

# M I Carvalho

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11795045/publications.pdf>

Version: 2024-02-01

13  
papers

1,103  
citations

1040056

9  
h-index

1125743

13  
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13  
all docs

13  
docs citations

13  
times ranked

268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bright, dark, and gray spatial soliton states in photorefractive media. Journal of the Optical Society of America B: Optical Physics, 1995, 12, 1628.	2.1	548
2	Incoherently coupled soliton pairs in biased photorefractive crystals. Applied Physics Letters, 1996, 68, 1763-1765.	3.3	236
3	Compression, self-bending, and collapse of Gaussian beams in photorefractive crystals. Optics Letters, 1994, 19, 1714.	3.3	107
4	Vector photorefractive spatial solitons. Optics Letters, 1995, 20, 1764.	3.3	53
5	Coherence properties of multimode incoherent spatial solitons in noninstantaneous Kerr media. Physical Review E, 1999, 59, 1193-1199.	2.1	41
6	Dark and bright vector spatial solitons in biased photorefractive media. Physical Review E, 1996, 53, R53-R56.	2.1	36
7	Vector interactions of steady-state planar solitons in biased photorefractive media. Optics Letters, 1995, 20, 2177.	3.3	21
8	Self-bending of dark and gray photorefractive solitons. Physical Review E, 2007, 76, 016602.	2.1	21
9	Accelerating solitons in gas-filled hollow-core photonic crystal fibers. Physical Review A, 2013, 87, .	2.5	14
10	Optical shock waves in nonlinear dispersive amplifying media. Optics Letters, 1994, 19, 251.	3.3	8
11	Observation of Locked Optical Kink-Antikink Spatial Shock Waves. Physical Review Letters, 2003, 91, 133902.	7.8	7
12	Dynamics of blueshifted floating pulses in gas-filled hollow-core photonic crystal fibers. Applied Physics B: Lasers and Optics, 2014, 116, 353-357.	2.2	7
13	Optical spatial shock waves in photorefractive media. Physical Review E, 2000, 62, 8657-8662.	2.1	4