

# Jason Horng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8870720/publications.pdf>

Version: 2024-02-01

12  
papers

894  
citations

933447

10  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drude conductivity of Dirac fermions in graphene. Physical Review B, 2011, 83, .	3.2	447
2	Strain-Modulated Bandgap and Piezo-Resistive Effect in Black Phosphorus Field-Effect Transistors. Nano Letters, 2017, 17, 6097-6103.	9.1	117
3	Gate-dependent pseudospin mixing in graphene/boron nitride moiré superlattices. Nature Physics, 2014, 10, 743-747.	16.7	64
4	Highly valley-polarized singlet and triplet interlayer excitons in van der Waals heterostructure. Physical Review B, 2019, 100, .	3.2	58
5	Observation of interlayer excitons in $\text{MoSe}_2$ single crystals. Physical Review B, 2018, 97, .	16.7	48
6	Biexcitonic optical Stark effects in monolayer molybdenum diselenide. Nature Physics, 2018, 14, 1092-1096.	16.7	48
7	Valley-dependent exciton fine structure and Autler-Townes doublets from Berry phases in monolayer $\text{MoSe}_2$ . Nature Materials, 2019, 18, 1065-1070.	27.5	34
8	Perfect Absorption by an Atomically Thin Crystal. Physical Review Applied, 2020, 14, .	3.8	29
9	Engineering radiative coupling of excitons in 2D semiconductors. Optica, 2019, 6, 1443.	9.3	23
10	Imaging electric field dynamics with graphene optoelectronics. Nature Communications, 2016, 7, 13704.	12.8	14
11	Graphene Electric Field Sensor Enables Single Shot Label-Free Imaging of Bioelectric Potentials. Nano Letters, 2021, 21, 4944-4949.	9.1	6
12	Infrared spectroscopy of graphene. , 2011, , .		0