

# Sankar Davuluri

## List of Publications by Year in descending order

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

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20  
papers

166  
citations

1307594

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h-index

1125743

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g-index

20  
all docs

20  
docs citations

20  
times ranked

94  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum optomechanics without the radiation pressure force noise. Optics Letters, 2021, 46, 904.	3.3	5
2	Overcoming standard quantum limit using a momentum measuring interferometer. Optics Letters, 2020, 45, 1256.	3.3	4
3	Overcoming standard quantum limit using a momentum measuring interferometer: publisher's note. Optics Letters, 2020, 45, 2172.	3.3	0
4	Unidirectional gyroscope using optomechanics to avoid mode-locking. Journal of Optics (United Kingdom), 2020, 10, 10100000.	2.2	1
5	Shot-noise-limited interferometry for measuring a classical force. Physical Review A, 2018, 98, .	2.5	3
6	Improving optomechanical gyroscopes by coherent quantum noise cancellation processing. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	16
7	Three-mode optomechanical system for angular velocity detection. Chinese Physics B, 2018, 27, 084203.	1.4	4
8	Gyroscope with two-dimensional optomechanical mirror. New Journal of Physics, 2017, 19, 113004.	2.9	20
9	Absolute rotation detection by Coriolis force measurement using optomechanics. New Journal of Physics, 2016, 18, 103047.	2.9	15
10	Optomechanics for absolute rotation detection. Physical Review A, 2016, 94, .	2.5	16
11	Interference via dephasing effect in upper coupled three-level atoms. Physica Scripta, 2016, 91, 013008.	2.5	5
12	Controlling optomechanically induced transparency through rotation. Europhysics Letters, 2015, 112, 64002.	2.0	19
13	Destructive and constructive interference in the coherently driven three-level systems. Journal of Modern Optics, 2015, 62, 1091-1097.	1.3	9
14	Quantum opto-mechanics: from rotation to Coriolis force detection. Journal of Modern Optics, 2014, 61, 13-17.	1.3	1
15	Detection of Coriolis force and rotational Doppler effect by using slow light. Optical Engineering, 2014, 53, 102708.	1.0	1
16	Switching between superluminal to subluminal velocities and Tunable slow light in a four level atomic system. Journal of Physics: Conference Series, 2013, 414, 012005.	0.4	7
17	Detecting Coriolis force via slow light. , 2013, , .		1
18	Quantum optical mouse to detect Coriolis force. Europhysics Letters, 2013, 103, 24001.	2.0	7

#	ARTICLE	IF	CITATIONS
19	Optical control of backward and forward microwave generation. Physical Review A, 2013, 88, .	2.5	5
20	Controllable enhanced dragging of light in ultradispersive media. Physical Review A, 2012, 86, .	2.5	27