

# Pingjuan Niu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1383772/publications.pdf>

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14  
papers

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citations

1478505

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1281871

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g-index

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14  
docs citations

14  
times ranked

262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of needle-free roller spinning technology in nanofibers. Journal of Industrial Textiles, 2021, 50, 906-920.	2.4	2
2	Electrical Transport Properties of Gallium Phosphide under High Pressure. Physica Status Solidi (B): Basic Research, 2020, 257, 1900470.	1.5	4
3	Cooling and Mechanical Performance Analysis of a Trapezoidal Thermoelectric Cooler with Variable Cross-Section. Energies, 2020, 13, 6070.	3.1	10
4	Electrical transport properties of Weyl semimetal WTe <sub>2</sub> under high pressure. Journal of Materials Science, 2020, 55, 14873-14882.	3.7	15
5	Multi-objective optimization of thermoelectric cooler using genetic algorithms. AIP Advances, 2019, 9, .	1.3	13
6	High-Performance Flexible Ultraviolet Photodetectors Based on AZO/ZnO/PVK/PEDOT:PSS Heterostructures Integrated on Human Hair. ACS Applied Materials & Interfaces, 2019, 11, 24459-24467.	8.0	82
7	An analytical model of thermal performance for an eccentric heat source on a rectangular plate with double-sided convective cooling. AIP Advances, 2019, 9, 025002.	1.3	4
8	Electric field analysis of auxiliary electrode in needle-free electrostatic spinning. Ferroelectrics, 2019, 548, 60-71.	0.6	6
9	Investigation on electrical transport properties of nanocrystalline WO <sub>3</sub> under high pressure. Journal of Materials Science, 2018, 53, 6339-6349.	3.7	4
10	Reversible metallization and carrier transport behavior of In <sub>2</sub> S <sub>3</sub> under high pressure. AIP Advances, 2018, 8, .	1.3	7
11	Investigation on high-efficiency Ga <sub>0.51</sub> In <sub>0.49</sub> P/In <sub>0.01</sub> Ga <sub>0.99</sub> As/Ge triple-junction solar cells for space applications. AIP Advances, 2017, 7, .	1.3	21
12	A method for aligning of transmitting and receiving coils of electric vehicle wireless charging based on binocular vision. , 2017, , .		7
13	Photoluminescence and thermal stability of Mn <sup>2+</sup> -doped CdSe/CdS/ZnS quantum dots. , 2016, , .		0
14	Design of greenhouse monitoring and control system based on LED lighting. , 2015, , .		4