keivan Mahmoud Aghdami

List of Publications by Year
in descending order

14	106	1684188 5	1372567 10
papers	citations	h-index	g-index

15	15	15	62
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of carrier radiative recombination on a VCSEL-based cavity soliton laser. Applied Physics B: Lasers and Optics, 2007, 88, 405-410.	2.2	35
2	Two-Dimensional Discrete Cavity Solitons: Switching and All-Optical Gates. IEEE Photonics Journal, 2012, 4, 1147-1154.	2.0	17
3	Ultracompact Lensâ€Less â€œSpectrometer in Fiberâ€•Based on Chirped Filamentâ€Array Gratings. Advanced Photonics Research, 2020, 1, 2000026.	3.6	11
4	Inâ€Fiber Switchable Polarization Filter Based on Liquid Crystal Filled Hollowâ€Filament Bragg Gratings. Advanced Optical Materials, 2021, 9, 2100054.	7.3	11
5	Laser nano-filament explosion for enabling open-grating sensing in optical fibre. Nature Communications, 2021, 12, 6344.	12.8	10
6	Tunable all-optical gates in 2D discrete cavity solitons with local defect. European Physical Journal D, 2015, 69, 1.	1.3	4
7	Modeling of population inversion in coupled active lasing cavities: Aspects of the stability analysis. Chaos, Solitons and Fractals, 2019, 118, 106-111.	5.1	4
8	The study of discrete cavity soliton lasers in presence of population inversion. European Physical Journal Plus, 2020, 135, 1.	2.6	4
9	Control of discrete cavity solitons in coupled cavities. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 2608-2611.	0.8	3
10	The switching of dark and bright soliton in 1D discrete cavity laser. Chaos, Solitons and Fractals, 2016, 91, 511-515.	5.1	3
11	Femtosecond Laser Nano-Filament Explosion: Opening Fiber Bragg Gratings for Opto-Fluidic Sensing. , 2020, , .		2
12	2D filament grating array: enabling an efficient, high-resolution lens-less all-fiber spectrometer. , 2021, , .		1
13	Visible-light, All-fiber Spectrometer Based on Radiative Emission From a Chirped Filament Grating Array. , 2020, , .		1
14	Femtosecond Laser Opening of Hollow-Filament Arrays: the Fiber Bragg Grating Opto-fluidic Sensor. , 2019, , .		0