

# Stavros Christopoulos

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

1,414  
citations

1683934  
5  
h-index

1588896  
8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Study of Polyethylene Films Embedded with Oxide Nanoparticles of Granulated and Free-Standing Nature. <i>Polymers</i> , 2022, 14, 2629.	2.0	0
2	Absorption Spectroscopy of Xenon and Ethyleneâ€Noble Gas Mixtures at High Pressure: Towards Boseâ€Einstein Condensation of Vacuum Ultraviolet Photons. , 2018, , 729-739.		0
3	Rubidium spectroscopy at high-pressure buffer gas conditions: detailed balance in the optical interaction of an absorber coupled to a reservoir. <i>Physica Scripta</i> , 2018, 93, 124006.	1.2	3
4	Verifying thermodynamic equilibrium of molecular manifolds: Kennard-Stepanov spectroscopy of a molecular gas. <i>Physical Review A</i> , 2017, 95, .	1.0	4
5	Absorption spectroscopy of xenon and ethyleneâ€noble gas mixtures at high pressure: towards Boseâ€Einstein condensation of vacuum ultraviolet photons. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	1.1	3
6	Spectroscopy and thermalization of dense atomic gases in redistributional laser cooling. , 2016, , .		0
7	A Kennard-Stepanov relation study on redistributional laser cooling in dense gaseous ensembles. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
8	Laser cooling of dense atomic gases by collisional redistribution of radiation and spectroscopy of molecular dimers in a dense buffer gas environment. , 2014, , .		1
9	Spontaneous Polarization Buildup in a Room-Temperature Polariton Laser. <i>Physical Review Letters</i> , 2008, 101, 136409.	2.9	197
10	Blue lasing at room temperature in an optically pumped lattice-matched AlInN/GaN VCSEL structure. <i>Electronics Letters</i> , 2007, 43, 924.	0.5	51
11	Current status of AlInN layers lattice-matched to GaN for photonics and electronics. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 6328-6344.	1.3	304
12	Room-Temperature Polariton Lasing in Semiconductor Microcavities. <i>Physical Review Letters</i> , 2007, 98, 126405.	2.9	833
13	Sub-picosecond ultraviolet laser filamentation-induced bulk modifications in fused silica. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 81, 241-244.	1.1	18