

Chi Tang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

1,469
citations

20
h-index

25
g-index

25
ext. papers

1,729
ext. citations

8.2
avg, IF

4.57
L-index

#	Paper	IF	Citations
25	Topological Hall effect at above room temperature in heterostructures composed of a magnetic insulator and a heavy metal. <i>Nature Electronics</i> , 2019 , 2, 182-186	28.4	73
24	Direct observation of proximity-induced magnetism and spin reorientation in topological insulator on a ferrimagnetic oxide. <i>Applied Physics Letters</i> , 2019 , 114, 082403	3.4	8
23	Exploring interfacial exchange coupling and sublattice effect in heavy metal/ferrimagnetic insulator heterostructures using Hall measurements, x-ray magnetic circular dichroism, and neutron reflectometry. <i>Physical Review B</i> , 2019 , 99,	3.3	26
22	Interfacial Dzyaloshinskii-Moriya Interaction: Effect of 5d Band Filling and Correlation with Spin Mixing Conductance. <i>Physical Review Letters</i> , 2018 , 120, 157204	7.4	73
21	Approaching quantum anomalous Hall effect in proximity-coupled YIG/graphene/h-BN sandwich structure. <i>APL Materials</i> , 2018 , 6, 026401	5.7	20
20	Pressure-induced spin reorientation transition in layered ferromagnetic insulator Cr ₂ Ge ₂ Te ₆ . <i>Physical Review Materials</i> , 2018 , 2,	3.2	46
19	Role of dimensional crossover on spin-orbit torque efficiency in magnetic insulator thin films. <i>Nature Communications</i> , 2018 , 9, 3612	17.4	53
18	Dirac surface state-modulated spin dynamics in a ferrimagnetic insulator at room temperature. <i>Science Advances</i> , 2018 , 4, eaas8660	14.3	26
17	Above 400-K robust perpendicular ferromagnetic phase in a topological insulator. <i>Science Advances</i> , 2017 , 3, e1700307	14.3	96
16	Deficiency of the bulk spin Hall effect model for spin-orbit torques in magnetic-insulator/heavy-metal heterostructures. <i>Physical Review B</i> , 2017 , 95,	3.3	19
15	An integrated approach to doped thin films with strain-tunable magnetic anisotropy: powder synthesis, target preparation and pulsed laser deposition of Bi:YIG. <i>Materials Research Letters</i> , 2017 , 5, 41-47	7.4	23
14	Enhanced spin Seebeck effect signal due to spin-momentum locked topological surface states. <i>Nature Communications</i> , 2016 , 7, 11458	17.4	77
13	Anomalous Hall hysteresis in Tm ₃ Fe ₅ O ₁₂ /Pt with strain-induced perpendicular magnetic anisotropy. <i>Physical Review B</i> , 2016 , 94,	3.3	78
12	Platinum/yttrium iron garnet inverted structures for spin current transport. <i>Applied Physics Letters</i> , 2016 , 108, 242401	3.4	22
11	Structural and proximity-induced ferromagnetic properties of topological insulator-magnetic insulator heterostructures. <i>AIP Advances</i> , 2016 , 6, 055809	1.5	37
10	Exquisite growth control and magnetic properties of yttrium iron garnet thin films. <i>Applied Physics Letters</i> , 2016 , 108, 102403	3.4	44
9	Observation of magnon-mediated current drag in Pt/yttrium iron garnet/Pt(Ta) trilayers. <i>Nature Communications</i> , 2016 , 7, 10858	17.4	81

8	Epitaxial growth and properties of La _{0.7} Sr _{0.3} MnO ₃ thin films with micrometer wide atomic terraces. <i>Applied Physics Letters</i> , 2015 , 107, 022404	3.4	14
7	Independent Tuning of Electronic Properties and Induced Ferromagnetism in Topological Insulators with Heterostructure Approach. <i>Nano Letters</i> , 2015 , 15, 5835-40	11.5	90
6	Proximity-induced ferromagnetism in graphene revealed by the anomalous Hall effect. <i>Physical Review Letters</i> , 2015 , 114, 016603	7.4	336
5	Experimental investigation of the nature of the magnetoresistance effects in Pd-YIG hybrid structures. <i>Physical Review Letters</i> , 2014 , 113, 037203	7.4	66
4	A comparative transport study of Bi ₂ Se ₃ and Bi ₂ Se ₃ /yttrium iron garnet. <i>Applied Physics Letters</i> , 2014 , 104, 222409	3.4	32
3	Heat-driven spin transport in a ferromagnetic metal. <i>Applied Physics Letters</i> , 2014 , 105, 242404	3.4	16
2	Induced magneto-transport properties at palladium/yttrium iron garnet interface. <i>Applied Physics Letters</i> , 2013 , 103, 132407	3.4	36
1	Magnetic tuning of plasmonic excitation of gold nanorods. <i>Journal of the American Chemical Society</i> , 2013 , 135, 15302-5	16.4	77