MD MABUD HOSSAIN

List of Publications by Year
in descending order

6	16	2258059	2272923
papers	citations	3	4
		h-index	g-index

6	6	6	5
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study of multi-window electromagnetically induced transparency (EIT) and related dispersive signals in V-type systems in the Zeeman sublevels of hyperfine states of 87Rb-D2 line. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 235401.	1.5	5
2	Effect of spontaneously generated coherence (SGC) on the line shapes of absorption, transparency, dispersion and group index of a four-level inverted Y-type atomâ€"lasers coupling system. European Physical Journal Plus, 2021, 136, 1.	2.6	4
3	The analysis of coherent phenomena for both linear and non-linear interactions in a four-level ladder (Îž)-type configuration using density matrix formalism in dressed state representation. Physica Scripta, 2021, 96, 035108.	2.5	3
4	Theoretical study of the control of absorption, transparency, and amplification in a microwave- and RF-driven four-level (Î" + âˆ‡)-type closed-contour interaction system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 075404.	1.5	2
5	Theoretical study of coherent optical phenomena in a three lasers driven four-level ladder-type system involving a Rydberg state. Laser Physics, 2022, 32, 065207.	1.2	1
6	Microwave or radio-frequency controlled electromagnetically induced transparency (EIT) and related dispersion spectra in a pump-probe lasers driven multi-level <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e2181" altimg="si9.svg"><mml:mi mathvariant="normal">Îž</mml:mi></mml:math>-type system of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e2186" altimg="si10.svg"><mml:mrow><mml:msup><mml:mrow /><mml:mrow><mml:mn>87</mml:mn></mml:mr	2.1	1