

# Can Onur Avci

## List of Publications by Year in descending order

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36  
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#	ARTICLE	IF	CITATIONS
1	Engineering the Spin-Orbit Torque Efficiency and Magnetic Properties of $\text{Pt}/\text{Tb}/\text{Co}$ Ferrimagnetic Multilayers by Stacking Order. <i>Physical Review Applied</i> , 2022, 17, .	3.8	6
2	Accurate extraction of anisotropic spin-orbit torques from harmonic measurements. <i>Applied Physics Letters</i> , 2021, 118, 172403.	3.3	2
3	Spin-orbit torques and magnetotransport properties of $\text{Pt}/\text{Sn}$ and $\text{Pt}/\text{Sn}/\text{Pt}$ heterostructures. <i>Physical Review B</i> , 2021, 103, .	3.2	12
4	A two-terminal spin valve device controlled by spin-orbit torques with enhanced giant magnetoresistance. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	5
5	Current-Induced Magnetization Control in Insulating Ferrimagnetic Garnets. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 081007.	1.6	9
6	Chiral Coupling between Magnetic Layers with Orthogonal Magnetization. <i>Physical Review Letters</i> , 2021, 127, 167202.	7.8	31
7	Picosecond switching in a ferromagnet. <i>Nature Electronics</i> , 2020, 3, 660-661.	26.0	3
8	Asymmetric depinning of chiral domain walls in ferromagnetic trilayers. <i>Physical Review B</i> , 2020, 102, .	3.2	4
9	Systematic study of nonmagnetic resistance changes due to electrical pulsing in single metal layers and metal/antiferromagnet bilayers. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	7
10	Nonlocal Detection of Out-of-Plane Magnetization in a Magnetic Insulator by Thermal Spin Drag. <i>Physical Review Letters</i> , 2020, 124, 027701.	7.8	13
11	Effects of Oxidation on Top and Bottom Interfaces on the Electric, Magnetic, and Spin-Orbit Torque Properties of $\text{Pt}/\text{Co}$ Bilayers. <i>Physical Review Applied</i> , 2020, 13, .	3.8	19
12	Thermal nucleation and high-resolution imaging of submicrometer magnetic bubbles in thin thulium iron garnet films with perpendicular anisotropy. <i>Physical Review Materials</i> , 2020, 4, .	2.4	19
13	Ferromagnetic resonance of perpendicularly magnetized $\text{Tm}_3\text{Fe}_5\text{O}_{12}/\text{Pt}$ heterostructures. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	23
14	Crystal orientation dependence of spin-orbit torques in $\text{Co}/\text{Pt}$ bilayers. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	21
15	Interface-driven chiral magnetism and current-driven domain walls in insulating magnetic garnets. <i>Nature Nanotechnology</i> , 2019, 14, 561-566.	31.5	132
16	Effects of transition metal spacers on spin-orbit torques, spin Hall magnetoresistance, and magnetic anisotropy of $\text{Pt}/\text{Co}$ bilayers. <i>Physical Review B</i> , 2019, 100, .	3.2	29
17	Magneto-ionic control of magnetism using a solid-state proton pump. <i>Nature Materials</i> , 2019, 18, 35-41.	27.5	176
18	Origins of the Unidirectional Spin Hall Magnetoresistance in Metallic Bilayers. <i>Physical Review Letters</i> , 2018, 121, 087207.	7.8	74

