

# Oscar E Pecho

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,409  
citations

394421

19  
h-index

395702

33  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of artificial intelligence in dentistry: A comprehensive review. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 259-280.	3.8	71
2	Color Change of Resin-based Composites After <i>In Vitro</i> Bleaching Protocols: A Systematic Review and Meta-analysis. <i>Operative Dentistry</i> , 2022, 47, 149-162.	1.2	7
3	Comparison of visual shade matching and photographic shade analysis. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 374-382.	3.8	5
4	Effect of substrate and cement on the final color of zirconia-based all-ceramic crowns. <i>Journal of Esthetic and Restorative Dentistry</i> , 2021, 33, 891-898.	3.8	7
5	Efficacy of color discrimination tests used in dentistry. <i>Journal of Esthetic and Restorative Dentistry</i> , 2021, 33, 865-873.	3.8	13
6	Influence of a glycolic acid-based final irrigant for photosensitizer removal of photodynamic therapy on the microhardness and colour change of the dentin structure. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102151.	2.6	2
7	Influence of background color on color perception in dentistry. <i>Journal of Dentistry</i> , 2021, 108, 103640.	4.1	14
8	Experimental methodologies to evaluate the masking ability of dental materials: A systematic review. <i>Journal of Esthetic and Restorative Dentistry</i> , 2021, 33, 1118-1131.	3.8	7
9	Does background color influence visual thresholds?. <i>Journal of Dentistry</i> , 2020, 102, 103475.	4.1	20
10	Influence of the photoactivation distance on the color and whiteness stability of resin-based composite after bleaching and aging. <i>Journal of Dentistry</i> , 2020, 99, 103408.	4.1	12
11	Intraoral repair of a chipped porcelain-zirconia restoration. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020, 32, 444-450.	3.8	4
12	Effect of cementation on the mechanical behavior of a nanoceramic resin. <i>Ceramica</i> , 2020, 66, 236-242.	0.8	2
13	Recent Advances in Color and Whiteness Evaluations in Dentistry. <i>Current Research in Dentistry</i> , 2019, 1, 23-29.	1.0	49
14	Optical and colorimetric evaluation of a multi-color polymer-infiltrated ceramic-network material. <i>Dental Materials</i> , 2019, 35, e131-e139.	3.5	22
15	Influence of Bleaching and Aging Procedures on Color and Whiteness of Dental Composites. <i>Operative Dentistry</i> , 2019, 44, 648-658.	1.2	43
16	Masking ability of indirect restorative systems on tooth-colored resin substrates. <i>Dental Materials</i> , 2019, 35, e122-e130.	3.5	26
17	Whiteness difference thresholds in dentistry. <i>Dental Materials</i> , 2019, 35, 292-297.	3.5	107
18	Effect of hydrogen peroxide on color and whiteness of resin-based composites. <i>Journal of Esthetic and Restorative Dentistry</i> , 2019, 31, 132-139.	3.8	30

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19	Influence of composite type and light irradiance on color stability after immersion in different beverages. <i>Journal of Esthetic and Restorative Dentistry</i> , 2018, 30, 390-396.	3.8	41
20	How heating and surface finishing affect the crystalline and mechanical properties of CAD/CAM dental lithium disilicate glass ceramic. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e266-e266.	0.1	0
21	Influence of Gender on Visual Shade Matching in Dentistry. <i>Journal of Esthetic and Restorative Dentistry</i> , 2017, 29, E15-E23.	3.8	53
22	Influência dos agentes clareadores na dureza e cor de materiais restauradores diretos. <i>Revista Da Faculdade De Odontologia (Universidade De Passo Fundo)</i> , 2017, 22, .	0.2	0
23	Researching in biomaterials optics. , 2017, , .		1
24	Optical properties of supra-nano spherical filled resin composites compared to nanofilled, nano-hybrid and micro-hybrid composites. <i>Dental Materials Journal</i> , 2016, 35, 353-359.	1.8	29
25	Relevant optical properties for direct restorative materials. <i>Dental Materials</i> , 2016, 32, e105-e112.	3.5	41
26	Lightness, chroma and hue differences on visual shade matching. <i>Dental Materials</i> , 2016, 32, 1362-1373.	3.5	46
27	Visual and instrumental shade matching using CIELAB and CIEDE2000 color difference formulas. <i>Dental Materials</i> , 2016, 32, 82-92.	3.5	156
28	Predictive algorithms for determination of reflectance data from quantity of pigments within experimental dental resin composites. <i>BioMedical Engineering OnLine</i> , 2015, 14, S4.	2.7	7
29	Zirconia as a Dental Biomaterial. <i>Materials</i> , 2015, 8, 4978-4991.	2.9	159
30	Colour parameters and shade correspondence of CAD/CAM ceramic systems. <i>Journal of Dentistry</i> , 2015, 43, 726-734.	4.1	60
31	Optical behavior of dental zirconia and dentin analyzed by Kubelka-Munk theory. <i>Dental Materials</i> , 2015, 31, 60-67.	3.5	63
32	Adhesion to Dental Ceramics. <i>Current Oral Health Reports</i> , 2014, 1, 232-238.	1.6	16
33	Optical properties of CAD/CAM ceramic systems. <i>Journal of Dentistry</i> , 2014, 42, 1202-1209.	4.1	163
34	Color Fuzzy Set Design for dental applications. , 2013, , .		2
35	Rugometric and microtopographic non-invasive inspection in dental-resin composites and zirconia ceramics. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
36	Measurements of scattering anisotropy in dental tissue and zirconia ceramic. <i>Proceedings of SPIE</i> , 2012, , .	0.8	3

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37	Color and translucency of zirconia ceramics, human dentine and bovine dentine. Journal of Dentistry, 2012, 40, e34-e40.	4.1	102
38	Measurements of optical polarization properties in dental tissues and biomaterials. Proceedings of SPIE, 2011, , .	0.8	0
39	Influence of surface roughness on the color of dental-resin composites. Journal of Zhejiang University: Science B, 2011, 12, 552-562.	2.8	26