

Juan C Cardona

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8554336/publications.pdf>

Version: 2024-02-01

30
papers

796
citations

759055

12
h-index

752573

20
g-index

31
all docs

31
docs citations

31
times ranked

975
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Behavior of Human Skin Substitutes: Absorbance in the 200–400 nm UV Range. <i>Biomedicines</i> , 2022, 10, 1640.	1.4	4
2	Impact of short-term dental dehydration on in-vivo dental color and whiteness. <i>Journal of Dentistry</i> , 2021, 105, 103560.	1.7	12
3	Evaluation of the optical and biomechanical properties of bioengineered human skin generated with fibrin-agarose biomaterials. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	1.4	14
4	Influence of Bleaching and Aging Procedures on Color and Whiteness of Dental Composites. <i>Operative Dentistry</i> , 2019, 44, 648-658.	0.6	43
5	Variations of the optical properties of two types of contact lenses with dehydration. , 2019, , .		1
6	Determination of the optical properties in transparent conductive electrodes based on an indium-tin oxide coating using the IAD method. , 2019, , .		0
7	Controlling the 3D architecture of Self-Lifting Auto-generated Tissue Equivalents (SLATEs) for optimized corneal graft composition and stability. <i>Biomaterials</i> , 2017, 121, 205-219.	5.7	40
8	Optical properties of an anterior lamellar human cornea model based on fibrin-agarose. , 2017, , .		2
9	Researching in biomaterials optics. , 2017, , .		1
10	Relevant optical properties for direct restorative materials. <i>Dental Materials</i> , 2016, 32, e105-e112.	1.6	41
11	Predictive algorithms for determination of reflectance data from quantity of pigments within experimental dental resin composites. <i>BioMedical Engineering OnLine</i> , 2015, 14, S4.	1.3	7
12	Effectiveness of Different Mechanical Methods on Dentin Caries Removal: Micro-CT and Digital Image Evaluation. <i>Operative Dentistry</i> , 2015, 40, 263-270.	0.6	8
13	Colour parameters and shade correspondence of CAD–CAM ceramic systems. <i>Journal of Dentistry</i> , 2015, 43, 726-734.	1.7	60
14	Optical behavior of dental zirconia and dentin analyzed by Kubelka–Munk theory. <i>Dental Materials</i> , 2015, 31, 60-67.	1.6	63
15	Photographic-Based Optical Evaluation of Tissues and Biomaterials Used for Corneal Surface Repair: A New Easy-Applied Method. <i>PLoS ONE</i> , 2015, 10, e0142099.	1.1	6
16	Course for undergraduate students: analysis of the retinal image quality of a human eye model. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
17	Digital image analysis method to assess the performance of conventional and self-limiting concepts in dentine caries removal. <i>Journal of Dentistry</i> , 2013, 41, e31-e38.	1.7	5
18	Color Fuzzy Set Design for dental applications. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	Evaluation of Small Intestine Grafts Decellularization Methods for Corneal Tissue Engineering. PLoS ONE, 2013, 8, e66538.	1.1	76
20	Color and translucency of zirconia ceramics, human dentine and bovine dentine. Journal of Dentistry, 2012, 40, e34-e40.	1.7	102
21	Using Takagi-Sugeno-Kang approximation fuzzy logic for evaluating the performance of color difference formulas in dentistry. , 2011, , .		1
22	Generation of Bioengineered Corneas with Decellularized Xenografts and Human Keratocytes. , 2011, 52, 215.		107
23	Transparency in a Fibrin and Fibrin-agarose Corneal Stroma Substitute Generated by Tissue Engineering. Cornea, 2011, 30, 1428-1435.	0.9	33
24	Changes in scattering and absorption during curing of denta-resin composites: silorane and nanocomposite. Proceedings of SPIE, 2011, , .	0.8	0
25	Investigating a novel nanostructured fibrin-agarose biomaterial for human cornea tissue engineering: Rheological properties. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 1963-1973.	1.5	58
26	UV Absorbance of a Bioengineered Corneal Stroma Substitute in the 240-400 nm Range. Cornea, 2010, 29, 895-898.	0.9	17
27	Prediction of color change after tooth bleaching using fuzzy logic for Vita Classical shades identification. Applied Optics, 2010, 49, 422.	2.1	31
28	Prevalence of refractive errors in school-age children in Morocco. Clinical and Experimental Ophthalmology, 2009, 37, 191-196.	1.3	44
29	Prevalence of Refractive Errors in School-Age Children in Burkina Faso. Japanese Journal of Ophthalmology, 2006, 50, 483-484.	0.9	9
30	Integrating-sphere measurements for determining optical properties of tissue-engineered oral mucosa. Journal of the European Optical Society-Rapid Publications, 0, 10, .	0.9	9