Antonija Grubisic-Cabo

List of Publications by Year
in descending order

27 papers	952 citations	516710 16 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	1877 citing authors

#	Article	IF	Citations
1	Electronic Structure of Epitaxial Single-Layer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow><mml:mi>MoS</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math> Physical Review Letters, 2015, 114, 046802.	7.8	140
2	Observation of Ultrafast Free Carrier Dynamics in Single Layer MoS₂. Nano Letters, 2015, 15, 5883-5887.	9.1	138
3	Single-layer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>MoS</mml:mtext><mml:mn>2</mml:mn></mml:msub></mml:math> Au(111): Band gap renormalization and substrate interaction. Physical Review B, 2016, 93, .	3.2	128
4	Ultrafast Band Structure Control of a Two-Dimensional Heterostructure. ACS Nano, 2016, 10, 6315-6322.	14.6	90
5	Graphene as an anti-corrosion coating layer. Faraday Discussions, 2015, 180, 495-509.	3.2	62
6	Symmetry-Driven Band Gap Engineering in Hydrogen Functionalized Graphene. ACS Nano, 2016, 10, 10798-10807.	14.6	55
7	Spin and valley control of free carriers in single-layer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">WS</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2017, 95, .	3.2	43
8	Crossover from 2D Ferromagnetic Insulator to Wide Band Gap Quantum Anomalous Hall Insulator in Ultrathin MnBi₂Te₄. ACS Nano, 2021, 15, 13444-13452.	14.6	31
9	Freestanding n-Doped Graphene via Intercalation of Calcium and Magnesium into the Buffer Layerâ€“SiC(0001) Interface. Chemistry of Materials, 2020, 32, 6464-6482.	6.7	28
10	80% Valley Polarization of Free Carriers in Singly Oriented Single-Layer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>WS</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:m on Au(111). Physical Review Letters, 2019, 123, 236802.	7.8	27
11	Electronic Band Structure of In-Plane Ferroelectric van der Waals Î²â€²-In₂Se₃. ACS Applied Electronic Materials, 2020, 2, 213-219.	4.3	26
12	Exciting H₂ Molecules for Graphene Functionalization. ACS Nano, 2018, 12, 513-520.	14.6	24
13	Facile electrochemical transfer of large-area single crystal epitaxial graphene from Ir(1â€‰1â€‰1). Journal Physics D: Applied Physics, 2015, 48, 115306.	2.8	23
14	Spin-dependent electron-phonon coupling in the valence band of single-layer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>WS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> Physical Review B, 2017, 96, .	3.2	22
15	Enhancing Graphene Protective Coatings by Hydrogen-Induced Chemical Bond Formation. ACS Applied Nano Materials, 2018, 1, 4509-4515.	5.0	19
16	Sputtering an exterior metal coating on copper enclosure for large-scale growth of single-crystalline graphene. 2D Materials, 2017, 4, 045017.	4.4	17
17	Transient hot electron dynamics in single-layer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TaS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> Physical Review B, 2019, 99, .	3.2	15
18	Magnesium-intercalated graphene on SiC: Highly n-doped air-stable bilayer graphene at extreme displacement fields. Applied Surface Science, 2021, 541, 148612.	6.1	11

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19	Electroinduced Intercalation of Tetraalkylammonium Ions at the Interface of Graphene Grown on Copper, Platinum, and Iridium. ChemElectroChem, 2016, 3, 2202-2211.	3.4	10
20	Spectroscopic view of ultrafast charge carrier dynamics in single- and bilayer transition metal dichalcogenide semiconductors. Journal of Electron Spectroscopy and Related Phenomena, 2021, 250, 147093.	1.7	9
21	A narrow bandwidth extreme ultra-violet light source for time- and angle-resolved photoemission spectroscopy. Structural Dynamics, 2022, 9, 024304.	2.3	9
22	Magnetic anisotropy of the spin tetramer system<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>SeCuO</mml:mtext><mml:mn>3</mml:mn></mml:msub></mml:math> by torque magnetometry and ESR spectroscopy. Physical Review B, 2014, 89, .	3.7	7
23	Fragility of the Dirac Cone Splitting in Topological Crystalline Insulator Heterostructures. ACS Nano, 2018, 12, 617-626.	14.6	7
24	Hydrogen interaction with graphene on Ir(1â€‰1â€‰1): a combined intercalation and functionalization study. Journal of Physics Condensed Matter, 2019, 31, 085001.	1.8	6
25	Low-Temperature Growth of Graphene on a Semiconductor. Journal of Physical Chemistry C, 2021, 125, 4243-4252.	3.1	6
26	Increasing the Rate of Magnesium Intercalation Underneath Epitaxial Graphene on 6Hâ€SiC(0001). Advanced Materials Interfaces, 2021, 8, 2101598.	3.7	6
27	A Simplified Method for Patterning Graphene on Dielectric Layers. ACS Applied Materials & Interfaces, 2021, 13, 37510-37516.	8.0	0