

Harshil Dave

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

149
citations

1684188

5
h-index

1872680

6
g-index

22
all docs

22
docs citations

22
times ranked

108
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex coupling coefficient in laterally coupled microcavity laser diode arrays. Applied Physics Letters, 2020, 117, .	3.3	14
2	Exceptional Point Behavior of Non-Hermitian Microcavity Laser Arrays. , 2020, , .		0
3	Modulation Response of Coupled Microcavity Laser Array Operated Near Modal Exceptional Point. , 2020, , .		0
4	Modulation Properties of 2x1 Coherently Coupled VCSEL Arrays. , 2019, , .		1
5	Static and Dynamic Properties of Coherently-Coupled Photonic-Crystal Vertical-Cavity Surface-Emitting Laser Arrays. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-8.	2.9	23
6	Non-Hermiticity and exceptional points in coherently coupled vertical cavity laser diode arrays. Applied Physics Letters, 2019, 114, .	3.3	23
7	Electrical Detection of Coherent Coupling in Vertical Cavity Phased Laser Arrays. , 2019, , .		0
8	In-Phase Modulation Bandwidth Enhancement in Coupled Microcavity Laser Arrays. , 2019, , .		0
9	Digital Modulation of Coherently-Coupled 2×1 Vertical-Cavity Surface-Emitting Laser Arrays. IEEE Photonics Technology Letters, 2019, 31, 173-176.	2.5	30
10	The Complex Coupling Coefficient of Coherent VCSEL Arrays. , 2018, , .		3
11	Enhanced Digital Modulation of Coherent Photonic Crystal VCSEL Arrays. , 2018, , .		0
12	Non-Hermiticity in Weakly Coupled Semiconductor Laser Arrays. , 2018, , .		0
13	Control and Simulation of Coherent Array Modes in Vertical Cavity Laser Arrays. , 2018, , .		0
14	Modulation enhancements for photonic crystal VCSELs. Proceedings of SPIE, 2017, , .	0.8	3
15	Modulation of Coherently Coupled Phased Photonic Crystal Vertical Cavity Laser Arrays. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-9.	2.9	51
16	Coherence tuning of pulsed photonic crystal VCSEL arrays. , 2017, , .		0
17	Harnessing the asymmetry in coherently coupled 2×1 VCSEL arrays. , 2017, , .		0
18	Classification of coherent supermodes in photonic crystal vertical cavity laser arrays. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Non-Hermitian Aspects of Coherently Coupled Vertical Cavity Laser Arrays. , 2017, , .		1
20	Coherent Vertical Cavity Phased Microlaser Arrays. , 2017, , .		0
21	Uniform, High Modulation Bandwidth VCSEL Arrays. , 2017, , .		0
22	Uniform Operation of Coherent Photonic Crystal VCSEL Arrays. , 2017, , .		0