

Tindaro Ioppolo

List of Publications by Year in descending order

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17
papers

478
citations

840776

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888059

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all docs

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docs citations

17
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamical behavior of magnetic polarizable microsphere using whispering gallery mode. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 598-603.	2.1	2
2	A Vibrometer Based on Magnetorheological Optical Resonators. Vibration, 2018, 1, 239-249.	1.9	7
3	Electrostrictive optical resonators for non-contact displacement measurement. Applied Optics, 2017, 56, 229.	2.1	11
4	Young's modulus and loss tangent measurement of polydimethylsiloxane using an optical lever. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 747-751.	2.1	20
5	High-speed transient sensing using dielectric micro-resonators. Proceedings of SPIE, 2015, , .	0.8	1
6	Untethered photonic sensor for wall pressure measurement. Optics Letters, 2015, 40, 2257.	3.3	16
7	High data rate transient sensing using dielectric micro-resonator. Applied Optics, 2015, 54, 7076.	2.1	5
8	Dome-shaped whispering gallery mode laser for remote wall temperature sensing. Applied Optics, 2014, 53, 5065.	1.8	14
9	Effect of Angular Velocity on Sensors Based on Morphology Dependent Resonances. Sensors, 2014, 14, 7041-7048.	3.8	36
10	Photonic electric field sensor based on polymeric microspheres. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 276-279.	2.1	27
11	Magnetic field-induced morphology-dependent resonances of a coupled composite metglas slab with a polymeric optical resonator. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 272-275.	2.1	12
12	Development of Whispering Gallery Mode Polymeric Micro-optical Electric Field Sensors. Journal of Visualized Experiments, 2013, , e50199.	0.3	4
13	Whispering gallery modes of microspheres in the presence of a changing surrounding medium: A new ray-tracing analysis and sensor experiment. Journal of Applied Physics, 2010, 107, .	2.5	47
14	Magnetorheological polydimethylsiloxane micro-optical resonator. Optics Letters, 2010, 35, 2037.	3.3	37
15	Whispering gallery mode-based micro-optical sensors for structural health monitoring of composite materials. Journal of Materials Science, 2009, 44, 1560-1571.	3.7	23
16	Tuning of whispering gallery modes of spherical resonators using an external electric field. Optics Express, 2009, 17, 16465.	3.4	84
17	Micro-optical force sensor concept based on whispering gallery mode resonators. Applied Optics, 2008, 47, 3009.	2.1	132