

# Gyungchoon Go

## List of Publications by Year in descending order

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24  
papers

1,807  
citations

777949

13  
h-index

685536

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g-index

25  
all docs

25  
docs citations

25  
times ranked

2250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin-orbit torques in normal metal/Nb/ferromagnet heterostructures. Scientific Reports, 2021, 11, 21081.	1.6	4
2	Tunable magnonic cavity analogous to Fabry-Pérot interferometer. Applied Physics Letters, 2021, 119, 202401.	1.5	2
3	Orbital torque in magnetic bilayers. Nature Communications, 2021, 12, 6710.	5.8	69
4	Negative spin Hall magnetoresistance of normal metal/ferromagnet bilayers. Nature Communications, 2020, 11, 3619.	5.8	13
5	Rashba Effect in Functional Spintronic Devices. Advanced Materials, 2020, 32, e2002117.	11.1	77
6	Role of orbital hybridization in anisotropic magnetoresistance. Physical Review B, 2020, 101, .	1.1	10
7	SU(3) Topology of Magnon-Phonon Hybridization in 2D Antiferromagnets. Physical Review Letters, 2020, 124, 147204.	2.9	46
8	Realization of Su-Schrieffer-Heeger states based on metamaterials of magnetic solitons. Physical Review B, 2020, 101, .	1.1	11
9	Numerical computation of spin-transfer torques for antiferromagnetic domain walls. Physical Review B, 2020, 101, .	1.1	9
10	Bulk Dzyaloshinskii-Moriya interaction in amorphous ferrimagnetic alloys. Nature Materials, 2019, 18, 685-690.	13.3	116
11	Unidirectional Magnon-Driven Domain Wall Motion Due to the Interfacial Dzyaloshinskii-Moriya Interaction. Physical Review Letters, 2019, 122, 147202.	2.9	10
12	Magnetization switching by magnon-mediated spin torque through an antiferromagnetic insulator. Science, 2019, 366, 1125-1128.	6.0	127
13	Topological Magnon-Phonon Hybrid Excitations in Two-Dimensional Ferromagnets with Tunable Chern Numbers. Physical Review Letters, 2019, 123, 237207.	2.9	56
14	Long spin coherence length and bulk-like spin-orbit torque in ferrimagnetic multilayers. Nature Materials, 2019, 18, 29-34.	13.3	86
15	Spin currents and spin-orbit torques in ferromagnetic trilayers. Nature Materials, 2018, 17, 509-513.	13.3	337
16	Switching of Perpendicular Magnetization via ac Spin-Orbit Torque. Physical Review Applied, 2018, 10, .	1.5	3
17	Correlation of the Dzyaloshinskii-Moriya interaction with Heisenberg exchange and orbital asphericity. Nature Communications, 2018, 9, 1648.	5.8	60
18	Enhancing current-induced torques by abutting additional spin polarizer layer to nonmagnetic metal layer. Scientific Reports, 2017, 7, 45669.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Coherent terahertz spin-wave emission associated with ferrimagnetic domain wall dynamics. Physical Review B, 2017, 96, .	1.1	50
20	Interfacial Rashba magnetoresistance of the two-dimensional electron gas at the $\text{LaAlO}_3/\text{SrTiO}_3$ interface. Physical Review B, 2017, 96, .	1.1	13
21	Enhanced spin-orbit torque by engineering Pt resistivity in $\text{Pt}/\text{Co}/\text{Pt}$ structures. Physical Review B, 2017, 96, .	1.1	65
22	Autoresonant magnetization switching by spin-orbit torques. Physical Review B, 2017, 95, .	1.1	2
23	Field-free switching of perpendicular magnetization through spin-orbit torque in antiferromagnet/ferromagnet/oxide structures. Nature Nanotechnology, 2016, 11, 878-884.	15.6	438
24	Antiferromagnetic Domain Wall Motion Driven by Spin-Orbit Torques. Physical Review Letters, 2016, 117, 087203.	2.9	201