Juan C Cardona

List of Publications by Year
in descending order

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30	796	759055 12	752573 20
papers	citations	h-index	g-index

31	31	31	975
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generation of Bioengineered Corneas with Decellularized Xenografts and Human Keratocytes. , 2011, 52, 215.		107
2	Color and translucency of zirconia ceramics, human dentine and bovine dentine. Journal of Dentistry, 2012, 40, e34-e40.	1.7	102
3	Evaluation of Small Intestine Grafts Decellularization Methods for Corneal Tissue Engineering. PLoS ONE, 2013, 8, e66538.	1.1	76
4	Optical behavior of dental zirconia and dentin analyzed by Kubelkaâ€“Munk theory. Dental Materials, 2015, 31, 60-67.	1.6	63
5	Colour parameters and shade correspondence of CADâ€“CAM ceramic systems. Journal of Dentistry, 2015, 43, 726-734.	1.7	60
6	Investigating a novel nanostructured fibrinâ€“agarose biomaterial for human cornea tissue engineering: Rheological properties. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 1963-1973.	1.5	58
7	Prevalence of refractive errors in schoolâ€age children in Morocco. Clinical and Experimental Ophthalmology, 2009, 37, 191-196.	1.3	44
8	Influence of Bleaching and Aging Procedures on Color and Whiteness of Dental Composites. Operative Dentistry, 2019, 44, 648-658.	0.6	43
9	Relevant optical properties for direct restorative materials. Dental Materials, 2016, 32, e105-e112.	1.6	41
10	Controlling the 3D architecture of Self-Lifting Auto-generated Tissue Equivalents (SLATEs) for optimized corneal graft composition and stability. Biomaterials, 2017, 121, 205-219.	5.7	40
11	Transparency in a Fibrin and Fibrinâ€“Agarose Corneal Stroma Substitute Generated by Tissue Engineering. Cornea, 2011, 30, 1428-1435.	0.9	33
12	Prediction of color change after tooth bleaching using fuzzy logic for Vita Classical shades identification. Applied Optics, 2010, 49, 422.	2.1	31
13	UV Absorbance of a Bioengineered Corneal Stroma Substitute in the 240-400 nm Range. Cornea, 2010, 29, 895-898.	0.9	17
14	Evaluation of the optical and biomechanical properties of bioengineered human skin generated with fibrin-agarose biomaterials. Journal of Biomedical Optics, 2020, 25, 1.	1.4	14
15	Impact of short-term dental dehydration on in-vivo dental color and whiteness. Journal of Dentistry, 2021, 105, 103560.	1.7	12
16	Prevalence of Refractive Errors in School-Age Children in Burkina Faso. Japanese Journal of Ophthalmology, 2006, 50, 483-484.	0.9	9
17	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
18	Effectiveness of Different Mechanical Methods on Dentin Caries Removal: Micro-CT and Digital Image Evaluation. Operative Dentistry, 2015, 40, 263-270.	0.6	8

#	Article	IF	Citations
19	Predictive algorithms for determination of reflectance data from quantity of pigments within experimental dental resin composites. BioMedical Engineering OnLine, 2015, 14, S4.	1.3	7
20	Photographic-Based Optical Evaluation of Tissues and Biomaterials Used for Corneal Surface Repair: A New Easy-Applied Method. PLoS ONE, 2015, 10, e0142099.	1.1	6
21	Digital image analysis method to assess the performance of conventional and self-limiting concepts in dentine caries removal. Journal of Dentistry, 2013, 41, e31-e38.	1.7	5
22	Optical Behavior of Human Skin Substitutes: Absorbance in the 200â€“400 nm UV Range. Biomedicines, 2022, 10, 1640.	1.4	4
23	Color Fuzzy Set Design for dental applications. , 2013, , .		2
24	Optical properties of an anterior lamellar human cornea model based on fibrin-agarose. , 2017, , .		2
25	Using Takagi-Sugeno-Kang approximation fuzzy logic for evaluating the performance of color difference formulas in dentistry. , 2011, , .		1
26	Researching in biomaterials optics. , 2017, , .		1
27	Variations of the optical properties of two types of contact lenses with dehydration. , 2019, , .		1
28	Changes in scattering and absorption during curing of denta-resin composites: silorane and nanocomposite. Proceedings of SPIE, 2011, , .	0.8	0
29	Course for undergraduate students: analysis of the retinal image quality of a human eye model. Proceedings of SPIE, 2014, , .	0.8	0
30	Determination of the optical properties in transparent conductive electrodes based on an indium-tin oxide coating using the IAD method. , 2019, , .		0