

Michael A Sandholzer

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

437
citations

687363

13
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

973
citing authors

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