

Syamsundar De

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

224
citations

1039880

9
h-index

1058333

14
g-index

36
all docs

36
docs citations

36
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Intensity noise correlations in a two-frequency VECSEL. <i>Optics Express</i> , 2013, 21, 2538.	1.7	31
2	Class-A dual-frequency VECSEL at telecom wavelength. <i>Optics Letters</i> , 2014, 39, 5586.	1.7	27
3	Phase Noise of the Radio Frequency (RF) Beatnote Generated by a Dual-Frequency VECSEL. <i>Journal of Lightwave Technology</i> , 2014, 32, 1307-1316.	2.7	19
4	Intensity- and phase-noise correlations in a dual-frequency vertical-external-cavity surface-emitting laser operating at telecom wavelength. <i>Physical Review A</i> , 2015, 91, .	1.0	16
5	Ultra-low noise dual-frequency VECSEL at telecom wavelength using fully correlated pumping. <i>Optics Letters</i> , 2018, 43, 1794.	1.7	14
6	Universal compressive tomography in the time-frequency domain. <i>Optica</i> , 2021, 8, 1296.	4.8	12
7	Influence of spin-dependent carrier dynamics on the properties of a dual-frequency vertical-external-cavity surface-emitting laser. <i>Physical Review A</i> , 2014, 90, .	1.0	11
8	Transient subdiffusion via disordered quantum walks. <i>Physical Review Research</i> , 2021, 3, .	1.3	11
9	Effects of coherence on temporal resolution. <i>Physical Review Research</i> , 2021, 3, .	1.3	11
10	Spatiotemporal Entanglement in a Noncollinear Optical Parametric Amplifier. <i>Physical Review Applied</i> , 2021, 15, .	1.5	10
11	Local Versus Global Two-Photon Interference in Quantum Networks. <i>Physical Review Letters</i> , 2020, 125, 213604.	2.9	9
12	Experimental control of the degree of non-classicality via quantum coherence. <i>Quantum Science and Technology</i> , 2020, 5, 04LT01.	2.6	9
13	Experimental demonstration of a dual-frequency laser free from antiphase noise. <i>Optics Letters</i> , 2012, 37, 4901.	1.7	8
14	Theoretical and experimental analysis of intensity noise correlations in an optically pumped, dual-frequency Nd:YAG laser. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013, 30, 2830.	0.9	7
15	Multimode single-pass spatio-temporal squeezing. <i>Optics Express</i> , 2020, 28, 12385.	1.7	7
16	Quantum photonics with active feedback loops. <i>Physical Review A</i> , 2020, 102, .	1.0	6
17	Probing the topological Anderson transition with quantum walks. <i>Physical Review Research</i> , 2021, 3, .	1.3	4
18	Experimental entanglement characterization of two-rebit states. <i>Physical Review A</i> , 2021, 103, .	1.0	3

#	ARTICLE	IF	CITATIONS
19	Modal analysis for noise characterization and propagation in a femtosecond oscillator. Optics Letters, 2019, 44, 3992.	1.7	3
20	Unveiling the dynamics of optical frequency combs from phase-amplitude correlations. Physical Review Research, 2021, 3, .	1.3	2
21	Driven Gaussian quantum walks. Physical Review A, 2022, 105, .	1.0	2
22	Phase noise of the radio frequency beatnote generated by a dual frequency VECSEL. , 2013, , .		1
23	Experimental and theoretical study of noise in a dual-frequency VECSEL. , 2014, , .		1
24	Solid-state dual-frequency laser free from anti-phase noise. , 2013, , .		0
25	Full characterization of classical and quantum noise in optical frequency combs. , 2016, , .		0
26	Noise reduction in a dual-frequency VECSEL at telecom wavelength using fully correlated pumping. , 2018, , .		0
27	Topological Anderson Localization Transition in Time-Multiplexed Quantum Walks. , 2021, , .		0
28	Temporal Resolution of Partially Coherent Sources. , 2021, , .		0
29	Randomized Compressive State Tomography with No A-priori Information Using a Quantum Pulse Gate in Time and Frequency. , 2021, , .		0
30	Driving two-photon interference via classical control in quantum networks. , 2021, , .		0
31	RF Phase Noise of a Dual-Frequency VECSEL. , 2013, , .		0
32	Experimental and theoretical studies of a dual-frequency laser free from anti-phase noise. , 2013, , .		0
33	Dual-frequency VECSELs for Microwave Photonics Applications. , 2014, , .		0
34	SINGLE-PASS QUANTUM SOURCE OF MULTIMODE SQUEEZED STATES. , 2017, , .		0
35	Modal Approach Towards Complete Characterization of Frequency Comb Noise. , 2017, , .		0
36	Two-Rebit Entanglement: Theory and Experiment. , 2021, , .		0