

Ioannis Paradisanos

List of Publications by Year in descending order

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21
papers

983
citations

471509

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713466

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docs citations

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times ranked

2072
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient and Highly Air Stable Planar Inverted Perovskite Solar Cells with Reduced Graphene Oxide Doped PCBM Electron Transporting Layer. <i>Advanced Energy Materials</i> , 2017, 7, 1602120.	19.5	188
2	Extending the Continuous Operating Lifetime of Perovskite Solar Cells with a Molybdenum Disulfide Hole Extraction Interlayer. <i>Advanced Energy Materials</i> , 2018, 8, 1702287.	19.5	121
3	Controlling interlayer excitons in MoS ₂ layers grown by chemical vapor deposition. <i>Nature Communications</i> , 2020, 11, 2391.	12.8	73
4	Giant Stark splitting of an exciton in bilayer MoS ₂ . <i>Nature Nanotechnology</i> , 2020, 15, 901-907.	31.5	72
5	Room temperature observation of biexcitons in exfoliated WS ₂ monolayers. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	54
6	Ultrahigh-resolution nonlinear optical imaging of the armchair orientation in 2D transition metal dichalcogenides. <i>Light: Science and Applications</i> , 2018, 7, 18005-18005.	16.6	53
7	Intense femtosecond photoexcitation of bulk and monolayer MoS ₂ . <i>Applied Physics Letters</i> , 2014, 105, .	3.3	52
8	Gradient induced liquid motion on laser structured black Si surfaces. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	43
9	Guide to optical spectroscopy of layered semiconductors. <i>Nature Reviews Physics</i> , 2021, 3, 39-54.	26.6	41
10	Interlayer exciton mediated second harmonic generation in bilayer MoS ₂ . <i>Nature Communications</i> , 2021, 12, 6894.	12.8	38
11	Efficient phonon cascades in WSe ₂ monolayers. <i>Nature Communications</i> , 2021, 12, 538.	12.8	34
12	Twist Angle mapping in layered WS ₂ by Polarization-Resolved Second Harmonic Generation. <i>Scientific Reports</i> , 2019, 9, 14285.	3.3	31
13	Hot Electrons Modulation of Third-Harmonic Generation in Graphene. <i>ACS Photonics</i> , 2019, 6, 2841-2849.	6.6	29
14	Confinement of long-lived interlayer excitons in WS ₂ /WSe ₂ heterostructures. <i>Communications Physics</i> , 2021, 4, .	5.3	26
15	Prominent room temperature valley polarization in WS ₂ /graphene heterostructures grown by chemical vapor deposition. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	25
16	Low-Loss Integrated Nanophotonic Circuits with Layered Semiconductor Materials. <i>Nano Letters</i> , 2021, 21, 2709-2718.	9.1	24
17	Spatial non-uniformity in exfoliated WS ₂ single layers. <i>Nanoscale</i> , 2016, 8, 16197-16203.	5.6	22
18	Unveiling the Optical Emission Channels of Monolayer Semiconductors Coupled to Silicon Nanoantennas. <i>ACS Photonics</i> , 2020, 7, 3106-3115.	6.6	16

#	ARTICLE	IF	CITATIONS
19	Second harmonic generation control in twisted bilayers of transition metal dichalcogenides. Physical Review B, 2022, 105, .	3.2	15
20	Spatially selective reversible charge carrier density tuning in WS ₂ monolayers via photochlorination. 2D Materials, 2019, 6, 015003.	4.4	13
21	Electrically Tunable Nonequilibrium Optical Response of Graphene. ACS Nano, 2022, 16, 3613-3624.	14.6	13