

# Nitish Mathur

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Geometrically stabilized skyrmionic vortex in FeGe tetrahedral nanoparticles. Nature Materials, 2022, 21, 305-310.	27.5	11
2	In-plane Magnetic Field-Driven Creation and Annihilation of Magnetic Skyrmion Strings in Nanostructures. Advanced Functional Materials, 2021, 31, 2008521.	14.9	13
3	Defect-mediated ferromagnetism in correlated two-dimensional transition metal phosphorus trisulfides. Science Advances, 2021, 7, eabj4086.	10.3	35
4	Electron Holography and Magnetotransport Measurements Reveal Stabilized Magnetic Skyrmions in Fe <sub>1-x</sub> Co <sub>x</sub> Si Nanowires. ACS Nano, 2019, 13, 7833-7841.	14.6	20
5	Magnetic skyrmions in nanostructures of non-centrosymmetric materials. APL Materials, 2019, 7, .	5.1	20
6	Electrical Detection and Magnetic Imaging of Stabilized Magnetic Skyrmions in Fe <sub>1-x</sub> Co <sub>x</sub> Ge (<math>x < 0.1</math>) Microplates. Advanced Functional Materials, 2019, 29, 1805418.	14.9	19
7	Chemical Pressure Stabilization of the Cubic B20 Structure in Skyrmion Hosting Fe <sub>1-x</sub> Co <sub>x</sub> Ge Alloys. Chemistry of Materials, 2018, 30, 1146-1154.	6.7	21
8	Selective Chemical Vapor Deposition Growth of Cubic FeGe Nanowires That Support Stabilized Magnetic Skyrmions. Nano Letters, 2017, 17, 508-514.	9.1	29