

Nazif Demoli

List of Publications by Year in descending order

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43
papers

555
citations

687363

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642732

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43
all docs

43
docs citations

43
times ranked

355
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic digital holographic interferometry with three wavelengths. <i>Optics Express</i> , 2003, 11, 767.	3.4	114
2	Comparison of Composite Curing Parameters: Effects of Light Source and Curing Mode on Conversion, Temperature Rise and Polymerization Shrinkage. <i>Operative Dentistry</i> , 2006, 31, 219-226.	1.2	59
3	Dynamic modal characterization of musical instruments using digital holography. <i>Optics Express</i> , 2005, 13, 4812.	3.4	47
4	Subtraction digital holography. <i>Applied Optics</i> , 2003, 42, 798.	2.1	45
5	Detection of hidden stationary deformations of vibrating surfaces by use of time-averaged digital holographic interferometry. <i>Optics Letters</i> , 2004, 29, 2423.	3.3	43
6	Real-time monitoring of vibration fringe patterns by optical reconstruction of digital holograms: mode beating detection. <i>Optics Express</i> , 2006, 14, 2117.	3.4	30
7	Digital interferometry for measuring of the resin composite thickness variation during blue light polymerization. <i>Optics Communications</i> , 2004, 231, 45-51.	2.1	22
8	Undersampled digital holography. <i>Optics Express</i> , 2009, 17, 15842.	3.4	19
9	Composite Photopolymerization with Diode Laser. <i>Operative Dentistry</i> , 2007, 32, 279-284.	1.2	17
10	Refined Fourier-transform method of analysis of full two-dimensional digitized interferograms. <i>Applied Optics</i> , 2003, 42, 1477.	2.1	16
11	Remineralizing amorphous calcium phosphate based composite resins: the influence of inert fillers on monomer conversion, polymerization shrinkage, and microhardness. <i>Croatian Medical Journal</i> , 2016, 57, 465-473.	0.7	15
12	Properties of axially loaded implantâ€™abutment assemblies using digital holographic interferometry analysis. <i>Dental Materials</i> , 2014, 30, e17-e27.	3.5	14
13	Digital holography at light levels below noise using a photon-counting approach. <i>Optics Letters</i> , 2014, 39, 5010.	3.3	13
14	Time-averaged photon-counting digital holography. <i>Optics Letters</i> , 2015, 40, 4245.	3.3	11
15	Holographic Techniques Application in Analysing Cuneiform Inscriptions. <i>Journal of Modern Optics</i> , 1995, 42, 191-195.	1.3	9
16	Effective procedure for determination of unknown vibration frequency and phase using time-averaged digital holography. <i>Optics Express</i> , 2017, 25, 10241.	3.4	8
17	Effects of Curing Modes on the Microhardness of Resin-Modified Glass Ionomer Cements. <i>Acta Stomatologica Croatica</i> , 2019, 53, 37-46.	1.0	8
18	White light reconstruction of image plane digital holograms. <i>Optics Express</i> , 2010, 18, 12675.	3.4	6

#	ARTICLE	IF	CITATIONS
19	Dimensional Changes of Glass Ionomers and a Ciomer during the Setting Time. Acta Stomatologica Croatica, 2018, 52, 298-306.	1.0	6
20	Characterization of the cuneiform signs by the use of a multifunctional optoelectronic device. Applied Optics, 1996, 35, 5811.	2.1	5
21	Measuring surface vibrations of musical instruments using an inexpensive digital holography device. Optical Engineering, 2005, 44, 090502.	1.0	5
22	Visualization of Marginal Integrity of Resin-Enamel Interface by Holographic Interferometry. Operative Dentistry, 2007, 32, 266-272.	1.2	5
23	Enhanced sensitivity digital holographic interferometry. Optics Express, 2007, 15, 10672.	3.4	5
24	Use of optical fiber bundle in digital image plane holography. Optical and Quantum Electronics, 2013, 45, 861-871.	3.3	5
25	Measurement of linear polymerization contraction using digital laser interferometry. Operative Dentistry, 2005, 30, 346-52.	1.2	5
26	Optische Zeichenerkennung an Keilschriften mit Hilfe holographischer Filterung. Die Naturwissenschaften, 1995, 82, 395-402.	1.6	4
27	Some investigations in holographic microscopic interferometry with respect to the estimation of stress and strain in micro-opto-electro-mechanical systems (MOEMS). Optics and Lasers in Engineering, 2001, 36, 475-485.	3.8	4
28	Recognition of cuneiform inscription signs by use of a hybrid-optoelectronic correlator device. Applied Optics, 2002, 41, 4762.	2.1	3
29	Time-averaged holographic interferometry using subtraction digital holography. , 2004, , .		3
30	Digital holography using LCOS microdisplay as input three-dimensional object. Optik, 2019, 194, 162877.	2.9	3
31	Properties of quasi phase-only matched spatial filters. Optical Engineering, 1992, 31, 275.	1.0	2
32	Correlation and image moment approaches to analyze the Glagolitic script carved in stone tablets. Optik, 2013, 124, 1424-1430.	2.9	2
33	<title>Evaluation of deformation vectors in holographic interferometric microscopy with conjugated reconstruction</title>. , 1996, 2951, 47.		1
34	Sensitivity increase in digital holographic interferometry. Proceedings of SPIE, 2008, , .	0.8	1
35	<title>Extended optical correlator system: properties and applications</title>. , 1993, 2108, 449.		0
36	Applications of time-averaged digital holographic interferometry. , 2006, , 464-471.		0

#	ARTICLE	IF	CITATIONS
37	Optical approach in characterizing dental biomaterials. , 2013, , .		0
38	Photon counting digital holography. Proceedings of SPIE, 2016, , .	0.8	0
39	Time-averaged Holography Using Photon-counting Approach. , 2016, , .		0
40	Digital Holography at Restricted Conditions and Photon Counting Approach. , 2019, , .		0
41	Measuring tooth vibrations induced during cavity preparation with time-averaged holography and its influence on near vision acuity in dentists. Dental Materials Journal, 2021, 40, 123-128.	1.8	0
42	Cuneiform Recognition Experiments: Coherent Optical Methods and Results. , 1997, , 171-174.		0
43	Linearity and Optimum-Sampling in Photon-Counting Digital Holographic Microscopy. Photonics, 2022, 9, 68.	2.0	0