

# Ioannis Paradisanos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1586039/publications.pdf>

Version: 2024-02-01

21  
papers

983  
citations

471509

17  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2072  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically Tunable Nonequilibrium Optical Response of Graphene. ACS Nano, 2022, 16, 3613-3624.	14.6	13
2	Second harmonic generation control in twisted bilayers of transition metal dichalcogenides. Physical Review B, 2022, 105, .	3.2	15
3	Guide to optical spectroscopy of layered semiconductors. Nature Reviews Physics, 2021, 3, 39-54.	26.6	41
4	Efficient phonon cascades in WSe <sub>2</sub> monolayers. Nature Communications, 2021, 12, 538.	12.8	34
5	Low-Loss Integrated Nanophotonic Circuits with Layered Semiconductor Materials. Nano Letters, 2021, 21, 2709-2718.	9.1	24
6	Confinement of long-lived interlayer excitons in WS <sub>2</sub> /WSe <sub>2</sub> heterostructures. Communications Physics, 2021, 4, .	5.3	26
7	Interlayer exciton mediated second harmonic generation in bilayer MoS <sub>2</sub> . Nature Communications, 2021, 12, 6894.	12.8	38
8	Unveiling the Optical Emission Channels of Monolayer Semiconductors Coupled to Silicon Nanoantennas. ACS Photonics, 2020, 7, 3106-3115.	6.6	16
9	Giant Stark splitting of an exciton in bilayer MoS <sub>2</sub> . Nature Nanotechnology, 2020, 15, 901-907.	31.5	72
10	Controlling interlayer excitons in MoS <sub>2</sub> layers grown by chemical vapor deposition. Nature Communications, 2020, 11, 2391.	12.8	73
11	Prominent room temperature valley polarization in WS <sub>2</sub> /graphene heterostructures grown by chemical vapor deposition. Applied Physics Letters, 2020, 116, .	3.3	25
12	Hot Electrons Modulation of Third-Harmonic Generation in Graphene. ACS Photonics, 2019, 6, 2841-2849.	6.6	29
13	Twist Angle mapping in layered WS <sub>2</sub> by Polarization-Resolved Second Harmonic Generation. Scientific Reports, 2019, 9, 14285.	3.3	31
14	Spatially selective reversible charge carrier density tuning in WS <sub>2</sub> monolayers via photochlorination. 2D Materials, 2019, 6, 015003.	4.4	13
15	Extending the Continuous Operating Lifetime of Perovskite Solar Cells with a Molybdenum Disulfide Hole Extraction Interlayer. Advanced Energy Materials, 2018, 8, 1702287.	19.5	121
16	Ultrahigh-resolution nonlinear optical imaging of the armchair orientation in 2D transition metal dichalcogenides. Light: Science and Applications, 2018, 7, 18005-18005.	16.6	53
17	Room temperature observation of biexcitons in exfoliated WS <sub>2</sub> monolayers. Applied Physics Letters, 2017, 110, .	3.3	54
18	Efficient and Highly Air Stable Planar Inverted Perovskite Solar Cells with Reduced Graphene Oxide Doped PCBM Electron Transporting Layer. Advanced Energy Materials, 2017, 7, 1602120.	19.5	188

#	ARTICLE	IF	CITATIONS
19	Spatial non-uniformity in exfoliated WS <sub>2</sub> single layers. <i>Nanoscale</i> , 2016, 8, 16197-16203.	5.6	22
20	Gradient induced liquid motion on laser structured black Si surfaces. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	43
21	Intense femtosecond photoexcitation of bulk and monolayer MoS <sub>2</sub> . <i>Applied Physics Letters</i> , 2014, 105, .	3.3	52