

# Nitish Mathur

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7953867/publications.pdf>

Version: 2024-02-01

8  
papers

168  
citations

1163117  
8  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

267  
citing authors

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