

Dongwook Go

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,096
citations

623734

14
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

610
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic Spin and Orbital Hall Effects from Orbital Texture. <i>Physical Review Letters</i> , 2018, 121, 086602.	7.8	149
2	Gigantic intrinsic orbital Hall effects in weakly spin-orbit coupled metals. <i>Physical Review B</i> , 2018, 98, .	3.2	107
3	Orbital torque: Torque generation by orbital current injection. <i>Physical Review Research</i> , 2020, 2, .	3.6	99
4	Harnessing Orbital-to-Spin Conversion of Interfacial Orbital Currents for Efficient Spin-Orbit Torques. <i>Physical Review Letters</i> , 2020, 125, 177201.	7.8	92
5	Orbitronics: Orbital currents in solids. <i>Europhysics Letters</i> , 2021, 135, 37001.	2.0	77
6	Orbital torque in magnetic bilayers. <i>Nature Communications</i> , 2021, 12, 6710.	12.8	69
7	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
8	Theory of current-induced angular momentum transfer dynamics in spin-orbit coupled systems. <i>Physical Review Research</i> , 2020, 2, .	3.6	65
9	Efficient conversion of orbital Hall current to spin current for spin-orbit torque switching. <i>Communications Physics</i> , 2021, 4, .	5.3	65
10	Angular dependence of spin-orbit spin-transfer torques. <i>Physical Review B</i> , 2015, 91, .	3.2	63
11	Nontrivial torque generation by orbital angular momentum injection in ferromagnetic-metal/ trilayers. <i>Physical Review B</i> , 2021, 103, .	3.2	47
12	Orbital Rashba effect in a surface-oxidized Cu film. <i>Physical Review B</i> , 2021, 103, .	3.2	47
13	Observation of the Orbital Rashba-Edelstein Magnetoresistance. <i>Physical Review Letters</i> , 2022, 128, 067201.	7.8	46
14	Magnetization switching driven by current-induced torque from weakly spin-orbit coupled Zr. <i>Physical Review Research</i> , 2020, 2, .	3.6	33
15	The chiral Hall effect in canted ferromagnets and antiferromagnets. <i>Communications Physics</i> , 2021, 4, .	5.3	15
16	Interplay of Dzyaloshinskii-Moriya and Kitaev interactions for magnonic properties of Heisenberg-Kitaev honeycomb ferromagnets. <i>Physical Review B</i> , 2021, 103, .	3.2	14
17	Interfacial Rashba magnetoresistance of the two-dimensional electron gas at the interface. <i>Physical Review B</i> , 2017, 96, .	3.2	13
18	Imprinting and driving electronic orbital magnetism using magnons. <i>Communications Physics</i> , 2020, 3, .	5.3	11

#	ARTICLE	IF	CITATIONS
19	Tuning Spin-Orbit Torques Across the Phase Transition in VO ₂ /NiFe Heterostructure. Advanced Functional Materials, 2022, 32, .	14.9	6
20	Spin and orbital transport in rare-earth dichalcogenides: The case of EuS . Physical Review Materials, 2022, 6, .	2.0	1
21	Photocurrents of charge and spin in monolayer Fe . Physical Review B, 2021, 104, .	3.2	1
22	Understanding Spin-orbit Torque, Anomalous Hall Effect, and Spin Hall Effect from the Gauge Transformation. Journal of the Korean Magnetism Society, 2017, 27, 185-189.	0.0	0