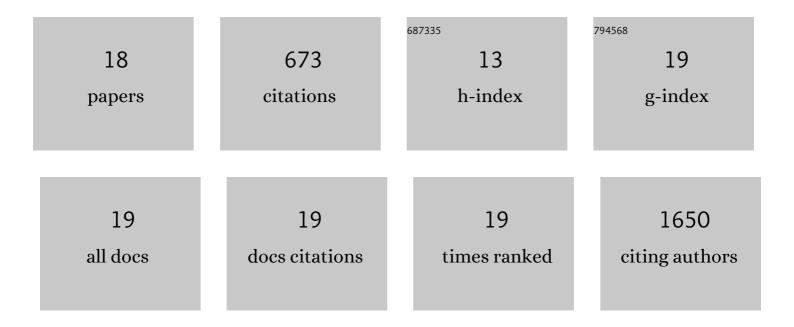
Piranavan Kumaravadivel

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Out-of-equilibrium criticalities in graphene superlattices. Science, 2022, 375, 430-433.	12.6	34
2	Graphene's non-equilibrium fermions reveal Doppler-shifted magnetophonon resonances accompanied by Mach supersonic and Landau velocity effects. Nature Communications, 2021, 12, 6392.	12.8	5
3	Long-range ballistic transport of Brown-Zak fermions in graphene superlattices. Nature Communications, 2020, 11, 5756.	12.8	25
4	Control of electron-electron interaction in graphene by proximity screening. Nature Communications, 2020, 11, 2339.	12.8	46
5	Minibands in twisted bilayer graphene probed by magnetic focusing. Science Advances, 2020, 6, eaay7838.	10.3	21
6	Strong magnetophonon oscillations in extra-large graphene. Nature Communications, 2019, 10, 3334.	12.8	25
7	Magnetophonon spectroscopy of Dirac fermion scattering by transverse and longitudinal acoustic phonons in graphene. Physical Review B, 2019, 100, .	3.2	16
8	Giant oscillations in a triangular network of one-dimensional states in marginally twisted graphene. Nature Communications, 2019, 10, 4008.	12.8	67
9	Micromagnetometry of two-dimensional ferromagnets. Nature Electronics, 2019, 2, 457-463.	26.0	93
10	Dislocation-driven SnTe surface defects during chemical vapor deposition growth. Journal of Physics and Chemistry of Solids, 2019, 128, 351-359.	4.0	8
11	Direct Synthesis of Large cale WTe ₂ Thin Films with Low Thermal Conductivity. Advanced Functional Materials, 2017, 27, 1605928.	14.9	86
12	Ultrathin dendrimer–graphene oxide composite film for stable cycling lithium–sulfur batteries. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3578-3583.	7.1	90
13	Magnetic field suppression of Andreev conductance at superconductor–graphene interface. 2D Materials, 2017, 4, 045011.	4.4	4
14	Synthesis and superconductivity of In-doped SnTe nanostructures. APL Materials, 2017, 5, .	5.1	11
15	Suppression of Magnetoresistance in Thin WTe ₂ Flakes by Surface Oxidation. ACS Applied Materials & Interfaces, 2017, 9, 23175-23180.	8.0	47
16	Signatures of evanescent transport in ballistic suspended graphene-superconductor junctions. Scientific Reports, 2016, 6, 24274.	3.3	13
17	Tuning strain in flexible graphene nanoelectromechanical resonators. Applied Physics Letters, 2015, 107, .	3.3	20
18	Bolometric response in graphene based superconducting tunnel junctions. Applied Physics Letters, 2012, 100, .	3.3	60