

Eva A A Pogna

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,183
citations

430874

18
h-index

377865

34
g-index

47
all docs

47
docs citations

47
times ranked

2095
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial coherence of electrically pumped random terahertz lasers. <i>Photonics Research</i> , 2022, 10, 524.	7.0	3
2	Electrically Tunable Nonequilibrium Optical Response of Graphene. <i>ACS Nano</i> , 2022, 16, 3613-3624.	14.6	13
3	Lattice dynamics and elastic properties of black phosphorus. <i>Physical Review B</i> , 2022, 105, .	3.2	8
4	Self-Induced Phase Locking of Terahertz Frequency Combs in a Phase-Sensitive Hyperspectral Near-Field Nanoscope. <i>Advanced Science</i> , 2022, 9, .	11.2	16
5	Angle-tunable intersubband photoabsorption and enhanced photobleaching in twisted bilayer graphene. <i>Nano Research</i> , 2021, 14, 2797-2804.	10.4	6
6	Self-mixing interferometry and near-field nanoscopy in quantum cascade random lasers at terahertz frequencies. <i>Nanophotonics</i> , 2021, 10, 1495-1503.	6.0	14
7	Optical tuning of dielectric nanoantennas for thermo-optically reconfigurable nonlinear metasurfaces. <i>Optics Letters</i> , 2021, 46, 2453.	3.3	40
8	All-Optical Modulation with Dielectric Nanoantennas: Multiresonant Control and Ultrafast Spatial Inhomogeneities. <i>Small Science</i> , 2021, 1, 2000079.	9.9	11
9	Tunable broadband light emission from graphene. <i>2D Materials</i> , 2021, 8, 035026.	4.4	5
10	Photoinduced Intersubband Absorption and Enhanced Photobleaching in Twisted Bilayer Graphene. , 2021, , .		0
11	Reshaping the emission of a THz quantum cascade laser frequency comb through an on-chip graphene modulator. , 2021, , .		0
12	Hot-Carrier Cooling in High-Quality Graphene Is Intrinsically Limited by Optical Phonons. <i>ACS Nano</i> , 2021, 15, 11285-11295.	14.6	43
13	Terahertz near-field nanoscopy based on detectorless laser feedback interferometry under different feedback regimes. <i>APL Photonics</i> , 2021, 6, .	5.7	23
14	Terahertz Near-field Nanoscopy Based on Self-mixing Interferometry with Quantum Cascade Resonators. , 2021, , .		0
15	Ultrafast, All Optically Reconfigurable, Nonlinear Nanoantenna. <i>ACS Nano</i> , 2021, 15, 11150-11157.	14.6	30
16	Tunable, Grating-Gated, Graphene-On-Polyimide Terahertz Modulators. <i>Advanced Functional Materials</i> , 2021, 31, 2008039.	14.9	31
17	Mapping propagation of collective modes in Bi ₂ Se ₃ and Bi ₂ Te _{2.2} Se _{0.8} topological insulators by near-field terahertz nanoscopy. <i>Nature Communications</i> , 2021, 12, 6672.	12.8	36
18	Unveiling the detection dynamics of semiconductor nanowire photodetectors by terahertz near-field nanoscopy. <i>Light: Science and Applications</i> , 2020, 9, 189.	16.6	31

#	ARTICLE	IF	CITATIONS
19	Photoinduced Intersubband Absorption and Enhanced Photobleaching in Twisted Bilayer Graphene. , 2020, , .		0
20	All-Optical Ultrafast Control of Second Harmonic Generation in AlGaAs Nanopillars. , 2019, , .		0
21	Near-Field THz Photocurrent Nanoscopy of InAs Nanowires FET. , 2019, , .		0
22	Hot Electrons Modulation of Third-Harmonic Generation in Graphene. ACS Photonics, 2019, 6, 2841-2849.	6.6	29
23	Hot Electrons Modulation of Third Harmonic Generation in Graphene. , 2019, , .		0
24	Gate-Tunable Ultrafast Optical Response of Single-Layer Graphene. , 2019, , .		0
25	Photocatalytic activity of exfoliated graphiteâ€“TiO ₂ nanoparticle composites. Nanoscale, 2019, 11, 19301-19314.	5.6	18
26	Tracking the Connection between Disorder and Energy Landscape in Glasses Using Geologically Hyperaged Amber. Journal of Physical Chemistry Letters, 2019, 10, 427-432.	4.6	12
27	Ultrafast nonequilibrium dynamics of strongly coupled resonances in the intrinsic cavity of $W_{2n}S_{2n}$ nanotubes. Physical Review Research, 2019, 1, .	3.6	11
28	Solution processable and optically switchable 1D photonic structures. Scientific Reports, 2018, 8, 3517.	3.3	38
29	Broadband nonlinear optical response of monolayer MoSe ₂ under ultrafast excitation. Applied Physics Letters, 2018, 112, .	3.3	25
30	Out-of-plane heat transfer in van der Waals stacks through electronâ€“hyperbolic phonon coupling. Nature Nanotechnology, 2018, 13, 41-46.	31.5	128
31	Charge trapping and coalescence dynamics in few layer MoS ₂ . 2D Materials, 2018, 5, 015011.	4.4	20
32	Lattice Distortions Drive Electronâ€“Hole Correlation within Micrometer-Size Lead-Iodide Perovskite Crystals. ACS Energy Letters, 2017, 2, 265-269.	17.4	19
33	Field-induced charge separation dynamics in monolayer MoS ₂ . 2D Materials, 2017, 4, 035017.	4.4	6
34	Tracking exciton-trion interplay in the transient optical properties of WS ₂ inks. , 2017, , .		0
35	Non-equilibrium optical properties of encapsulated graphene. , 2017, , .		0
36	Ultrafast spin/valley decay processes in monolayer WS ₂ . , 2017, , .		0

#	ARTICLE	IF	CITATIONS
37	Ultrafast Spectroscopy of Graphene-Protected Thin Copper Films. ACS Photonics, 2016, 3, 1508-1516.	6.6	8
38	Exciton and charge carrier dynamics in few-layer WS ₂ . Nanoscale, 2016, 8, 5428-5434.	5.6	61
39	Photo-Induced Bandgap Renormalization Governs the Ultrafast Response of Single-Layer MoS ₂ . ACS Nano, 2016, 10, 1182-1188.	14.6	272
40	Ultrafast valley relaxation dynamics in monolayer MoS ₂ by nonequilibrium optical techniques. Physical Review B, 2015, 92, .	14.9	76
41	Charge Photogeneration in Few-Layer MoS ₂ . Advanced Functional Materials, 2015, 25, 3351-3358.	1.0	5
42	Femtosecond spectroscopy on MoS ₂ flakes from liquid exfoliation: surfactant independent exciton dynamics. Journal of Nanophotonics, 2015, 10, 012508.	7.1	40
43	Probing equilibrium glass flow up to exapoise viscosities. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2331-2336.		0
44	Intervalley scattering in monolayer MoS ₂ probed by non-equilibrium optical techniques. , 2015, , .	2.8	3
45	Acoustic dynamics of supercooled indomethacin probed by Brillouin light scattering. Physical Chemistry Chemical Physics, 2014, 16, 14206-14211.	3.3	12
46	Acoustic-like dynamics of amorphous drugs in the THz regime. Scientific Reports, 2013, 3, 2518.		