

# Robust superconductivity in magic-angle multilayer gra

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Stacks on stacks on stacks. Nature Materials, 2022, 21, 842-843.	27.5	3
2	Symmetry Breaking and Anomalous Conductivity in a Double-Moiré Superlattice. Nano Letters, 2022, 22, 6215-6222.	9.1	11
3	Mott correlations in ABC graphene trilayer aligned with hBN. Physical Review B, 2022, 106, .	3.2	6
4	Reentrant magic-angle phenomena in twisted bilayer graphene in integer magnetic fluxes. Physical Review B, 2022, 106, .	3.2	4
5	Pairing symmetry of twisted bilayer graphene: A phenomenological synthesis. Physical Review B, 2022, 106, .	3.2	24
6	Enhanced Chemical Stability in the Twisted Dodecagonal Stacking of Two-Dimensional Copper Nanocluster Assemblies. Journal of Physical Chemistry Letters, 2022, 13, 8793-8800.	4.6	2
7	Magic angles in twisted bilayer graphene near commensuration: Towards a hypermagic regime. Physical Review B, 2022, 106, .	3.2	11
8	Role of electromagnetic gauge-field fluctuations in the selection between chiral and nematic superconductivity. Physical Review B, 2022, 106, .	3.2	3
9	Type-II quantum spin Hall effect in two-dimensional metals. Journal of Physics Condensed Matter, 0, , .	1.8	0
10	Analysis of the Development Trend of Graphene Patents in Key Regions in China. Statistics and Applications, 2022, 11, 1226-1234.	0.1	0
11	An Overview of Interregional Graphene Patent Data Analysis in Jiangsu Province. Material Sciences, 2022, 12, 972-988.	0.0	0
12	Enhanced superconductivity through virtual tunneling in Bernal bilayer graphene coupled to <math xmlns:mml="http://www.w3.org/1998/Math/MathML" >WSe<sub>2</sub></math> Physical Review B, 2022, 106, .	3.2	11
13	Light localization in defective periodic photonic moiré-like lattices. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2022, 39, 2291.	1.5	2
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15	Breaking Rotational Symmetry in Supertwisted WS <sub>2</sub> Spirals via Moiré Magnification of Intrinsic Heterostrain. Nano Letters, 2022, 22, 9027-9035.	9.1	11
16	Correlated and topological physics in ABC-trilayer graphene moiré superlattices. , 2022, 1, .		1
17	Modulations in Superconductors: Probes of Underlying Physics. Advanced Materials, 2023, 35, .	21.0	0
18	Dirac spectroscopy of strongly correlated phases in twisted trilayer graphene. Nature Materials, 2023, 22, 316-321.	27.5	16

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19	Non-Additive Optical Response in Transition Metal Dichalcogenides Heterostructures. <i>Nanomaterials</i> , 2022, 12, 4436.	4.1	4
20	Enhanced superconductivity in spin-orbit proximitized bilayer graphene. <i>Nature</i> , 2023, 613, 268-273.	27.8	44
21	Unravelling the magic of twisted trilayer graphene. <i>Nature Materials</i> , 0, , .	27.5	1
22	The Compliance of the Upper Critical Field in Magic-Angle Multilayer Graphene with the Pauli Limit. <i>Materials</i> , 2023, 16, 256.	2.9	1
23	Flat Bands for Electrons in Rhombohedral Graphene Multilayers with a Twin Boundary. <i>Advanced Materials Interfaces</i> , 2023, 10, .	3.7	3
24	Commensurate and incommensurate double moiré interference in twisted trilayer graphene. <i>Physical Review B</i> , 2023, 107, .	3.2	5
25	Andreev reflection spectroscopy in strongly paired superconductors. <i>Physical Review B</i> , 2023, 107, .	3.2	3
26	Critical magnetic fields and electron pairing in magic-angle twisted bilayer graphene. <i>Physical Review B</i> , 2023, 107, .	3.2	3
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28	Helical Trilayer Nanographenes with Tunable Interlayer Overlaps. <i>Journal of the American Chemical Society</i> , 2023, 145, 2815-2821.	13.7	10
29	Multilayer graphenes as a platform for interaction-driven physics and topological superconductivity. <i>Physical Review B</i> , 2023, 107, .	3.2	15
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34	Graphene in Polymeric Nanocomposite Membranes—Current State and Progress. <i>Processes</i> , 2023, 11, 927.	2.8	4
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36	Antenna-coupled graphene Josephson-junction terahertz detector. <i>MRS Advances</i> , 0, , .	0.9	0

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38	Superconductivity from electronic interactions and spin-orbit enhancement in bilayer and trilayer graphene. <i>Physical Review B</i> , 2023, 107, .	3.2	13
39	Superconductivity and correlated phases in non-twisted bilayer and trilayer graphene. <i>Nature Reviews Physics</i> , 2023, 5, 304-315.	26.6	15
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41	pyTDGL: Time-dependent Ginzburg-Landau in Python. <i>Computer Physics Communications</i> , 2023, 291, 108799.	7.5	2
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43	Network of chiral one-dimensional channels and localized states emerging in a moiré system. <i>2D Materials</i> , 2023, 10, 035033.	4.4	1
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45	Intrinsic Coherence Length Anisotropy in Nickelates and Some Iron-Based Superconductors. <i>Materials</i> , 2023, 16, 4367.	2.9	0
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47	Topological origin of flat bands as pseudo-Landau levels in uniaxial strained graphene nanoribbons and induced magnetic ordering due to electron-electron interactions. <i>Physical Review B</i> , 2023, 107, .	3.2	5
48	Electronic structure of biased alternating-twist multilayer graphene. <i>Physical Review B</i> , 2023, 107, .	3.2	1
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52	Hunting for Majoranas. <i>Science</i> , 2023, 380, .	12.6	10
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57	Controllable bandgaps of multilayer graphene quantum dots tuned by stacking thickness, interlayer twist and external electric field. <i>Journal of Materials Science</i> , 0, , .	3.7	1
58	Inducing superconductivity in bilayer graphene by alleviation of the Stoner blockade. <i>Physical Review B</i> , 2023, 108, .	3.2	2
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