

# Yunfeng You

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7645810/publications.pdf>

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10  
papers

515  
citations

1040056

9  
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1372567

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g-index

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10  
docs citations

10  
times ranked

741  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric field control of Néel spin-orbit torque in an antiferromagnet. <i>Nature Materials</i> , 2019, 18, 931-935.	27.5	132
2	Spin-orbit torques: Materials, mechanisms, performances, and potential applications. <i>Progress in Materials Science</i> , 2021, 118, 100761.	32.8	127
3	How to manipulate magnetic states of antiferromagnets. <i>Nanotechnology</i> , 2018, 29, 112001.	2.6	79
4	Anomalous Hall Effect-Like Behavior with In-Plane Magnetic Field in Noncollinear Antiferromagnetic Mn <sub>3</sub> Sn Films. <i>Advanced Electronic Materials</i> , 2019, 5, 1800818.	5.1	56
5	Cluster magnetic octupole induced out-of-plane spin polarization in antiperovskite antiferromagnet. <i>Nature Communications</i> , 2021, 12, 6524.	12.8	34
6	Orientation-dependent THz emission in non-collinear antiferromagnetic Mn <sub>3</sub> Sn and Mn <sub>3</sub> Sn-based heterostructures. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	25
7	Size-dependent anomalous Hall effect in noncollinear antiferromagnetic Mn <sub>3</sub> Sn films. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	22
8	Room temperature anomalous Hall effect in antiferromagnetic Mn <sub>3</sub> SnN films. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	20
9	Functional antiferromagnets for potential applications on high-density storage and high frequency. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	18
10	Study of spin mixing conductance of single oriented Pt in Pt/Ni <sub>81</sub> Fe <sub>19</sub> heterostructure by spin pumping. <i>AIP Advances</i> , 2021, 11, 035211.	1.3	2