

# David K Sang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12192328/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	THz photonics in two dimensional materials and metamaterials: properties, devices and prospects. Journal of Materials Chemistry C, 2018, 6, 1291-1306.	5.5	124
2	Recent Developments in Stability and Passivation Techniques of Phosphorene toward Next-Generation Device Applications. Advanced Functional Materials, 2019, 29, 1903419.	14.9	113
3	Black Phosphorous/Indium Selenide Photoconductive Detector for Visible and Near-Infrared Light with High Sensitivity. Advanced Optical Materials, 2019, 7, 1900020.	7.3	89
4	High-performance polarization-sensitive photodetectors on two-dimensional $\text{In}_2\text{Se}_3$ . National Science Review, 2022, 9, nwab098.	9.5	75
5	Two Dimensional $\text{In}_2\text{Se}_3$ with Layer-Dependent Properties: Band Alignment, Work Function and Optical Properties. Nanomaterials, 2019, 9, 82.	4.1	43
6	Electronic and Optical Properties of Two-Dimensional Tellurene: From First-Principles Calculations. Nanomaterials, 2019, 9, 1075.	4.1	40
7	Liquefaction of water on the surface of anisotropic two-dimensional atomic layered black phosphorus. Nature Communications, 2019, 10, 4062.	12.8	37
8	Interfacial Structures, Surface Tensions, and Contact Angles of Diiodomethane on Fluorinated Polymers. Journal of Physical Chemistry C, 2014, 118, 10143-10152.	3.1	25
9	Evolutional carrier mobility and power factor of two-dimensional tin telluride due to quantum size effects. Journal of Materials Chemistry C, 2020, 8, 4181-4191.	5.5	11
10	Gold-patterned microarray chips for ultrasensitive surface-enhanced Raman scattering detection of ultratrace samples. Journal of Raman Spectroscopy, 2019, 50, 26-33.	2.5	9
11	Black Phosphorous Photodetectors: Black Phosphorous/Indium Selenide Photoconductive Detector for Visible and Near-Infrared Light with High Sensitivity (Advanced Optical Materials 12/2019). Advanced Optical Materials, 2019, 7, 1970047.	7.3	3