

Sankar Davuluri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/765855/publications.pdf>

Version: 2024-02-01

20
papers

166
citations

1307594

7
h-index

1125743

13
g-index

20
all docs

20
docs citations

20
times ranked

94
citing authors

#	ARTICLE	IF	CITATIONS
1	Controllable enhanced dragging of light in ultradispersive media. <i>Physical Review A</i> , 2012, 86, .	2.5	27
2	Gyroscope with two-dimensional optomechanical mirror. <i>New Journal of Physics</i> , 2017, 19, 113004.	2.9	20
3	Controlling optomechanically induced transparency through rotation. <i>Europhysics Letters</i> , 2015, 112, 64002.	2.0	19
4	Optomechanics for absolute rotation detection. <i>Physical Review A</i> , 2016, 94, .	2.5	16
5	Improving optomechanical gyroscopes by coherent quantum noise cancellation processing. <i>Science China: Physics, Mechanics and Astronomy</i> , 2018, 61, 1.	5.1	16
6	Absolute rotation detection by Coriolis force measurement using optomechanics. <i>New Journal of Physics</i> , 2016, 18, 103047.	2.9	15
7	Destructive and constructive interference in the coherently driven three-level systems. <i>Journal of Modern Optics</i> , 2015, 62, 1091-1097.	1.3	9
8	Switching between superluminal to subluminal velocities and Tunable slow light in a four level atomic system. <i>Journal of Physics: Conference Series</i> , 2013, 414, 012005.	0.4	7
9	Quantum optical mouse to detect Coriolis force. <i>Europhysics Letters</i> , 2013, 103, 24001.	2.0	7
10	Optical control of backward and forward microwave generation. <i>Physical Review A</i> , 2013, 88, .	2.5	5
11	Interference via dephasing effect in upper coupled three-level atoms. <i>Physica Scripta</i> , 2016, 91, 013008.	2.5	5
12	Quantum optomechanics without the radiation pressure force noise. <i>Optics Letters</i> , 2021, 46, 904.	3.3	5
13	Three-mode optomechanical system for angular velocity detection. <i>Chinese Physics B</i> , 2018, 27, 084203.	1.4	4
14	Overcoming standard quantum limit using a momentum measuring interferometer. <i>Optics Letters</i> , 2020, 45, 1256.	3.3	4
15	Shot-noise-limited interferometry for measuring a classical force. <i>Physical Review A</i> , 2018, 98, .	2.5	3
16	Detecting Coriolis force via slow light. , 2013, , .		1
17	Quantum opto-mechanics: from rotation to Coriolis force detection. <i>Journal of Modern Optics</i> , 2014, 61, 13-17.	1.3	1
18	Detection of Coriolis force and rotational Doppler effect by using slow light. <i>Optical Engineering</i> , 2014, 53, 102708.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Unidirectional gyroscope using optomechanics to avoid mode-locking. Journal of Optics (United) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.2	1
20	Overcoming standard quantum limit using a momentum measuring interferometer: publisher's note. Optics Letters, 2020, 45, 2172.	3.3	0