Alexandre Rodrigues Freire

List of Publications by Year
in descending order

39 papers	**443** citations	**13** h-index
39 all docs	**39** docs citations	**39** times ranked

687363

794594

19 g-index

605 citing authors

#	Article	IF	Citations
1	Alveolar bone healing in rats: micro-CT, immunohistochemical and molecular analysis. Journal of Applied Oral Science, 2018, 26, e20170326.	1.8	44
2	Review of *In Vivo* 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
3	Raloxifene but not alendronate can compensate the impaired osseointegration in osteoporotic rats. Clinical Oral Investigations, 2018, 22, 255-265.	3.0	32
4	Incidence of Retromolar Foramen in Human Mandibles: Ethnic and Clinical Aspects. International Journal of Morphology, 2012, 30, 1074-1078.	0.2	27
5	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
6	Daily melatonin administration improves osseointegration in pinealectomized rats. Journal of Applied Oral Science, 2018, 26, e20170470.	1.8	25
7	The effect of a hydroxyapatite impregnated PCL membrane in rat subcritical calvarial bone defects. Archives of Oral Biology, 2017, 82, 209-215.	1.8	21
8	A SERM increasing the expression of the osteoblastogenesis and mineralization-related proteins and improving quality of bone tissue in an experimental model of osteoporosis. Journal of Applied Oral Science, 2018, 26, e20170329.	1.8	19
9	Emissary Foramens of the Human Skull: Anatomical Characteristics and its Relations with Clinical Neurosurgery. International Journal of Morphology, 2013, 31, 287-292.	0.2	18
10	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
11	Validation of anthropological measures of the human femur for sex estimation in Brazilians. Australian Journal of Forensic Sciences, 2022, 54, 61-74.	1.2	16
12	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
13	Stress Distribution in Human Zygomatic Pillar Using Three-Dimensional Finite Element Analysis. International Journal of Morphology, 2013, 31, 1386-1392.	0.2	15
14	Caroticoclinoid Foramen in Human Skulls: Incidence, Morphometry and its Clinical Implications. International Journal of Morphology, 2011, 29, 427-431.	0.2	14
15	The application of finite element analysis in the skull biomechanics and dentistry. Indian Journal of Dental Research, 2014, 25, 390.	0.4	14
16	Resorptive potential of impacted mandibular third molars: 3D simulation by finite element analysis. Clinical Oral Investigations, 2018, 22, 3195-3203.	3.0	12
17	Application and validation of Diagnose Sexuelle Probabiliste V2 tool in a miscegenated population. Forensic Science International, 2018, 290, 351.e1-351.e5.	2.2	11
18	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

#	Article	IF	Citations
19	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
20	Craniofacial injuries by firearms projectiles: An analysis of 868 deaths in the five regions of Brazil. Journal of Clinical Forensic and Legal Medicine, 2020, 69, 101888.	1.0	8
21	Photoelastic and Finite Element Analyses of Occlusal Loads in Mandibular Body. Anatomy Research International, 2014, 2014, 1-9.	1.1	7
22	Computational Approach to Identify Different Injuries by Firearms. Journal of Forensic Sciences, 2017, 62, 361-368.	1.6	7
23	Piriform Aperture Morphometry and Nasal Bones Morphology in Brazilian Population by Postero-Anterior Caldwell Radiographys. International Journal of Morphology, 2011, 29, 393-398.	0.2	7
24	Association between Facial Type and Mandibular Canal Morphology - Analysis in Digital Panoramic Radiographs. Brazilian Dental Journal, 2016, 27, 609-612.	1.1	5
25	Morphometric and histologic characterization of alveolar bone from hypertensive patients. Clinical Implant Dentistry and Related Research, 2017, 19, 1106-1113.	3.7	5
26	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
27	Computational simulation of projectile injuries to human parietal bone using finite element analysis. Australian Journal of Forensic Sciences, 2019, 51, 446-454.	1.2	4
28	Effects of premature contact in maxillary alveolar bone in rats: relationship between experimental analyses and a micro scale FEA computational simulation study. Clinical Oral Investigations, 2021, 25, 5479-5492.	3.0	4
29	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
30	Systematic review of finite element analysis utilisation in craniofacial gunshot wounds. Australian Journal of Forensic Sciences, 2017, 49, 369-378.	1.2	3
31	Î²-catenin and Its Relation to Alveolar Bone Mechanical Deformation â€" A Study Conducted in Rats With Tooth Extraction. Frontiers in Physiology, 2020, 11, 549.	2.8	3
32	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
33	Biomechanical and morphological analysis of Pierre Robin sequence mandible: Finite element and morphometric study. Anatomical Record, 2021, 304, 1375-1388.	1.4	1
34	Double retromolar foramen during an inferior third molar extraction: a rare case report. Revista Brasileira De Odontologia, 0, 76, 1.	0.0	1
35	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
36	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

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37	Study of the Mandibular Canal as an Indicator for Sexual Dimorphism. Journal of Morphological Sciences, 0, 38, 282-286.	0.2	1
38	Analysis of the Frontal Sinus Morphology and the Titanium Plates Shape in Skull Fracture for Human Identification. International Journal of Odontostomatology, 2016, 10, 303-308.	0.1	0
39	A Different Pattern of Arrangement of the Risorius Muscle Fibers: A Case Report. Cureus, 2022, 14, e22922.	0.5	0