, 111, 203-215.	2.8	24
16	Dopamine suppresses osteoclast differentiation via cAMP/PKA/CREB pathway. Cellular Signalling, 2021, 78, 109847.	3.6	22
17	Characterization of Dentin Matrix Biomodified by Galla Chinensis Extract. Journal of Endodontics, 2013, 39, 542-547.	3.1	14
18	Comparison of Composition and Anticaries Effect of Galla Chinensis Extracts with Different Isolation Methods. Open Dentistry Journal, 2017, 11, 447-459.	0.5	13

#	Article	IF	Citations
19	Changes in composition and enamel demineralization inhibition activities of gallic acid at different pH values. Acta Odontologica Scandinavica, 2015, 73, 595-601.	1.6	11
20	Deformation and fracture of K3 rotary nickelâ€“titanium endodontic instruments after clinical use. International Endodontic Journal, 2016, 49, 1088-1094.	5.0	8
21	Antibacterial effect and shear bond strength of an orthodontic adhesive cement containing Galla chinensis extract. Biomedical Reports, 2016, 4, 507-511.	2.0	7
22	Effect of SOST gene deletion on the progression of renal interstitial fibrosis in obstructive kidney injury. Renal Failure, 2015, 37, 1514-1517.	2.1	6
23	An experiment on the attrition of acid demineralized dentine in vitro. Australian Dental Journal, 2011, 56, 63-67.	1.5	3
24	Bio-modification approach for novel dentine caries management by Galla chinesis extract and microbial transglutaminase. Dental Hypotheses, 2012, 3, 129.	0.5	2
25	Effect of <i>Galla Ñhinensis</i> on the Wear Resistance of Dentine. Advanced Materials Research, 0, 705, 187-190.	0.3	1