

Nazif Demoli

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Linearity and Optimum-Sampling in Photon-Counting Digital Holographic Microscopy. <i>Photonics</i> , 2022, 9, 68.	2.0	0
2	Measuring tooth vibrations induced during cavity preparation with time-averaged holography and its influence on near vision acuity in dentists. <i>Dental Materials Journal</i> , 2021, 40, 123-128.	1.8	0
3	Digital holography using LCOS microdisplay as input three-dimensional object. <i>Optik</i> , 2019, 194, 162877.	2.9	3
4	Digital Holography at Restricted Conditions and Photon Counting Approach. , 2019, , .		0
5	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
6	Dimensional Changes of Glass Ionomers and a Giomer during the Setting Time. <i>Acta Stomatologica Croatica</i> , 2018, 52, 298-306.	1.0	6
7	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
8	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
9	Photon counting digital holography. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
10	Time-averaged Holography Using Photon-counting Approach. , 2016, , .		0
11	Time-averaged photon-counting digital holography. <i>Optics Letters</i> , 2015, 40, 4245.	3.3	11
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	Use of optical fiber bundle in digital image plane holography. <i>Optical and Quantum Electronics</i> , 2013, 45, 861-871.	3.3	5
15	Correlation and image moment approaches to analyze the Glagolitic script carved in stone tablets. <i>Optik</i> , 2013, 124, 1424-1430.	2.9	2
16	Optical approach in characterizing dental biomaterials. , 2013, , .		0
17	White light reconstruction of image plane digital holograms. <i>Optics Express</i> , 2010, 18, 12675.	3.4	6
18	Undersampled digital holography. <i>Optics Express</i> , 2009, 17, 15842.	3.4	19

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19	Sensitivity increase in digital holographic interferometry. Proceedings of SPIE, 2008, , .	0.8	1
20	Visualization of Marginal Integrity of Resin-Enamel Interface by Holographic Interferometry. Operative Dentistry, 2007, 32, 266-272.	1.2	5
21	Composite Photopolymerization with Diode Laser. Operative Dentistry, 2007, 32, 279-284.	1.2	17
22	Enhanced sensitivity digital holographic interferometry. Optics Express, 2007, 15, 10672.	3.4	5
23	Applications of time-averaged digital holographic interferometry. , 2006, , 464-471.		0
24	Real-time monitoring of vibration fringe patterns by optical reconstruction of digital holograms: mode beating detection. Optics Express, 2006, 14, 2117.	3.4	30
25	Comparison of Composite Curing Parameters: Effects of Light Source and Curing Mode on Conversion, Temperature Rise and Polymerization Shrinkage. Operative Dentistry, 2006, 31, 219-226.	1.2	59
26	Measuring surface vibrations of musical instruments using an inexpensive digital holography device. Optical Engineering, 2005, 44, 090502.	1.0	5
27	Dynamic modal characterization of musical instruments using digital holography. Optics Express, 2005, 13, 4812.	3.4	47
28	Measurement of linear polymerization contraction using digital laser interferometry. Operative Dentistry, 2005, 30, 346-52.	1.2	5
29	Digital interferometry for measuring of the resin composite thickness variation during blue light polymerization. Optics Communications, 2004, 231, 45-51.	2.1	22
30	Time-averaged holographic interferometry using subtraction digital holography. , 2004, , .		3
31	Detection of hidden stationary deformations of vibrating surfaces by use of time-averaged digital holographic interferometry. Optics Letters, 2004, 29, 2423.	3.3	43
32	Subtraction digital holography. Applied Optics, 2003, 42, 798.	2.1	45
33	Refined Fourier-transform method of analysis of full two-dimensional digitized interferograms. Applied Optics, 2003, 42, 1477.	2.1	16
34	Dynamic digital holographic interferometry with three wavelengths. Optics Express, 2003, 11, 767.	3.4	114
35	Recognition of cuneiform inscription signs by use of a hybrid-optoelectronic correlator device. Applied Optics, 2002, 41, 4762.	2.1	3
36	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

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37	Cuneiform Recognition Experiments: Coherent Optical Methods and Results. , 1997, , 171-174.		0
38	Characterization of the cuneiform signs by the use of a multifunctional optoelectronic device. Applied Optics, 1996, 35, 5811.	2.1	5
39	<title>Evaluation of deformation vectors in holographic interferometric microscopy with conjugated reconstruction</title>. , 1996, 2951, 47.		1
40	Optische Zeichenerkennung an Keilschriften mit Hilfe holographischer Filterung. Die Naturwissenschaften, 1995, 82, 395-402.	1.6	4
41	Holographic Techniques Application in Analysing Cuneiform Inscriptions. Journal of Modern Optics, 1995, 42, 191-195.	1.3	9
42	<title>Extended optical correlator system: properties and applications</title>. , 1993, 2108, 449.		0
43	Properties of quasi phase-only matched spatial filters. Optical Engineering, 1992, 31, 275.	1.0	2