Michael A Sandholzer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9245672/publications.pdf

Version: 2024-02-01

18	437	687363 13	888059 17
papers	citations	h-index	g-index

18	18	18	973
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determining Volumetric Shrinkage Trends of Burnt Bone Using Microâ€CT. Journal of Forensic Sciences, 2020, 65, 196-199.	1.6	18
2	Surgical adhesions in mice are derived from mesothelial cells and can be targeted by antibodies against mesothelial markers. Science Translational Medicine, 2018, 10, .	12.4	70
3	High-resolution Î¼CT of a mouse embryo using a compact laser-driven X-ray betatron source. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6335-6340.	7.1	50
4	Every-other-day feeding extends lifespan but fails to delay many symptoms of aging in mice. Nature Communications, 2017, 8, 155.	12.8	87
5	Viable Ednra Y129F mice feature human mandibulofacial dysostosis with alopecia (MFDA) syndrome due to the homologue mutation. Mammalian Genome, 2016, 27, 587-598.	2.2	5
6	Understanding natureâ€™s residual strain engineering at the human dentineâ€“enamel junction interface. Acta Biomaterialia, 2016, 32, 256-263.	8.3	23
7	The First Scube3 Mutant Mouse Line with Pleiotropic Phenotypic Alterations. G3: Genes, Genomes, Genetics, 2016, 6, 4035-4046.	1.8	9
8	Influence of Heating Regimes on Dimensional and Colorimetric Changes of Teeth. , 2015, , 365-379.		8
9	Identification of Risk Factors Generating Terrorism in Pakistan. Terrorism and Political Violence, 2015, 27, 537-556.	2.0	3
10	In situ X-ray scattering evaluation of heat-induced ultrastructural changes in dental tissues and synthetic hydroxyapatite. Journal of the Royal Society Interface, 2014, 11, 20130928.	3.4	24
11	Structure-mechanical function relations at nano-scale in heat-affected human dental tissue. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 32, 113-124.	3.1	20
12	Xâ€ray Scattering Evaluation of Ultrastructural Changes in Human Dental Tissues with Thermal Treatment. Journal of Forensic Sciences, 2014, 59, 769-774.	1.6	24
13	Hierarchical modelling of in situ elastic deformation of human enamel based on photoelastic and diffraction analysis of stresses and strains. Acta Biomaterialia, 2014, 10, 343-354.	8.3	16
14	Volume analysis of heat-induced cracks in human molars: A preliminary study. Journal of Forensic Dental Sciences, 2014, 6, 139.	0.4	20
15	Radiologic evaluation of heat-induced shrinkage and shape preservation of human teeth using micro-CT. Journal of Forensic Radiology and Imaging, 2013, 1, 107-111.	1.2	21
16	AAFS 2013: Current issues and future trends in forensic radiology and imaging. Journal of Forensic Radiology and Imaging, 2013, 1, 88-90.	1.2	2
17	Hierarchical modelling of elastic behaviour of human enamel based on synchrotron diffraction characterisation. Journal of Structural Biology, 2013, 184, 136-146.	2.8	15
18	Multiscale modelling and diffraction-based characterization of elastic behaviour of human dentine. Acta Biomaterialia, 2013, 9, 7937-7947.	8.3	22