

# Nick Pant

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5005422/publications.pdf>

Version: 2024-02-01

7  
papers

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1478505

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1720034

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docs citations

7  
times ranked

611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient binary copper <sup>+</sup> iron catalyst for photoelectrochemical carbon dioxide reduction toward methane. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1330-1338.	7.1	93
2	Gallium nitride nanowire as a linker of molybdenum sulfides and silicon for photoelectrocatalytic water splitting. Nature Communications, 2018, 9, 3856.	12.8	87
3	Efficient Unassisted Overall Photocatalytic Seawater Splitting on GaN-Based Nanowire Arrays. Journal of Physical Chemistry C, 2018, 122, 13797-13802.	3.1	85
4	A GaN:Sn nanoarchitecture integrated on a silicon platform for converting CO <sub>2</sub> to HCOOH by photoelectrocatalysis. Energy and Environmental Science, 2019, 12, 2842-2848.	30.8	75
5	Making of an Industry-Friendly Artificial Photosynthesis Device. ACS Energy Letters, 2018, 3, 2230-2231.	17.4	48
6	High electron mobility of Al <sub>x</sub> Ga <sub>1-x</sub> N evaluated by unfolding the DFT band structure. Applied Physics Letters, 2020, 117, 242105.	3.3	17
7	Theoretical characterization and computational discovery of ultra-wide-band-gap semiconductors with predictive atomistic calculations. Journal of Materials Research, 2021, 36, 4616-4637.	2.6	7