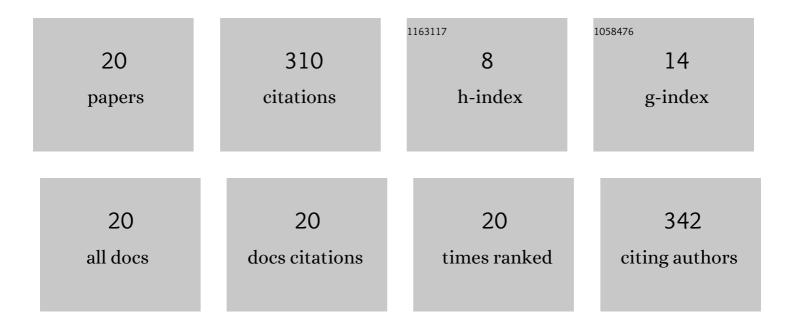
Athanasios D Zacharopoulos

List of Publications by Year in descending order

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ATHANASIOS D

#	Article	IF	CITATIONS
1	Micro-Computed Tomographic Evaluation of Canal Transportation and Centering Ability of 4 Heat-Treated Nickel-Titanium Systems. Journal of Endodontics, 2020, 46, 675-681.	3.1	24
2	Demonstrating Improved Multiple Transportâ€Meanâ€Freeâ€Path Imaging Capabilities of Light Sheet Microscopy in the Quantification of Fluorescence Dynamics. Biotechnology Journal, 2018, 13, 1700419.	3.5	6
3	Fluorescence Diffusion in the Presence of Optically Clear Tissues in a Mouse Head Model. IEEE Transactions on Medical Imaging, 2017, 36, 1086-1093.	8.9	7
4	The role of cerebral spinal fluid in light propagation through the mouse head: improving fluorescence tomography with Monte Carlo modeling. , 2016, , .		2
5	Phase-retrieved optical projection tomography for 3D imaging through scattering layers. Proceedings of SPIE, 2016, , .	0.8	0
6	Light propagation through weakly scattering media: a study of Monte Carlo vs. diffusion theory with application to neuroimaging. Proceedings of SPIE, 2015, , .	0.8	1
7	A Customized Light Sheet Microscope to Measure Spatio-Temporal Protein Dynamics in Small Model Organisms. PLoS ONE, 2015, 10, e0127869.	2.5	25
8	Light propagation through weakly scattering media. A study of Monte Carlo vs. Diffusion Theory with application to Neuroimaging. , 2015, , .		4
9	Optical projection tomography and light sheet microscopy for imaging in biological specimens a comparison study. , 2014, , .		Ο
10	Development of a three-dimensional surface imaging system for melanocytic skin lesion evaluation. Journal of Biomedical Optics, 2013, 18, 016009.	2.6	3
11	Fabrication and characterization of a 3-D non-homogeneous tissue-like mouse phantom for optical imaging. , 2013, , .		6
12	Kinetics of T-cell receptor-dependent antigen recognition determined <i>in vivo</i> by multi-spectral normalized epifluorescence laser scanning. Journal of Biomedical Optics, 2012, 17, 0760131.	2.6	1
13	Development of in-vivo fluorescence imaging with the Matrix-Free method. Journal of Physics: Conference Series, 2010, 255, 012006.	0.4	5
14	A matrix-free algorithm for multiple wavelength fluorescence tomography. Optics Express, 2009, 17, 3042.	3.4	40
15	3D shape based reconstruction of experimental data in Diffuse Optical Tomography. Optics Express, 2009, 17, 18940.	3.4	24
16	Parameter and structure reconstruction in optical tomography. Journal of Physics: Conference Series, 2008, 135, 012001.	0.4	12
17	Multispectral Fluorescence Enhanced Diffuse Optical Tomography Evaluated with Weight Matrix Free Algorithm. , 2008, , .		0
18	Reconstruction of subdomain boundaries of piecewise constant coefficients of the radiative transfer equation from optical tomography data. Inverse Problems, 2006, 22, 2175-2196.	2.0	26

#	Article	IF	CITATIONS
19	Diffuse photon propagation in multilayered geometries. Physics in Medicine and Biology, 2006, 51, 497-516.	3.0	56
20	Three-dimensional reconstruction of shape and piecewise constant region values for optical tomography using spherical harmonic parametrization and a boundary element method. Inverse Problems, 2006, 22, 1509-1532.	2.0	68