

Faraz Monifi

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

2,639
citations

1040056

9
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

2549
citing authors

#	ARTICLE	IF	CITATIONS
1	Parity-time-symmetric whispering-gallery microcavities. <i>Nature Physics</i> , 2014, 10, 394-398.	16.7	1,892
2	Highly sensitive detection of nanoparticles with a self-referenced and self-heterodyned whispering-gallery Raman microlaser. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3836-44.	7.1	192
3	Optomechanically induced stochastic resonance and chaos transfer between optical fields. <i>Nature Photonics</i> , 2016, 10, 399-405.	31.4	185
4	A Robust and Tunable Add-Drop Filter Using Whispering Gallery Mode Microtoroid Resonator. <i>Journal of Lightwave Technology</i> , 2012, 30, 3306-3315.	4.6	110
5	Titanium Dioxide Whispering Gallery Microcavities. <i>Advanced Optical Materials</i> , 2014, 2, 711-717.	7.3	59
6	Encapsulation of a Fiber Taper Coupled Microtoroid Resonator in a Polymer Matrix. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 1458-1461.	2.5	58
7	Tunable add-drop filter using an active whispering gallery mode microcavity. <i>Applied Physics Letters</i> , 2013, 103, 181103.	3.3	54
8	Optomechanical dissipative solitons. <i>Nature</i> , 2021, 600, 75-80.	27.8	48
9	Statistics of multiple-scatterer-induced frequency splitting in whispering gallery microresonators and microlasers. <i>New Journal of Physics</i> , 2013, 15, 073030.	2.9	25
10	Controllable oscillatory lateral coupling in a waveguide-microdisk-resonator system. <i>Scientific Reports</i> , 2017, 7, 8045.	3.3	8
11	Ultrasound sensing using a fiber coupled silica microtoroid resonator encapsulated in a polymer. , 2013, , .		7
12	An on-chip tunable add-drop filter using a microtoroid resonator. , 2012, , .		0
13	A Tunable Add-Drop Filter Based on Active Microsphere Resonator. , 2013, , .		0
14	An active add-drop filter using an ytterbium and erbium co-doped silica microsphere. , 2013, , .		0