

Sushil Mujumdar

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

219
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1307594

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docs citations

23
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235
citing authors

#	ARTICLE	IF	CITATIONS
1	Random Lasing over Gap States from a Quasi-One-Dimensional Amplifying Periodic-on-Average Random Superlattice. <i>Physical Review Letters</i> , 2013, 111, 233903.	7.8	46
2	Photonic-band-edge-induced lasing in self-assembled dye-activated photonic crystals. <i>Physical Review A</i> , 2012, 85, .	2.5	38
3	Exponentially Tempered L ² Norm Sums in Random Lasers. <i>Physical Review Letters</i> , 2015, 114, 183903.	7.8	35
4	Direct observation of Anderson localization in plasmonic terahertz devices. <i>Light: Science and Applications</i> , 2017, 6, e16232-e16232.	16.6	22
5	Temporal complexity in emission from Anderson localized lasers. <i>Physical Review A</i> , 2017, 96, .	2.5	15
6	Optical Thouless conductance and level-spacing statistics in two-dimensional Anderson localizing systems. <i>Physical Review B</i> , 2019, 100, .	3.2	15
7	Necklace-State-Mediated Anomalous Enhancement of Transport in Anderson-Localized non-Hermitian Hybrid Systems. <i>Physical Review Letters</i> , 2020, 124, 123901.	7.8	10
8	F ^{örster} energy transfer induced random lasing at unconventional excitation wavelengths. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	7
9	Weak-disorder-induced reduction of the lasing threshold in periodic systems. <i>Physical Review A</i> , 2015, 91, .	2.5	7
10	Anderson localization at the hybridization gap in a plasmonic system. <i>Physical Review B</i> , 2018, 98, .	3.2	5
11	Direct experimental determination of critical disorder in one-dimensional weakly disordered photonic crystals. <i>Physical Review B</i> , 2018, 98, .	3.2	4
12	Intensity-dependent speckle contrast of second harmonic light in a nonlinear disordered medium. <i>Applied Optics</i> , 2020, 59, 11266.	1.8	4
13	Effect of critical disorder on lifetime distributions of Anderson-localized lasing modes. <i>Physical Review A</i> , 2019, 100, .	2.5	3
14	Reduction in generalized conductance with increasing gain in amplifying Anderson-localized systems. <i>Optics Letters</i> , 2020, 45, 2239.	3.3	3
15	Strong spectrospatial correlations in Anderson-localized lasing in periodic-on-average random systems. <i>Physical Review A</i> , 2019, 100, .	2.5	2
16	Discrepant transport characteristics under Anderson localization at the two limits of disorder. <i>Physical Review B</i> , 2020, 102, .	3.2	2
17	Anomalous localization and transport behavior of amplifying periodic-on-average random systems at critical disorder. <i>Physical Review A</i> , 2022, 105, .	2.5	1
18	Photon-localization induced random lasing from an amplifying periodic-on-average random system. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	Random amplification of coherent light in diffusive random lasers. , 2013, , .		0
20	Generalized Conductance Fluctuations in Anderson Localization at the two Limits of Disorder. , 2019, , .		0
21	Random lasing from amplifying electrostatic spray of charged microjets. , 2019, , .		0
22	Anderson localization of hybrid quasiparticles: Anomalous transmission due to necklace states. , 2021, , .		0
23	Interference effect in second harmonic light emitted from sub-micron size nonlinear particles. , 2022, , .		0