

Naren Naik

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	$\hat{\Gamma}$ -SP _N approximation for numerical modeling of directional sources and scattering. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2021, 38, 1681.	0.8	1
2	RBF level-set based fully-nonlinear fluorescence photoacoustic pharmacokinetic tomography. Inverse Problems in Science and Engineering, 2021, 29, 3227-3260.	1.2	1
3	3D fluorescence optical tomography with directed sources using the $\hat{\Gamma}$ -SP3 approximation. , 2021, , .		1
4	Gradient filter reconstruction approach to fluorescence photoacoustic-based pharmacokinetic tomography. , 2021, , .		0
5	Modelling, Design and Validation of Spatially Resolved Reflectance Based Fiber Optic Probe for Epithelial Precancer Diagnostics. Applied Sciences (Switzerland), 2020, 10, 8836.	1.3	3
6	Gradient-based one-step fluorescence photoacoustic tomography. Applied Optics, 2020, 59, 4357.	0.9	5
7	One-step fluorescence photoacoustic tomography with the optical radiative transfer model. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, 1175.	0.8	1
8	RBF level-set based fluorescence photoacoustic pharmacokinetic tomography. , 2020, , .		1
9	Second-order adjoint sensitivities for fluorescence optical tomography based on the SPN approximation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 1003.	0.8	3
10	Comparative study of one-step and two-step quantitative fluorescence photoacoustic tomography. Applied Optics, 2019, 58, 3116.	0.9	7
11	Inherent error estimates for noisy-data discrimination and filter-specification in universal back-projection based photo-acoustic tomography. Biomedical Physics and Engineering Express, 2018, 4, 035022.	0.6	1
12	Parameterized level-set based pharmacokinetic fluorescence optical tomography using the regularized Gauss-Newton filter. Journal of Biomedical Optics, 2018, 24, 1.	1.4	6
13	Fully Nonlinear $\{SP\}_3$ Approximation Based Fluorescence Optical Tomography. IEEE Transactions on Medical Imaging, 2017, 36, 2308-2318.	5.4	13
14	Performance of Error Estimates on Noisy Photoacoustic Data for Universal Backprojection Based Photoacoustic Tomography. , 2016, , .		1
15	One Step Quantitative Fluorescence Photoacoustic Tomography. , 2016, , .		3
16	Joint optimization of SINR and power allocation to relays in cluster-based wireless sensor networks. , 2014, , .		1
17	A Nonlinear Iterative Reconstruction and Analysis Approach to Shape-Based Approximate Electromagnetic Tomography. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 1558-1574.	2.7	16