

Umer Wahid

List of Publications by Year in descending order

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papers

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1163117

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docs citations

17
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19
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface plasmon hole burning at the interface of Cesium and Gold by Kerr nonlinearity. <i>Optik</i> , 2020, 202, 163651.	2.9	24
2	Tunable subluminal to superluminal propagation via spatio-temporal solitons by application of Laguerre fields intensities. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 388, 127041.	2.1	20
3	Birefringent lateral Goos-Hänchen effect through chiral medium. <i>Physica Scripta</i> , 2020, 95, 095102.	2.5	18
4	Birefringence of rotary photon drags through induced chiral atomic medium. <i>Physica Scripta</i> , 2020, 95, 075109.	2.5	16
5	Tunnelling based birefringent phase sensitivity through dynamic chiral medium. <i>Physica Scripta</i> , 2021, 96, 035106.	2.5	16
6	Distortion-free conductivity-dependent temporal cloak based on tunnelling chiral medium. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	11
7	Surface plasmon hole burning via doppler broadening. <i>Laser Physics</i> , 2020, 30, 095203.	1.2	11
8	Particle microscopy by surface plasmon polariton waves at the interface of dielectric and silver silica nano-composites. <i>Physica Scripta</i> , 2021, 96, 015104.	2.5	10
9	Gaussian Pulse Propagation via Bright and Dark Solitons through an Atomic Medium. <i>Journal of Russian Laser Research</i> , 2021, 42, 117-125.	0.6	3
10	Dynamics of bright optical solitons through a coherent atomic medium. <i>Physica Scripta</i> , 2021, 96, 105104.	2.5	2
11	Phase sensitive birefringent diffraction based on conductive tunneling chiral medium. <i>Optik</i> , 2021, 242, 167357.	2.9	2
12	Phase control of pulses distortions through induced circular birefringent chiral atomic medium. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.	3.3	2
13	Gaussian Pulse Distortion in a Nonlinear Induced Kerr Atomic Medium. <i>Brazilian Journal of Physics</i> , 2021, 51, 1265.	1.4	1
14	Localized Intensity of Tiny Goos-Hänchen Shift in Reflection and Transmission. <i>Brazilian Journal of Physics</i> , 2021, 51, 1844-1852.	1.4	0
15	Space-time cloaking through a chiral atomic medium. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	3.3	0
16	Complex conductivity dependent surface plasmon polaritons at the interface of metal and silver silica nanocomposites. <i>International Journal of Quantum Chemistry</i> , 0, , e26831.	2.0	0
17	Localized bonded particles of probe field in a duplicated two level atomic medium. <i>Optical and Quantum Electronics</i> , 2022, 54, .	3.3	0