

Vivek M Vyas

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

141
citations

1937685

4
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Chirped chiral solitons in the nonlinear Schrödinger equation with self-steepening and self-frequency shift. Physical Review A, 2008, 78, .	2.5	61
2	Soliton solutions of driven nonlinear Schrödinger equation. Journal of Physics A, 2006, 39, 9151-9159.	1.6	44
3	Topological aspects of periodically driven non-Hermitian Su-Schrieffer-Heeger model. Physical Review B, 2021, 103, .	3.2	22
4	A scheme to observe universal breathing mode and Berezinskiiâ€“Kosterlitzâ€“Thouless phase transition in a two-dimensional photon gas. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 1434-1437.	2.1	5
5	Some results on topological currents in field theory. International Journal of Modern Physics A, 2019, 34, 1950096.	1.5	3
6	A Gauge Theory of Massive Spin One Particles. International Journal of Theoretical Physics, 2016, 55, 2610-2620.	1.2	2
7	Do Bloch waves interfere with one another ?. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 417, 127699.	2.1	2
8	Photon mass via current confinement. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 588-592.	4.1	1
9	Graphene as a perfect conductor. Journal of Molecular and Engineering Materials, 0, , .	1.8	1
10	Dynamical phase transition of photon condensate in an optical cavity. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 476.	2.1	0
11	Dicke superradiance, Bose-Einstein condensation of photons and spontaneous symmetry breaking. European Physical Journal Plus, 2022, 137, .	2.6	0