George Kioseoglou

List of Publications by Year
in descending order

34 papers	2,505 citations	471509 17 h-index	454955 30 g-index
34 all docs	34 docs citations	34 times ranked	3594 citing authors

#	Article	IF	Citations
1	Nonlinear Optical Imaging of Inâ€Plane Anisotropy in Twoâ€Dimensional SnS. Advanced Optical Materials, 2022, 10, .	7.3	7
2	Nonlinear Optical Imaging of Inâ€Plane Anisotropy in Twoâ€Dimensional SnS (Advanced Optical Materials) Tj ETQq0 0 0 rgBT /Overlock	7.3	0
3	Probing valley population imbalance in transition metal dichalcogenides via temperature-dependent second harmonic generation imaging. Npj 2D Materials and Applications, 2021, 5, .	7.9	12
4	Tuning the valley polarization in WS2 monolayers via control of active defect sites induced by photochemical doping. Applied Physics Letters, 2021, 118, .	3.3	9
5	Optical versus electron diffraction imaging of Twist-angle in 2D transition metal dichalcogenide bilayers. Npj 2D Materials and Applications, 2021, 5, .	7.9	6
6	Real-time spatially resolved determination of twist angle in transition metal dichalcogenide heterobilayers. 2D Materials, 2021, 8, 015015.	4.4	7
7	Prominent room temperature valley polarization in WS2/graphene heterostructures grown by chemical vapor deposition. Applied Physics Letters, 2020, 116, .	3.3	25
8	Twist Angle mapping in layered WS2 by Polarization-Resolved Second Harmonic Generation. Scientific Reports, 2019, 9, 14285.	3.3	31
9	Spatially selective reversible charge carrier density tuning in WS ₂ monolayers via photochlorination. 2D Materials, 2019, 6, 015003.	4.4	13
10	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
11	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
12	Room temperature observation of biexcitons in exfoliated WS2 monolayers. Applied Physics Letters, 2017, 110, .	3.3	54
13	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
14	Optical polarization of excitons and trions under continuous and pulsed excitation in single layers of WSe₂. Nanoscale, 2017, 9, 17422-17428.	5.6	9
15	Spatial nonuniformity of excitonic properties in exfoliated WS<inf>2</inf> monolayers. , 2017, , .		0
16	Anomalous temperature-dependent spin-valley polarization in monolayer WS2. Scientific Reports, 2016, 6, 18885.	3.3	57
17	Optical polarization and intervalley scattering in single layers of MoS2 and MoSe2. Scientific Reports, 2016, 6, 25041.	3.3	102
18	Spatial non-uniformity in exfoliated WS₂ single layers. Nanoscale, 2016, 8, 16197-16203.	5.6	22

#	Article	IF	Citations
19	Spin effects in MoS₂ and WS₂ single layers. Physica Status Solidi - Rapid Research Letters, 2016, 10, 111-119.	2.4	9
20	Electrical Spin Injection into InGaAs Quantum Dots. , 2016, , 399-430.		0
21	Optical control of charged exciton states in tungsten disulfide. Applied Physics Letters, 2015, 106, .	3.3	72
22	Electrical Spin Injection into InGaAs Quantum Dots. , 2015, , 1-27.		0
23	Magnetoluminescence and valley polarized state of a two-dimensional electron gas in WS2 monolayers. Nature Nanotechnology, 2015, 10, 603-607.	31.5	82
24	Measurement of high exciton binding energy in the monolayer transition-metal dichalcogenides WS2 and WSe2. Solid State Communications, 2015, 203, 16-20.	1.9	263
25	A high surface area ordered mesoporous BiFeO₃ semiconductor with efficient water oxidation activity. Journal of Materials Chemistry A, 2015, 3, 1587-1593.	10.3	87
26	Highly polarized emission from electrical spin injection into an InGaAs quantum well with free carriers. Applied Physics Letters, 2013, 103, .	3.3	3
27	Spin Light Emitting Diodes. Journal of Low Temperature Physics, 2012, 169, 324-337.	1.4	7
28	Valley polarization and intervalley scattering in monolayer MoS₂. Applied Physics Letters, 2012, 101, 221907.	3.3	251
29	Spin-polarized multiexcitons in quantum dots in the presence of spin-orbit interaction. Physical Review B, 2011, 84, .	3.2	3
30	Intershell Exchange and Sequential Electrically Injected Spin Populations of InAs Quantum-Dot Shell States. Physical Review Letters, 2008, 101, 227203.	7.8	23
31	Analysis of the transport process providing spin injection through an Fe/AlGaAs Schottky barrier. Applied Physics Letters, 2003, 82, 4092-4094.	3.3	335
32	Efficient electrical spin injection from a magnetic metal/tunnel barrier contact into a semiconductor. Applied Physics Letters, 2002, 80, 1240-1242.	3.3	633
33	Vapor Phase Synthesis of II-IV Semiconductor Nanoparticles in a Counterflow Jet Reactor. Materials Research Society Symposia Proceedings, 2000, 616, 41.	0.1	8
34	Photoluminescence and reflectance studies of negatively charged excitons inGaAs/Al0.3Ga0.7Asquantum-well structures. Physical Review B, 2000, 61, 4780-4785.	3.2	13