

Noor Azlin Yahya

List of Publications by Year in descending order

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29
papers

5,209
citations

759233

12
h-index

642732

23
g-index

33
all docs

33
docs citations

33
times ranked

11986
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	Probing the improbable: imaging C atoms in alumina. <i>Materials Today</i> , 2010, 13, 34-36.	14.2	99
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	Comparison of Flexural Properties of Bulk-fill Restorative/Flowable Composites and Their Conventional Counterparts. <i>Operative Dentistry</i> , 2020, 45, 41-51.	1.2	23
6	Effect of residual compressive surface stress on severe wear of alumina-silicon carbide two-layered composites. <i>Tribology International</i> , 2014, 74, 87-92.	5.9	22
7	The physicochemical and biomechanical profile of forsterite and its osteogenic potential of mesenchymal stromal cells. <i>PLoS ONE</i> , 2019, 14, e0214212.	2.5	22
8	Influence of C doping on the fracture mode and abrasive wear of Al ₂ O ₃ . <i>Journal of the European Ceramic Society</i> , 2012, 32, 4003-4007.	5.7	21
9	Dynamic and Static Flexural Appraisal of Resin-based Composites: Comparison of the ISO and Mini-flexural Tests. <i>Operative Dentistry</i> , 2018, 43, E223-E231.	1.2	20
10	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
11	Viscoelastic Properties of Contemporary Bulk-fill Restoratives: A Dynamic-mechanical Analysis. <i>Operative Dentistry</i> , 2018, 43, 307-314.	1.2	18
12	Impact of dietary solvents on flexural properties of bulk-fill composites. <i>Saudi Dental Journal</i> , 2018, 30, 232-239.	1.6	17
13	Zinc and Metallothionein in the Development and Progression of Dental Caries. <i>Biological Trace Element Research</i> , 2019, 187, 51-58.	3.5	15
14	Impact of light-curing distance on the effectiveness of cure of bulk-fill resin-based composites. <i>Saudi Dental Journal</i> , 2021, 33, 1184-1189.	1.6	12
15	Dynamic analysis of bulk-fill composites: Effect of food-simulating liquids. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 74, 183-188.	3.1	10
16	Stiffness, strength and interwall sliding in aligned and continuous multi-walled carbon nanotube/glass composite microcantilevers. <i>Acta Materialia</i> , 2015, 100, 118-125.	7.9	9
17	Effects of carbon doping on the microstructural, micro/nano-mechanical, and mesenchymal stromal cells biocompatibility and osteogenic differentiation properties of alumina. <i>Ceramics International</i> , 2016, 42, 18247-18256.	4.8	9
18	Effect of resin coating on highly viscous glass ionomer cements: A dynamic analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 113, 104120.	3.1	9

#	ARTICLE	IF	CITATIONS
19	Degradation of Computer-aided Design/Computer-aided Manufacturing Composites by Dietary Solvents: An Optical Three-dimensional Surface Analysis. Operative Dentistry, 2020, 45, E176-E184.	1.2	8
20	Dynamic Viscoelastic Characterization of Bulk-fill Resin-based Composites and Their Conventional Counterparts. Operative Dentistry, 2020, 45, 173-182.	1.2	6
21	Influence of scaler tip design on root surface roughness, tooth substance loss and patients' pain perception: an in vitro and a randomised clinical trial. BMC Oral Health, 2021, 21, 169.	2.3	3
22	The Facial Soft Tissue Simulation of Orthognathic Surgery Using Biomechanical Model. IFMBE Proceedings, 2008, , 751-757.	0.3	2
23	Silverfil: Its Physical Characterization. IFMBE Proceedings, 2007, , 134-136.	0.3	1
24	Validation of Cone Beam CT Scan for Measurement of Palatal Depth in Study Casts. IFMBE Proceedings, 2008, , 758-761.	0.3	0
25	Standardization of Distance and Angulation of Light Curing Unit Tip Using Distometer. IFMBE Proceedings, 2007, , 141-143.	0.3	0
26	A Finite Element Approach for the Planning and Simulation of 3D Reconstruction of Maxillofacial Deformities. IFMBE Proceedings, 2008, , 727-729.	0.3	0
27	Push-out Bond Strength of Luting Agents to Fibre-Reinforced Post: an in vitro Study. IFMBE Proceedings, 2008, , 341-345.	0.3	0
28	The Effect of Light Curing Tip Angulations on the Shear Bond Strength of an Orthodontic Adhesive. IFMBE Proceedings, 2008, , 354-357.	0.3	0
29	Effect of Resin Coating on Surface Roughness and Microhardness of High Viscous Glass Ionomer Cements. Archives of Orofacial Sciences, 2021, 16, 209-221.	0.1	0