

Eva Y Andrei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3600523/publications.pdf>

Version: 2024-02-01

44
papers

7,917
citations

186265

28
h-index

243625

44
g-index

48
all docs

48
docs citations

48
times ranked

9848
citing authors

#	ARTICLE	IF	CITATIONS
1	Approaching ballistic transport in suspended graphene. Nature Nanotechnology, 2008, 3, 491-495.	31.5	2,865
2	Fractional quantum Hall effect and insulating phase of Dirac electrons in graphene. Nature, 2009, 462, 192-195.	27.8	823
3	Charge order and broken rotational symmetry in magic-angle twisted bilayer graphene. Nature, 2019, 573, 91-95.	27.8	491
4	Scanning Tunneling Spectroscopy of Graphene on Graphite. Physical Review Letters, 2009, 102, 176804.	7.8	456
5	Graphene bilayers with a twist. Nature Materials, 2020, 19, 1265-1275.	27.5	416
6	Observation of Landau levels of Dirac fermions in graphite. Nature Physics, 2007, 3, 623-627.	16.7	308
7	Bandgap, Mid-Gap States, and Gating Effects in MoS ₂ . Nano Letters, 2014, 14, 4628-4633.	9.1	286
8	The marvels of moiré materials. Nature Reviews Materials, 2021, 6, 201-206.	48.7	262
9	Electronic properties of graphene: a perspective from scanning tunneling microscopy and magnetotransport. Reports on Progress in Physics, 2012, 75, 056501.	20.1	220
10	Chern insulators, van Hove singularities and topological flat bands in magic-angle twisted bilayer graphene. Nature Materials, 2021, 20, 488-494.	27.5	192
11	Epitaxial growth of topological insulator Bi ₂ Se ₃ film on Si(111) with atomically sharp interface. Thin Solid Films, 2011, 520, 224-229.	1.8	180
12	Visualizing Strain-Induced Pseudomagnetic Fields in Graphene through an hBN Magnifying Glass. Nano Letters, 2017, 17, 2839-2843.	9.1	125
13	Evidence of flat bands and correlated states in buckled graphene superlattices. Nature, 2020, 584, 215-220.	27.8	118
14	High thermoelectric power factor in graphene/hBN devices. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14272-14276.	7.1	112
15	Realization of a tunable artificial atom at a supercritically charged vacancy in graphene. Nature Physics, 2016, 12, 545-549.	16.7	110
16	Flame synthesis of graphene films in open environments. Carbon, 2011, 49, 5064-5070.	10.3	90
17	Quantized Landau level spectrum and its density dependence in graphene. Physical Review B, 2011, 83, .	3.2	90
18	Tuning a circular p-n junction in graphene from quantum confinement to optical guiding. Nature Nanotechnology, 2017, 12, 1045-1049.	31.5	79

#	ARTICLE	IF	CITATIONS
37	Atomic scale characterization of mismatched graphene layers. Journal of Electron Spectroscopy and Related Phenomena, 2017, 219, 92-98.	1.7	8
38	Nanoscale Internal Fields in a Biased Grapheneâ€“Insulatorâ€“Semiconductor Structure. Journal of Physical Chemistry Letters, 2016, 7, 3434-3439.	4.6	5
39	Observation of a topological defect lattice in the charge density wave of 1T-TaS2. Applied Physics Letters, 2021, 119, .	3.3	5
40	Electronic states on the surface of graphite. Physica B: Condensed Matter, 2009, 404, 2673-2677.	2.7	3
41	Probing Dirac Fermions in Graphene by Scanning Tunneling Microscopy and Spectroscopy. Nanoscience and Technology, 2014, , 29-63.	1.5	2
42	Dynamic phase boundary of a moving Bragg glass. Physica C: Superconductivity and Its Applications, 2004, 408-410, 510-511.	1.2	1
43	TOWARDS BALLISTIC TRANSPORT IN GRAPHENE. , 2008, , .		0
44	Scanning Tunneling Microscopy and Spectroscopy of Graphene. Nanoscience and Technology, 2011, , 57-91.	1.5	0