

Matteo Burresti

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,461
citations

567281

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h-index

794594

19
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21
all docs

21
docs citations

21
times ranked

2213
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional Photonic Circuits in Rigid and Soft Polymers Tunable by Light. ACS Photonics, 2018, 5, 3222-3230.	6.6	53
2	Light scattering optimization of chitin random network in ultrawhite beetle scales. , 2017, , .		0
3	Light-Fueled Microscopic Walkers. Advanced Materials, 2015, 27, 3883-3887.	21.0	355
4	Anisotropic Light Transport in White Beetle Scales. Advanced Optical Materials, 2015, 3, 1337-1341.	7.3	62
5	Light Transport: Anisotropic Light Transport in White Beetle Scales (Advanced Optical Materials) Tj ETQq1 1 0.784314 rgBT /Overlock 1	7.3	1
6	Path length enhancement in disordered media for increased absorption. Optics Express, 2015, 23, A1472.	3.4	27
7	Optically controlled elastic microcavities. Light: Science and Applications, 2015, 4, e282-e282.	16.6	61
8	Complex Photonic Structures for Light Harvesting. Advanced Optical Materials, 2015, 3, 722-743.	7.3	57
9	Device-level photonic testing. Nature Photonics, 2015, 9, 8-9.	31.4	2
10	Walk dimension for light in complex disordered media. Physical Review A, 2014, 90, .	2.5	13
11	Light Transport and Localization in Two-Dimensional Correlated Disorder. Physical Review Letters, 2014, 112, 143901.	7.8	73
12	Bright-White Beetle Scales Optimise Multiple Scattering of Light. Scientific Reports, 2014, 4, 6075.	3.3	161
13	Holey random walks: Optics of heterogeneous turbid composites. Physical Review E, 2013, 87, 022120.	2.1	24
14	Two-dimensional disorder for broadband, omnidirectional and polarization-insensitive absorption. Optics Express, 2013, 21, A268.	3.4	53
15	Disordered photonic structures for light harvesting in solar cells. Optics Express, 2013, 21, A460.	3.4	114
16	Enhanced downconversion of UV light by resonant scattering of aluminum nanoparticles. Optics Letters, 2012, 37, 368.	3.3	13
17	Weak Localization of Light in Superdiffusive Random Systems. Physical Review Letters, 2012, 108, 110604.	7.8	29
18	Photon management in two-dimensional disordered media. Nature Materials, 2012, 11, 1017-1022.	27.5	313

#	ARTICLE	IF	CITATIONS
19	Negative-Index Metamaterials: Looking into the Unit Cell. Nano Letters, 2010, 10, 2480-2483.	9.1	27
20	Nanoimprint Lithography for Nanophotonics in Silicon. Nano Letters, 2008, 8, 2872-2877.	9.1	22