

Antonio Miguel Caravaca-Aguirre

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,441
citations

759233

12
h-index

940533

16
g-index

33
all docs

33
docs citations

33
times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical memory effect in square multimode fibers. Optics Letters, 2021, 46, 4924.	3.3	4
2	Single-shot hybrid photoacoustic-fluorescent microendoscopy through a multimode fiber with wavefront shaping. Biomedical Optics Express, 2020, 11, 5717.	2.9	24
3	Multimodal endo-microscopy using multimode fibers. , 2020, , .		0
4	Hybrid photoacoustic-fluorescence microendoscopy through a multimode fiber using speckle illumination. APL Photonics, 2019, 4, .	5.7	35
5	Optical resolution photoacoustic microscopy and fluorescence imaging with a multimode fiber. , 2019, , .		0
6	Minimally invasive multimode optical fiber microendoscope for deep brain fluorescence imaging. Biomedical Optics Express, 2018, 9, 1492.	2.9	132
7	Adaptive wavefront shaping for controlling nonlinear multimode interactions in optical fibres. Nature Photonics, 2018, 12, 368-374.	31.4	117
8	Speckle based optical-resolution photoacoustic endoscopy (Conference Presentation). , 2018, , .		2
9	Adaptive Wave-front shaping in Linear and Nonlinear Complex Media. , 2018, , .		2
10	Single multimode fiber endoscope. Optics Express, 2017, 25, 1656.	3.4	102
11	Thermal expansion feedback for wave-front shaping. Optics Express, 2017, 25, 6122.	3.4	5
12	Single fiber endoscopy for deep brain imaging. , 2017, , .		0
13	Speckle Statistics for Single Fiber Endoscopy. , 2017, , .		0
14	Wave-front shaping for nonlinear light propagation in multimode fibers. , 2017, , .		0
15	Focusing Through a Multimode Fiber with Selective Mode Control. , 2017, , .		1
16	Wavefront shaping for single fiber fluorescence endoscopy. , 2016, , .		0
17	High-speed phase modulation using the DLP: application in imaging through complex media. Proceedings of SPIE, 2015, , .	0.8	1
18	Super-resolution photoacoustic imaging through a scattering wall. Nature Communications, 2015, 6, 7902.	12.8	65

#	ARTICLE	IF	CITATIONS
19	Robustness of multimode fiber focusing through wavefront shaping. , 2014, , .		0
20	Laser speckle contrast imaging with extended depth of field for in-vivo tissue imaging. Biomedical Optics Express, 2014, 5, 123.	2.9	24
21	High-Speed Phase Modulation for Multimode Fiber Endoscope. , 2014, , .		0
22	Three-dimensional photoacoustic imaging through scattering media. , 2014, , .		0
23	High-speed phase-control of wavefronts with binary amplitude DMD for light control through dynamic turbid media. , 2013, , .		3
24	High contrast three-dimensional photoacoustic imaging through scattering media by localized optical fluence enhancement. Optics Express, 2013, 21, 26671.	3.4	53
25	Real-time resilient focusing through a bending multimode fiber. Optics Express, 2013, 21, 12881.	3.4	162
26	Real time focusing through a perturbed multimode fiber. , 2013, , .		0
27	High-Speed Optical Phase-Control for Focusing and Imaging through Dynamic Turbid Media. , 2013, , .		0
28	High-speed focusing of light through dynamic turbid media. , 2012, , .		0
29	High-speed scattering medium characterization with application to focusing light through turbid media. Optics Express, 2012, 20, 1733.	3.4	362
30	Genetic algorithm optimization for focusing through turbid media in noisy environments. Optics Express, 2012, 20, 4840.	3.4	317
31	Microparticle movements in optical funnels and pods. Optics Express, 2011, 19, 5232.	3.4	22