

# Kai-Qiang Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2207701/publications.pdf>

Version: 2024-02-01

33  
papers

1,591  
citations

331670

21  
h-index

501196

28  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2893  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitatively Deciphering Electronic Properties of Defects at Atomically Thin Transition-Metal Dichalcogenides. ACS Nano, 2022, 16, 4786-4794.	14.6	7
2	Tailoring Coulomb correlations in twisted WSe <sub>2</sub> bilayers. , 2021, , .		0
3	Twist-angle engineering of excitonic quantum interference and optical nonlinearities in stacked 2D semiconductors. Nature Communications, 2021, 12, 1553.	12.8	28
4	A roadmap for interlayer excitons. Light: Science and Applications, 2021, 10, 99.	16.6	10
5	Moiré phonons in twisted MoSe <sub>2</sub> –WSe <sub>2</sub> heterobilayers and their correlation with interlayer excitons. 2D Materials, 2021, 8, 035030.	4.4	29
6	Twist-Tailoring Hybrid Excitons In Van Der Waals Homobilayers. , 2021, , .		0
7	Momentum-Resolved Observation of Exciton Formation Dynamics in Monolayer WS <sub>2</sub> . Nano Letters, 2021, 21, 5867-5873.	9.1	45
8	Large-scale Mapping of Moiré Superlattices by Hyperspectral Raman Imaging. Advanced Materials, 2021, 33, e2008333.	21.0	41
9	Large-scale Mapping of Moiré Superlattices by Hyperspectral Raman Imaging (Adv. Mater. 34/2021). Advanced Materials, 2021, 33, 2170267.	21.0	0
10	Narrow-band high-lying excitons with negative-mass electrons in monolayer WSe <sub>2</sub> . Nature Communications, 2021, 12, 5500.	12.8	29
11	Electronic and vibrational surface-enhanced Raman scattering: from atomically defined Au(111) and (100) to roughened Au. Chemical Science, 2020, 11, 9807-9817.	7.4	23
12	Observing atomic layer electrodeposition on single nanocrystals surface by dark field spectroscopy. Nature Communications, 2020, 11, 2518.	12.8	47
13	Hybridized intervalley moiré excitons and flat bands in twisted WSe <sub>2</sub> bilayers. Nanoscale, 2020, 12, 11088-11094.	5.6	55
14	Twist-tailoring Coulomb correlations in van der Waals homobilayers. Nature Communications, 2020, 11, 2167.	12.8	63
15	Excitons in twisted van der Waals bilayers: Internal structure and ultrafast dynamics. , 2020, , .		0
16	Polymer Coatings Tune Electromagnetically Induced Transparency in Two-Dimensional Semiconductors. ACS Photonics, 2019, 6, 3115-3119.	6.6	7
17	Photo-induced exfoliation of monolayer transition metal dichalcogenide semiconductors. 2D Materials, 2019, 6, 045052.	4.4	11
18	Ultrafast transition between exciton phases in van der Waals heterostructures. Nature Materials, 2019, 18, 691-696.	27.5	168

#	ARTICLE	IF	CITATIONS
19	Probing the edge-related properties of atomically thin MoS <sub>2</sub> at nanoscale. Nature Communications, 2019, 10, 5544.	12.8	108
20	Quantum interference in second-harmonic generation from monolayer WSe <sub>2</sub> . Nature Physics, 2019, 15, 242-246.	16.7	77
21	Ultrafast Transition from Intra- to Interlayer Exciton Phases in a Van Der Waals Heterostructure. , 2019, , .		0
22	Rational fabrication of silver-coated AFM TERS tips with a high enhancement and long lifetime. Nanoscale, 2018, 10, 4398-4405.	5.6	28
23	Quantifying Surface Temperature of Thermoplasmonic Nanostructures. Journal of the American Chemical Society, 2018, 140, 13680-13686.	13.7	92
24	Plasmonic photoluminescence for recovering native chemical information from surface-enhanced Raman scattering. Nature Communications, 2017, 8, 14891.	12.8	138
25	Size Effect on SERS of Gold Nanorods Demonstrated via Single Nanoparticle Spectroscopy. Journal of Physical Chemistry C, 2016, 120, 20806-20813.	3.1	123
26	Intraband Hot-Electron Photoluminescence from Single Silver Nanorods. ACS Photonics, 2016, 3, 1248-1255.	6.6	66
27	Applications of plasmonics: general discussion. Faraday Discussions, 2015, 178, 435-466.	3.2	17
28	Quantum plasmonics, gain and spasers: general discussion. Faraday Discussions, 2015, 178, 325-334.	3.2	4
29	Surface plasmon enhanced spectroscopies and time and space resolved methods: general discussion. Faraday Discussions, 2015, 178, 253-279.	3.2	3
30	Extraction of Absorption and Scattering Contribution of Metallic Nanoparticles Toward Rational Synthesis and Application. Analytical Chemistry, 2015, 87, 1058-1065.	6.5	50
31	Probing the Location of Hot Spots by Surface-Enhanced Raman Spectroscopy: Toward Uniform Substrates. ACS Nano, 2014, 8, 528-536.	14.6	136
32	Electrostatic Self-Assembling Formation of Pd Superlattice Nanowires from Surfactant-Free Ultrathin Pd Nanosheets. Journal of the American Chemical Society, 2014, 136, 12856-12859.	13.7	66
33	Carbon Monoxide-Assisted Synthesis of Single-Crystalline Pd Tetrapod Nanocrystals through Hydride Formation. Journal of the American Chemical Society, 2012, 134, 7073-7080.	13.7	120