

Luiz F Votto

List of Publications by Year in descending order

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8
papers

142
citations

1478505

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1720034

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g-index

8
all docs

8
docs citations

8
times ranked

13
citing authors

#	ARTICLE	IF	CITATIONS
1	Hermiteâ€™Gaussian beams in the generalized Lorenzâ€™Mie theory through finiteâ€™series Laguerreâ€™Gaussian beam shape coefficients. Journal of the Optical Society of America B: Optical Physics, 2022, 39, 1027.	2.1	7
2	Finite series algorithm design for lens-focused Laguerreâ€™Gauss beams in the generalized Lorenzâ€™Mie theory. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 261, 107488.	2.3	12
3	Finite series expressions to evaluate the beam shape coefficients of a Laguerre-Gauss beam focused by a lens in an on-axis configuration. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 242, 106759.	2.3	12
4	Bessel-Gauss beams in the generalized Lorenz-Mie theory using three remodeling techniques. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 256, 107292.	2.3	23
5	Evaluation of beam shape coefficients of paraxial Laguerreâ€™Gauss beam freely propagating by using three remodeling methods. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 239, 106618.	2.3	27
6	Finite series expressions to evaluate the beam shape coefficients of a Laguerreâ€™Gauss beam freely propagating.. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 227, 12-19.	2.3	29
7	Semantic Web-based System for Light Scattering Using the Generalized Lorenz-Mie Theory. , 2019, , .		0
8	Assessing the validity of the localized approximation for discrete superpositions of Bessel beams. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2690.	2.1	32