

# Ece Aytan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5556514/publications.pdf>

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9  
papers

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citations

1039880

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docs citations

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times ranked

1170  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Percolation Threshold and Thermal Properties of Composites with High Loading of Graphene and Boron Nitride Fillers. ACS Applied Materials & Interfaces, 2018, 10, 37555-37565.	4.0	243
2	Spin-phonon coupling in antiferromagnetic nickel oxide. Applied Physics Letters, 2017, 111, .	1.5	109
3	Breakdown current density in h-BN-capped quasi-1D TaSe <sub>3</sub> metallic nanowires: prospects of interconnect applications. Nanoscale, 2016, 8, 15774-15782.	2.8	79
4	Current Carrying Capacity of Quasi-1D ZrTe <sub>3</sub> Van Der Waals Nanoribbons. IEEE Electron Device Letters, 2018, 39, 735-738.	2.2	57
5	Plasmonic Core-Shell Zirconium Nitride-Silicon Oxynitride Nanoparticles. ACS Energy Letters, 2018, 3, 2349-2356.	8.8	51
6	Variable-temperature inelastic light scattering spectroscopy of nickel oxide: Disentangling phonons and magnons. Applied Physics Letters, 2017, 110, .	1.5	37
7	Monoclinic structures of niobium trisulfide. APL Materials, 2018, 6, .	2.2	27
8	Acoustic phonon spectrum engineering in bulk crystals via incorporation of dopant atoms. Applied Physics Letters, 2018, 112, .	1.5	17
9	Strain-Controlled Superconductivity in Few-Layer NbSe <sub>2</sub> . ACS Applied Materials & Interfaces, 2020, 12, 38744-38750.	4.0	14