

Genevieve Clark

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10692668/genevieve-clark-publications-by-citations.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22

papers

6,772

citations

17

h-index

24

g-index

24

ext. papers

8,846

ext. citations

20.4

avg, IF

5.69

L-index

#	Paper	IF	Citations
22	Layer-dependent ferromagnetism in a van der Waals crystal down to the monolayer limit. <i>Nature</i> , 2017 , 546, 270-273	50.4	2210
21	Valleytronics in 2D materials. <i>Nature Reviews Materials</i> , 2016 , 1,	73.3	1045
20	Observation of long-lived interlayer excitons in monolayer MoSe ₂ -WSe ₂ heterostructures. <i>Nature Communications</i> , 2015 , 6, 6242	17.4	896
19	Electrical control of 2D magnetism in bilayer CrI. <i>Nature Nanotechnology</i> , 2018 , 13, 544-548	28.7	626
18	Single quantum emitters in monolayer semiconductors. <i>Nature Nanotechnology</i> , 2015 , 10, 497-502	28.7	556
17	Intrinsic homogeneous linewidth and broadening mechanisms of excitons in monolayer transition metal dichalcogenides. <i>Nature Communications</i> , 2015 , 6, 8315	17.4	309
16	Giant nonreciprocal second-harmonic generation from antiferromagnetic bilayer CrI. <i>Nature</i> , 2019 , 572, 497-501	50.4	172
15	Probing the Influence of Dielectric Environment on Excitons in Monolayer WSe: Insight from High Magnetic Fields. <i>Nano Letters</i> , 2016 , 16, 7054-7060	11.5	148
14	Magnetic behavior and spin-lattice coupling in cleavable van der Waals layered CrCl ₃ crystals. <i>Physical Review Materials</i> , 2017 , 1,	3.2	141
13	Hybrid Tip-Enhanced Nanospectroscopy and Nanoimaging of Monolayer WSe ₂ with Local Strain Control. <i>Nano Letters</i> , 2016 , 16, 2621-7	11.5	123
12	Atomically Thin CrCl: An In-Plane Layered Antiferromagnetic Insulator. <i>Nano Letters</i> , 2019 , 19, 3993-3998	11.5	120
11	Radiative control of dark excitons at room temperature by nano-optical antenna-tip Purcell effect. <i>Nature Nanotechnology</i> , 2018 , 13, 59-64	28.7	113
10	Single Defect Light-Emitting Diode in a van der Waals Heterostructure. <i>Nano Letters</i> , 2016 , 16, 3944-8	11.5	95
9	Nanocavity Integrated van der Waals Heterostructure Light-Emitting Tunneling Diode. <i>Nano Letters</i> , 2017 , 17, 200-205	11.5	94
8	Vapor-transport growth of high optical quality WSe ₂ monolayers a. <i>APL Materials</i> , 2014 , 2, 101101	5.7	48
7	Dynamic Optical Tuning of Interlayer Interactions in the Transition Metal Dichalcogenides. <i>Nano Letters</i> , 2017 , 17, 7761-7766	11.5	29
6	Anisotropic structural dynamics of monolayer crystals revealed by femtosecond surface X-ray scattering. <i>Nature Photonics</i> , 2019 , 13, 425-430	33.9	19

LIST OF PUBLICATIONS

- | | | | |
|---|---|------|----|
| 5 | High-speed programmable photonic circuits in a cryogenically compatible, visiblenear-infrared 200 nm CMOS architecture. <i>Nature Photonics</i> , 2022 , 16, 59-65 | 33.9 | 13 |
| 4 | Ultra-Long Lifetimes of Single Quantum Emitters in Monolayer WSe ₂ /hBN Heterostructures. <i>Advanced Quantum Technologies</i> , 2019 , 2, 1900022 | 4.3 | 8 |
| 3 | Cryogenic operation of silicon photonic modulators based on the DC Kerr effect. <i>Optica</i> , 2020 , 7, 1385 | 8.6 | 6 |
| 2 | Piezo-optomechanical cantilever modulators for VLSI visible photonics. <i>APL Photonics</i> , 2022 , 7, 051304 | 5.2 | 1 |
| 1 | Observation of Single-Electron Transport and Charging on Individual Point Defects in Atomically Thin WSe ₂ . <i>Journal of Physical Chemistry C</i> , 2021 , 125, 14056-14064 | 3.8 | 0 |