

# Angela N Fioretti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3962251/publications.pdf>

Version: 2024-02-01

14  
papers

894  
citations

933447

10  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Defect Tolerant Semiconductors for Solar Energy Conversion. Journal of Physical Chemistry Letters, 2014, 5, 1117-1125.	4.6	304
2	Synthesis, structure, and optoelectronic properties of $\text{IV}^{\text{V}}\text{V}^{\text{2}}$ materials. Journal of Materials Chemistry A, 2017, 5, 11418-11435.	10.3	145
3	Combinatorial insights into doping control and transport properties of zinc tin nitride. Journal of Materials Chemistry C, 2015, 3, 11017-11028.	5.5	128
4	Monte Carlo simulations of disorder in $\text{ZnSnN}_2$ and the effects on the electronic structure. Physical Review Materials, 2017, 1, .	2.4	79
5	Effects of Hydrogen on Acceptor Activation in Ternary Nitride Semiconductors. Advanced Electronic Materials, 2017, 3, 1600544.	5.1	56
6	Exciton photoluminescence and benign defect complex formation in zinc tin nitride. Materials Horizons, 2018, 5, 823-830.	12.2	41
7	Atypically small temperature-dependence of the direct band gap in the metastable semiconductor copper nitride $\text{Cu}_3\text{N}$ . Physical Review B, 2017, 95, .	3.2	35
8	Low-Temperature $\text{p}^+\text{-n}^-$ Type Microcrystalline Silicon as Carrier Selective Contact for Silicon Heterojunction Solar Cells. IEEE Journal of Photovoltaics, 2019, 9, 1158-1165.	2.5	33
9	Understanding and control of bipolar self-doping in copper nitride. Journal of Applied Physics, 2016, 119, .	2.5	30
10	Bridging the p-type transparent conductive materials gap: synthesis approaches for disperse valence band materials. Journal of Photonics for Energy, 2020, 10, 1.	1.3	20
11	Nitride layer screening as carrier-selective contacts for silicon heterojunction solar cells. AIP Conference Proceedings, 2018, , .	0.4	8
12	Evaluating Materials Design Parameters of Hole-Selective Contacts for Silicon Heterojunction Solar Cells. IEEE Journal of Photovoltaics, 2021, 11, 247-258.	2.5	7
13	Effects of low temperature annealing on the transport properties of zinc tin nitride. , 2015, , .		4
14	Gallium Nitride as Transparent Electron-Selective Contact in Silicon Heterojunction Solar Cells. , 2019, , .		4