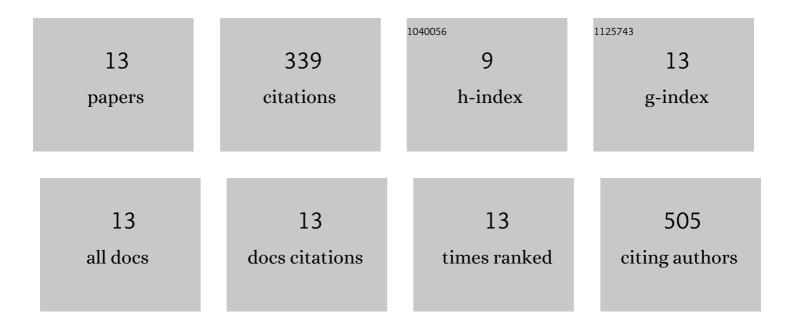
## Dawei Zhai

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3591395/publications.pdf Version: 2024-02-01



ΠΑΝΛΕΙ ΖΗΛΙ

#	Article	IF	CITATIONS
1	Tuning the Pseudospin Polarization of Graphene by a Pseudomagnetic Field. Nano Letters, 2017, 17, 2240-2245.	9.1	113
2	Experimental Observation of Giant Chiroptical Amplification of Small Chiral Molecules by Gold Nanosphere Clusters. Journal of Physical Chemistry C, 2014, 118, 9690-9695.	3.1	77
3	Local versus extended deformed graphene geometries for valley filtering. Physical Review B, 2018, 98, .	3.2	37
4	Theory of tunable flux lattices in the homobilayer moiré of twisted and uniformly strained transition metal dichalcogenides. Physical Review Materials, 2020, 4, .	2.4	20
5	Plasmonic polymers with strong chiroptical response for sensing molecular chirality. Nanoscale, 2015, 7, 10690-10698.	5.6	19
6	Electron dynamics in strained graphene. Modern Physics Letters B, 2019, 33, 1930001.	1.9	16
7	Giant optical activity from the radiative electromagnetic interactions in plasmonic nanoantennas. Nanoscale, 2013, 5, 3889.	5.6	12
8	Linking interlayer twist angle to geometrical parameters of self-assembled folded graphene structures. 2D Materials, 2019, 6, 015021.	4.4	12
9	Twist versus heterostrain control of optical properties of moir $ ilde{A}$ © exciton minibands. 2D Materials, 2021, 8, 044016.	4.4	11
10	Layer Pseudospin Dynamics and Genuine Non-Abelian Berry Phase in Inhomogeneously Strained Moiré Pattern. Physical Review Letters, 2020, 125, 266404.	7.8	9
11	Sublattice symmetry breaking and Kondo-effect enhancement in strained graphene. Physical Review B, 2019, 99, .	3.2	8
12	Ultrafast control of moiré pseudoâ€electromagnetic field in homobilayer semiconductors. Natural Sciences, 2022, 2, .	2.1	3
13	Anomalous Magneto-Optical Response and Chiral Interface of Dipolar Excitons at Twisted Valleys. Nano Letters, 2022, 22, 5466-5472.	9.1	2