

Abbas Madani

List of Publications by Year in descending order

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papers

362
citations

759055

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31
all docs

31
docs citations

31
times ranked

480
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoactive rolled-up TiO ₂ microtubes: fabrication, characterization and applications. Journal of Materials Chemistry C, 2014, 2, 5892-5901.	2.7	71
2	Optical microtube cavities monolithically integrated on photonic chips for optofluidic sensing. Optics Letters, 2017, 42, 486.	1.7	36
3	Vertical optical ring resonators fully integrated with nanophotonic waveguides on silicon-on-insulator substrates. Optics Letters, 2015, 40, 3826.	1.7	33
4	Rolled-up TiO ₂ optical microcavities for telecom and visible photonics. Optics Letters, 2014, 39, 189.	1.7	23
5	Optofluidic Sensor: Evaporation Kinetics Detection of Solvents Dissolved with Cd ₃ P ₂ Colloidal Quantum Dots in a Rolled-Up Microtube. Advanced Optical Materials, 2015, 3, 187-193.	3.6	22
6	Glomerular diseases in Iranian children: clinico-pathological correlations. Pediatric Nephrology, 2003, 18, 925-928.	0.9	21
7	Urinary calcium and uric acid excretion in children with vesicoureteral reflux. Pediatric Nephrology, 2012, 27, 95-99.	0.9	20
8	Clinical course and outcome of children with steroid-sensitive nephrotic syndrome. Pediatric Nephrology, 2011, 26, 1089-1093.	0.9	15
9	An experimental observation of a spatial optical soliton beam and self splitting of beam into two soliton beams in chiral nematic liquid crystal. Optics Communications, 2013, 298-299, 222-226.	1.0	15
10	Luminescent nanoparticles embedded in TiO ₂ microtube cavities for the activation of whispering-gallery-modes extending from the visible to the near infrared. Nanoscale, 2016, 8, 9498-9503.	2.8	15
11	Effect of levamisole in steroid-dependent nephrotic syndrome. Iranian Journal of Kidney Diseases, 2010, 4, 292-6.	0.1	15
12	Switching and intrinsic position bistability of soliton beams in chiral nematic liquid crystals. Physical Review A, 2011, 83, .	1.0	14
13	Posterior urethral valve in a child presenting as recurrent epididymo-orchitis. Archives of Iranian Medicine, 2008, 11, 662-4.	0.2	9
14	Multiplexing and tuning of a double set of resonant modes in optical microtube cavities monolithically integrated on a photonic chip. Optics Letters, 2018, 43, 4703.	1.7	7
15	Theoretical study of reorientation and torque of liquid crystal molecules under influence of external electric field and experimentally generation of spatial optical soliton beam and getting a sharp switching in chiral nematic liquid crystal. Optik, 2013, 124, 3983-3986.	1.4	6
16	Design and fabrication of all-polymeric photonic waveguides in optical integrated circuits. Optik, 2017, 138, 33-39.	1.4	6
17	The Effect of Long-term Steroid Therapy on Linear Growth of Nephrotic Children. Iranian Journal of Pediatrics, 2011, 21, 21-7.	0.1	6
18	Design and fabrication of a polymer micro ring resonator with novel optical material at add/drop geometry using laser beam direct write lithography technique. Optik, 2013, 124, 1746-1748.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Overlapping double potential wells in a single optical microtube cavity with vernier-scale-like tuning effect. Applied Physics Letters, 2016, 108, .	1.5	4
20	Design and fabrication of a spatial light modulator using thermally tunable grating and a thin-film heater. Applied Optics, 2009, 48, 5647.	2.1	3
21	Athermalization of a self-assembled rolled-up TiO ₂ microtube ring resonator through incorporation of a positive thermo-optic coefficient material in planar bilayers. Applied Physics B: Lasers and Optics, 2019, 125, 1.	1.1	3
22	Non-linear light propagation and bistability in nematic liquid crystals. Proceedings of SPIE, 2009, , .	0.8	2
23	Overview on monolithically integrated arrays of microtubular vertical resonators on photonic waveguides for optofluidic applications. Optik, 2020, 204, 164161.	1.4	2
24	Selective Out-of-Plane Optical Coupling between Vertical and Planar Microrings in a 3D Configuration. Advanced Optical Materials, 2020, 8, 2000782.	3.6	2
25	Dynamic tuning of photon-plasmon interaction based on three-dimensionally confined microtube cavities. Optics Letters, 2020, 45, 5720.	1.7	2
26	An estimation of steroid responsiveness of idiopathic nephrotic syndrome in Iranian children. Iranian Journal of Pediatrics, 2010, 20, 199-205.	0.1	2
27	Chronic Kidney Disease in Iran: First Report of the National Registry in Children and Adolescents. Urology Journal, 2020, 18, 122-130.	0.3	2
28	Idiopathic focal segmental glomerulosclerosis. Indian Pediatrics, 2010, 47, 507-510.	0.2	1
29	Propagation of nematicons in unbiased configurations: spiraling solitons. Proceedings of SPIE, 2010, , .	0.8	0
30	The Influence of Cu ⁺² Concentration on the Magnetic Properties and Microstructure of Pulse Electrodeposited CoCu _{1-x} Nanowire Arrays. Journal of Nanoscience and Nanotechnology, 2015, 15, 6699-6703.	0.9	0