

# 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

412  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical characterization and computational discovery of ultra-wide-band-gap semiconductors with predictive atomistic calculations. <i>Journal of Materials Research</i> , 2021, 36, 4616-4637.	2.6	7
2	Highly efficient binary copper-iron catalyst for photoelectrochemical carbon dioxide reduction toward methane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1330-1338.	7.1	93
3	High electron mobility of $\text{Al}_x\text{Ga}_{1-x}\text{N}$ evaluated by unfolding the DFT band structure. <i>Applied Physics Letters</i> , 2020, 117, 242105.	3.3	17
4	A GaN:Sn nanoarchitecture integrated on a silicon platform for converting $\text{CO}_2$ to HCOOH by photoelectrocatalysis. <i>Energy and Environmental Science</i> , 2019, 12, 2842-2848.	30.8	75
5	Efficient Unassisted Overall Photocatalytic Seawater Splitting on GaN-Based Nanowire Arrays. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13797-13802.	3.1	85
6	Gallium nitride nanowire as a linker of molybdenum sulfides and silicon for photoelectrocatalytic water splitting. <i>Nature Communications</i> , 2018, 9, 3856.	12.8	87
7	Making of an Industry-Friendly Artificial Photosynthesis Device. <i>ACS Energy Letters</i> , 2018, 3, 2230-2231.	17.4	48