

Alexandre Rodrigues Freire

List of Publications by Year in descending order

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39
papers

443
citations

687363

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h-index

794594

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g-index

39
all docs

39
docs citations

39
times ranked

605
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of anthropological measures of the human femur for sex estimation in Brazilians. <i>Australian Journal of Forensic Sciences</i> , 2022, 54, 61-74.	1.2	16
2	A Different Pattern of Arrangement of the Risorius Muscle Fibers: A Case Report. <i>Cureus</i> , 2022, 14, e22922.	0.5	0
3	Biomechanical and morphological analysis of Pierre Robin sequence mandible: Finite element and morphometric study. <i>Anatomical Record</i> , 2021, 304, 1375-1388.	1.4	1
4	Effects of premature contact in maxillary alveolar bone in rats: relationship between experimental analyses and a micro scale FEA computational simulation study. <i>Clinical Oral Investigations</i> , 2021, 25, 5479-5492.	3.0	4
5	Craniofacial injuries by firearms projectiles: An analysis of 868 deaths in the five regions of Brazil. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2020, 69, 101888.	1.0	8
6	β2-catenin and Its Relation to Alveolar Bone Mechanical Deformation – A Study Conducted in Rats With Tooth Extraction. <i>Frontiers in Physiology</i> , 2020, 11, 549.	2.8	3
7	Computational simulation of projectile injuries to human parietal bone using finite element analysis. <i>Australian Journal of Forensic Sciences</i> , 2019, 51, 446-454.	1.2	4
8	Resorptive potential of impacted mandibular third molars: 3D simulation by finite element analysis. <i>Clinical Oral Investigations</i> , 2018, 22, 3195-3203.	3.0	12
9	Raloxifene but not alendronate can compensate the impaired osseointegration in osteoporotic rats. <i>Clinical Oral Investigations</i> , 2018, 22, 255-265.	3.0	32
10	Alveolar bone healing in rats: micro-CT, immunohistochemical and molecular analysis. <i>Journal of Applied Oral Science</i> , 2018, 26, e20170326.	1.8	44
11	Daily melatonin administration improves osseointegration in pinealectomized rats. <i>Journal of Applied Oral Science</i> , 2018, 26, e20170470.	1.8	25
12	Application and validation of Diagnose Sexuelle Probabiliste V2 tool in a miscegenated population. <i>Forensic Science International</i> , 2018, 290, 351.e1-351.e5.	2.2	11
13	A SERM increasing the expression of the osteoblastogenesis and mineralization-related proteins and improving quality of bone tissue in an experimental model of osteoporosis. <i>Journal of Applied Oral Science</i> , 2018, 26, e20170329.	1.8	19
14	Systematic review of finite element analysis utilisation in craniofacial gunshot wounds. <i>Australian Journal of Forensic Sciences</i> , 2017, 49, 369-378.	1.2	3
15	Computational Approach to Identify Different Injuries by Firearms. <i>Journal of Forensic Sciences</i> , 2017, 62, 361-368.	1.6	7
16	The effect of a hydroxyapatite impregnated PCL membrane in rat subcritical calvarial bone defects. <i>Archives of Oral Biology</i> , 2017, 82, 209-215.	1.8	21
17	Morphometric and histologic characterization of alveolar bone from hypertensive patients. <i>Clinical Implant Dentistry and Related Research</i> , 2017, 19, 1106-1113.	3.7	5
18	Analysis of the Frontal Sinus Morphology and the Titanium Plates Shape in Skull Fracture for Human Identification. <i>International Journal of Odontostomatology</i> , 2016, 10, 303-308.	0.1	0

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19	Association between Facial Type and Mandibular Canal Morphology - Analysis in Digital Panoramic Radiographs. Brazilian Dental Journal, 2016, 27, 609-612.	1.1	5
20	Review of <i>In Vivo</i> Bone Strain Studies and Finite Element Models of the Zygomatic Complex in Humans and Nonhuman Primates: Implications for Clinical Research and Practice. Anatomical Record, 2016, 299, 1753-1778.	1.4	32
21	Finite-Element Analysis of 3 Situations of Trauma in the Human Edentulous Mandible. Journal of Oral and Maxillofacial Surgery, 2015, 73, 683-691.	1.2	26
22	Comparison of Gunshot Entrance Morphologies Caused by .40-Caliber Smith & Wesson, .380-Caliber, and 9-mm Luger Bullets: A Finite Element Analysis Study. PLoS ONE, 2014, 9, e111192.	2.5	18
23	Biomechanics of the Human Canine Pillar Based on its Geometry Using Finite Element Analysis. International Journal of Morphology, 2014, 32, 214-220.	0.2	4
24	Relations Between the Mandibular Canal and I, II and III Angle Classes in Panoramic Radiographs. International Journal of Morphology, 2014, 32, 449-454.	0.2	3
25	Computer Graphics Applied to Anatomy: A Study of two Bio-CAD Modeling Methods on Finite Element Analysis of Human Edentulous Hemi-Mandible. International Journal of Morphology, 2014, 32, 803-811.	0.2	2
26	Photoelastic and Finite Element Analyses of Occlusal Loads in Mandibular Body. Anatomy Research International, 2014, 2014, 1-9.	1.1	7
27	The application of finite element analysis in the skull biomechanics and dentistry. Indian Journal of Dental Research, 2014, 25, 390.	0.4	14
28	Stress Distribution in Human Zygomatic Pillar Using Three-Dimensional Finite Element Analysis. International Journal of Morphology, 2013, 31, 1386-1392.	0.2	15
29	Emissary Foramina of the Human Skull: Anatomical Characteristics and its Relations with Clinical Neurosurgery. International Journal of Morphology, 2013, 31, 287-292.	0.2	18
30	Pharyngeal airway space and frontal and sphenoid sinus changes after maxillomandibular advancement with counterclockwise rotation for class II anterior open bite malocclusions. Dentomaxillofacial Radiology, 2012, 41, 103-109.	2.7	15
31	Histometric Analysis of Bone Repair in Bone-Implant Interface Using a Polylactic/Polyglycolic Acid Copolymer Associated With Implants in Rabbit Tibia. Journal of Oral Implantology, 2012, 38, 449-457.	1.0	8
32	Orbital aperture morphometry in Brazilian population by postero-anterior Caldwell radiographs. Journal of Clinical Forensic and Legal Medicine, 2012, 19, 470-473.	1.0	9
33	Incidence of Retromolar Foramen in Human Mandibles: Ethnic and Clinical Aspects. International Journal of Morphology, 2012, 30, 1074-1078.	0.2	27
34	Caroticoclinoid Foramen in Human Skulls: Incidence, Morphometry and its Clinical Implications. International Journal of Morphology, 2011, 29, 427-431.	0.2	14
35	Piriform Aperture Morphometry and Nasal Bones Morphology in Brazilian Population by Postero-Anterior Caldwell Radiographs. International Journal of Morphology, 2011, 29, 393-398.	0.2	7
36	Double retromolar foramen during an inferior third molar extraction: a rare case report. Revista Brasileira De Odontologia, 0, 76, 1.	0.0	1

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37	A Novel Classification of the Internal Morphology of Mastoid Emissary Canals and stâ€™s Importance for Surgical Practice: an in Silico Anatomical Study. Journal of Morphological Sciences, 0, 38, 315-320.	0.2	1
38	Incidence of the Anatomical Variations of Mental Foramen in Human Mandibles of a Brazilian Sample. Journal of Morphological Sciences, 0, 38, 287-290.	0.2	1
39	Study of the Mandibular Canal as an Indicator for Sexual Dimorphism. Journal of Morphological Sciences, 0, 38, 282-286.	0.2	1