

Umer Wahid

List of Publications by Year in descending order

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citing authors

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