

# Seo-Won Lee

## 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.

17  
papers

753  
citations

10  
h-index

18  
g-index

18  
ext. papers

923  
ext. citations

7.9  
avg, IF

4.18  
L-index

#	Paper	IF	Citations
17	Optical spin-orbit torque in heavy metal-ferromagnet heterostructures. <i>Nature Communications</i> , <b>2020</b> , 11, 1482	17.4	10
16	Realization of Su-Schrieffer-Heeger states based on metamaterials of magnetic solitons. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	4
15	Spin-Transfer Torque-Driven Magnetization Dynamics in Magnetic Random Access Memory <b>2020</b> , 211-230		
14	Unidirectional Magnon-Driven Domain Wall Motion Due to the Interfacial Dzyaloshinskii-Moriya Interaction. <i>Physical Review Letters</i> , <b>2019</b> , 122, 147202	7.4	7
13	Long spin coherence length and bulk-like spin-orbit torque in ferrimagnetic multilayers. <i>Nature Materials</i> , <b>2019</b> , 18, 29-34	27	58
12	Anomalous spin-orbit torque switching due to field-like torque-assisted domain wall reflection. <i>Science Advances</i> , <b>2017</b> , 3, e1603099	14.3	52
11	Chiral magnetoresistance in Pt/Co/Pt zigzag wires. <i>Applied Physics Letters</i> , <b>2017</b> , 110, 122401	3.4	12
10	Spin-wave propagation in cubic anisotropy materials. <i>NPG Asia Materials</i> , <b>2017</b> , 9,	10.3	13
9	Antiferromagnetic Domain Wall Motion Driven by Spin-Orbit Torques. <i>Physical Review Letters</i> , <b>2016</b> , 117, 087203	7.4	148
8	Emerging Three-Terminal Magnetic Memory Devices. <i>Proceedings of the IEEE</i> , <b>2016</b> , 104, 1831-1843	14.3	73
7	All-Electrical Measurement of Interfacial Dzyaloshinskii-Moriya Interaction Using Collective Spin-Wave Dynamics. <i>Nano Letters</i> , <b>2016</b> , 16, 62-7	11.5	72
6	Magnetization dynamics driven by angle-dependent spin-orbit spin-transfer torque. <i>Journal of the Korean Physical Society</i> , <b>2015</b> , 67, 1848-1852	0.6	6
5	Thermally activated switching of perpendicular magnet by spin-orbit spin torque. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 072413	3.4	76
4	Threshold current for switching of a perpendicular magnetic layer induced by spin Hall effect. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 112410	3.4	205
3	Current-induced magnetization switching of synthetic antiferromagnetic free layer in magnetic tunnel junctions. <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 07C904	2.5	4
2	Effect of Wavy Spin-Transfer Torque on Ultrafast Unipolar Switching of a Nanomagnet With Out-of-Plane Polarizer. <i>IEEE Transactions on Magnetism</i> , <b>2011</b> , 47, 3872-3875	2	2
1	Effect of Angular Dependence of Spin-Transfer Torque on Zero-Field Microwave Oscillation in Symmetric Spin-Valves. <i>IEEE Transactions on Magnetism</i> , <b>2010</b> , 46, 2349-2352	2	11

