

# Dongwook Go

## List of Publications by Year in descending order

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22  
papers

1,096  
citations

623734

14  
h-index

677142

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g-index

24  
all docs

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docs citations

24  
times ranked

610  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Spin-Orbit Torques Across the Phase Transition in VO <sub>2</sub> /NiFe Heterostructure. Advanced Functional Materials, 2022, 32, .	14.9	6
2	Observation of the Orbital Rashba-Edelstein Magnetoresistance. Physical Review Letters, 2022, 128, 067201.	7.8	46
3	Spin and orbital transport in rare-earth dichalcogenides: The case of EuS. Physical Review Materials, 2022, 6, .	3.2	14
4	Nontrivial torque generation by orbital angular momentum injection in ferromagnetic-metal/trilayers. Physical Review B, 2021, 103, .	3.2	14
5	Orbital Rashba effect in a surface-oxidized Cu film. Physical Review B, 2021, 103, .	3.2	47
6	Interplay of Dzyaloshinskii-Moriya and Kitaev interactions for magnonic properties of Heisenberg-Kitaev honeycomb ferromagnets. Physical Review B, 2021, 103, .	3.2	14
7	The chiral Hall effect in canted ferromagnets and antiferromagnets. Communications Physics, 2021, 4, .	5.3	15
8	Orbitronics: Orbital currents in solids. Europhysics Letters, 2021, 135, 37001.	2.0	77
9	Efficient conversion of orbital Hall current to spin current for spin-orbit torque switching. Communications Physics, 2021, 4, .	5.3	65
10	Orbital torque in magnetic bilayers. Nature Communications, 2021, 12, 6710.	12.8	69
11	Photocurrents of charge and spin in monolayer Fe <sub>3</sub> X <sub>2</sub> . Physical Review B, 2021, 104, .	3.2	107
12	Harnessing Orbital-to-Spin Conversion of Interfacial Orbital Currents for Efficient Spin-Orbit Torques. Physical Review Letters, 2020, 125, 177201.	7.8	92
13	Imprinting and driving electronic orbital magnetism using magnons. Communications Physics, 2020, 3, .	5.3	11
14	Magnetization switching driven by current-induced torque from weakly spin-orbit coupled Zr. Physical Review Research, 2020, 2, .	3.6	33
15	Orbital torque: Torque generation by orbital current injection. Physical Review Research, 2020, 2, .	3.6	99
16	Theory of current-induced angular momentum transfer dynamics in spin-orbit coupled systems. Physical Review Research, 2020, 2, .	3.6	65
17	Gigantic intrinsic orbital Hall effects in weakly spin-orbit coupled metals. Physical Review B, 2018, 98, .	3.2	107
18	Intrinsic Spin and Orbital Hall Effects from Orbital Texture. Physical Review Letters, 2018, 121, 086602.	7.8	149

#	ARTICLE	IF	CITATIONS
19	Interfacial Rashba magnetoresistance of the two-dimensional electron gas at the $\text{LaAlO}_3/\text{SrTiO}_3$ interface. <i>Physical Review B</i> , 2017, 96, .	3.2	13
20	Toward surface orbitronics: giant orbital magnetism from the orbital Rashba effect at the surface of sp-metals. <i>Scientific Reports</i> , 2017, 7, 46742.	3.3	67
21	Understanding Spin-orbit Torque, Anomalous Hall Effect, and Spin Hall Effect from the Gauge Transformation. <i>Journal of the Korean Magnetism Society</i> , 2017, 27, 185-189.	0.0	0
22	Angular dependence of spin-orbit spin-transfer torques. <i>Physical Review B</i> , 2015, 91, .	3.2	63