

# Zamri Radzi

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

5,087  
citations

933447

10  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

11818  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Mechanisms of Stress-Responsive Changes in Collagen and Elastin Networks in Skin. <i>Skin Pharmacology and Physiology</i> , 2016, 29, 190-203.	2.5	4,815
2	Design and Development for Capacitive Humidity Sensor Applications of Lead-Free Ca,Mg,Fe,Ti-Oxides-Based Electro-Ceramics with Improved Sensing Properties via Physisorption. <i>Sensors</i> , 2016, 16, 1135.	3.8	101
3	Cellular and Molecular Responses to Mechanical Expansion of Tissue. <i>Frontiers in Physiology</i> , 2016, 7, 540.	2.8	25
4	Characteristics and Young's Modulus of Collagen Fibrils from Expanded Skin Using Anisotropic Controlled Rate Self-Inflating Tissue Expander. <i>Skin Pharmacology and Physiology</i> , 2016, 29, 55-62.	2.5	24
5	Effects of non-surgical rapid maxillary expansion on nasal structures and breathing: A systematic review. <i>International Orthodontics</i> , 2019, 17, 12-19.	1.9	22
6	Synthesis and Characterizations of Novel Ca-Mg-Ti-Fe-Oxides Based Ceramic Nanocrystals and Flexible Film of Polydimethylsiloxane Composite with Improved Mechanical and Dielectric Properties for Sensors. <i>Sensors</i> , 2016, 16, 292.	3.8	19
7	AFM analysis of collagen fibrils in expanded scalp tissue after anisotropic tissue expansion. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1030-1038.	7.5	19
8	Uniformly Porous Nanocrystalline CaMgFe <sub>1.33</sub> Ti <sub>3</sub> O <sub>12</sub> Ceramic Derived Electro-Ceramic Nanocomposite for Impedance Type Humidity Sensor. <i>Sensors</i> , 2016, 16, 2029.	3.8	16
9	Design and development of an in situ synthesized layered double hydroxide structure of Fe-induced hydroxyapatite for drug carriers. <i>RSC Advances</i> , 2016, 6, 25549-25561.	3.6	12
10	Development of biocompatible hydroxyapatite@poly(ethylene glycol) core-shell nanoparticles as an improved drug carrier: structural and electrical characterizations. <i>RSC Advances</i> , 2016, 6, 102853-102868.	3.6	12
11	Dielectric and AC conductivity studies of novel porous armalcolite nanocomposite-based humidity sensor. <i>Journal of the American Ceramic Society</i> , 2017, 100, 5131-5140.	3.8	6
12	Histological changes of immediate skin expansion of the distal limb of rats. <i>Veterinary World</i> , 2018, 11, 1706-1711.	1.7	5
13	The effects of hot pressing on the swelling behavior of P(MMA-co-NVP) hydrogel discs. <i>Polymer Engineering and Science</i> , 2015, 55, 1290-1295.	3.1	3
14	Is there an optimal initial amount of activation for midpalatal suture expansion?. <i>Journal of Orofacial Orthopedics</i> , 2018, 79, 169-179.	1.3	2
15	Effect of Piezoelectric Sutural Osteotomies on Accelerated Bone-Borne Sutural Expansion. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018, 76, 616-630.	1.2	2
16	Biomechanical Effects of Unidirectional Expansion Using Anisotropic Expanders in Horse Skin Tissue. <i>Journal of Equine Veterinary Science</i> , 2021, 99, 103399.	0.9	2
17	Inflammatory Responses in Oro-Maxillofacial Region Expanded Using Anisotropic Hydrogel Tissue Expander. <i>Materials</i> , 2020, 13, 4436.	2.9	1
18	Effect of reconstruction parameters on cone beam CT trabecular bone microstructure quantification in sheep. <i>BMC Oral Health</i> , 2020, 20, 48.	2.3	1

#	ARTICLE	IF	CITATIONS
19	Validation of Cone Beam CT Scan for Measurement of Palatal Depth in Study Casts. IFMBE Proceedings, 2008, , 758-761.	0.3	0
20	Bone-borne accelerated sutural expansion: A microcomputed tomography study in rabbits. American Journal of Orthodontics and Dentofacial Orthopedics, 2018, 154, 260-269.	1.7	0
21	Standardization of Distance and Angulation of Light Curing Unit Tip Using Distometer. IFMBE Proceedings, 2007, , 141-143.	0.3	0
22	The Effect of Light Curing Tip Angulations on the Shear Bond Strength of an Orthodontic Adhesive. IFMBE Proceedings, 2008, , 354-357.	0.3	0