

# Daniil Chernodoubov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/246677/publications.pdf>

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9  
papers

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citations

1478505

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1720034

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g-index

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9  
times ranked

71  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the thermal conductivity of single crystal AlN. Journal of Applied Physics, 2020, 127, 205109.	2.5	16
2	Automatic thermal conductivity measurements with 3-omega technique. Review of Scientific Instruments, 2019, 90, 024904.	1.3	15
3	Negative Differential Resistance in Carbon-Based Nanostructures. Physical Review Applied, 2021, 15, .	3.8	12
4	Phonon focusing effect on thermal conductivity of hexagonal group III-nitrides and silicon carbide crystals. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126120.	2.1	8
5	High Thermal Conductivity of Bulk GaN Single Crystal: An Accurate Experimental Determination. JETP Letters, 2020, 112, 106-111.	1.4	8
6	Comparative study of Lu <sub>x</sub> Y <sub>1-x</sub> AlG (x=0..1) laser ceramics doped with 5% Yb <sup>3+</sup> . Ceramics International, 2022, 48, 6294-6301.	4.8	6
7	Specifics of Heat Transfer in Al <sub>x</sub> Ga <sub>1-x</sub> N/GaN Heterostructures on Sapphire. Physics of the Solid State, 2020, 62, 722-726.	0.6	1
8	HIGH THERMAL CONDUCTIVITY OF BULK GAN SINGLE CRYSTAL: AN ACCURATE EXPERIMENTAL DETERMINATION. Journal of Experimental and Theoretical Physics Letters, 2020, 112, 112-113.	0.1	0
9	Lutetium-yttrium aluminum garnet doped with ytterbium – perspective ceramic material for high powered lasers.. , 2020, , .		0