

CITATION REPORT

List of articles citing

Exchange magnetic field torques in YIG/Pt bilayers observed by the spin-Hall magnetoresistance

DOI: 10.1063/1.4813760

Applied Physics Letters, 2013, 103, 032401.

Source: <https://exaly.com/paper-pdf/54804296/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
86	Separation of longitudinal spin Seebeck effect from anomalous Nernst effect: Determination of origin of transverse thermoelectric voltage in metal/insulator junctions. <i>Physical Review B</i> , 2013 , 88,	3.3	115
85	Note: electrical detection and quantification of Spin Rectification Effect enabled by shorted microstrip transmission line technique. <i>Review of Scientific Instruments</i> , 2014 , 85, 026109	1.7	17
84	Interface-dependent magnetotransport properties for thin Pt films on ferrimagnetic Y3Fe5O12. <i>Applied Physics Letters</i> , 2014 , 104, 242406	3.4	23
83	Determination of intrinsic spin Hall angle in Pt. <i>Applied Physics Letters</i> , 2014 , 105, 152412	3.4	120
82	Simultaneous detection of the spin-Hall magnetoresistance and the spin-Seebeck effect in platinum and tantalum on yttrium iron garnet. <i>Physical Review B</i> , 2014 , 90,	3.3	73
81	Surface sensitivity of the spin Seebeck effect. <i>Journal of Applied Physics</i> , 2014 , 116, 153705	2.5	47
80	Spin pumping and inverse spin Hall effect in platinum and other 5dmetals: the essential role of spin-memory loss and spin-current discontinuities at interfaces. 2014 ,		1
79	Investigation of magnetic proximity effect in Ta/YIG bilayer Hall bar structure. <i>Journal of Applied Physics</i> , 2014 , 115, 17C509	2.5	29
78	Effect of spin Hall magnetoresistance on spin pumping measurements in insulating magnet/metal systems. <i>Applied Physics Express</i> , 2014 , 7, 013003	2.4	20
77	Intrinsic magnetoresistance in metal films on ferromagnetic insulators. <i>Physical Review B</i> , 2014 , 90,	3.3	46
76	Spin Hall magnetoresistance at Pt/CoFe2O4 interfaces and texture effects. <i>Applied Physics Letters</i> , 2014 , 105, 142402	3.4	91
75	Spin Hall magnetoresistance in Pt/Fe3O4 thin films at room temperature. <i>Physical Review B</i> , 2014 , 90,	3.3	31
74	Current-Induced Spin-Torque Resonance of Magnetic Insulators. <i>Physical Review Applied</i> , 2014 , 2,	4.3	45
73	Observation of the spin Peltier effect for magnetic insulators. <i>Physical Review Letters</i> , 2014 , 113, 027601	7.4	161
72	Spin pumping and inverse spin Hall effect in platinum: the essential role of spin-memory loss at metallic interfaces. <i>Physical Review Letters</i> , 2014 , 112, 106602	7.4	417
71	Anomalous temperature dependence of current-induced torques in CoFeB/MgO heterostructures with Ta-based underlayers. <i>Physical Review B</i> , 2014 , 89,	3.3	80
70	Spin-Hall magnetoresistance and spin Seebeck effect in spin-spiral and paramagnetic phases of multiferroic CoCr2O4 films. <i>Physical Review B</i> , 2015 , 92,	3.3	48

69	Large spin Hall magnetoresistance and its correlation to the spin-orbit torque in W/CoFeB/MgO structures. <i>Scientific Reports</i> , 2015 , 5, 14668	4.9	114
68	Driving and detecting ferromagnetic resonance in insulators with the spin Hall effect. <i>Physical Review B</i> , 2015 , 92,	3.3	41
67	Magneto-optical investigation of spin-orbit torques in metallic and insulating magnetic heterostructures. <i>Nature Communications</i> , 2015 , 6, 8958	17.4	55
66	Spin Hall magnetoresistance at high temperatures. <i>Applied Physics Letters</i> , 2015 , 106, 052405	3.4	14
65	Giant spin Hall effect and magnetotransport in a Ta/CoFeB/MgO layered structure: A temperature dependence study. <i>Physical Review B</i> , 2015 , 91,	3.3	55
64	Giant Spin Hall Effect and Switching Induced by Spin-Transfer Torque in a W/Co ₄₀ Fe ₄₀ B ₂₀ /MgO Structure with Perpendicular Magnetic Anisotropy. <i>Physical Review Applied</i> , 2015 , 3,	4.3	142
63	Anomalous Hall effect in YIG Pt bilayers. <i>Applied Physics Letters</i> , 2015 , 106, 132402	3.4	53
62	Electrical detection of magnetization dynamics via spin rectification effects. <i>Physics Reports</i> , 2016 , 661, 1-59	27.7	123
61	Self-current induced spin-orbit torque in FeMn/Pt multilayers. <i>Scientific Reports</i> , 2016 , 6, 26180	4.9	9
60	Spin Hall effects in metallic antiferromagnets [perspectives for future spin-orbitronics. <i>AIP Advances</i> , 2016 , 6, 055603	1.5	15
59	Thickness dependence of spin Hall magnetoresistance in FeMn/Pt bilayers. <i>AIP Advances</i> , 2016 , 6, 065203	3.5	15
58	Inverse spin Hall effect from pulsed spin current in organic semiconductors with tunable spin-orbit coupling. <i>Nature Materials</i> , 2016 , 15, 863-9	27	88
57	Anomalous Hall effect based on Pt/Bi _{0.9} La _{0.1} FeO ₃ bilayers. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 045801	1.4	
56	Detection of spin pumping from YIG by spin-charge conversion in a Au/Ni ₈₀ Fe ₂₀ spin-valve structure. <i>Physical Review B</i> , 2016 , 94,	3.3	9
55	Spin Hall Magnetoresistance as a Probe for Surface Magnetization in Pt/CoFe ₂ O ₄ Bilayers. <i>Physical Review Applied</i> , 2016 , 6,	4.3	25
54	Spin Orbit Coupling Controlled Spin Pumping and Spin Hall Magnetoresistance Effects. <i>Advanced Electronic Materials</i> , 2016 , 2, 1600112	6.4	18
53	Temperature dependence of spin Hall magnetoresistance in W/CoFeB bilayer. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 080308	1.4	6
52	Electrical detection of spiral spin structures in Pt Cu ₂ OSeO ₃ heterostructures. <i>Physical Review B</i> , 2016 , 94,	3.3	28

51	Competing effects at Pt/YIG interfaces: Spin Hall magnetoresistance, magnon excitations, and magnetic frustration. <i>Physical Review B</i> , 2016 , 94,	3.3	48
50	Anomalous Hall hysteresis in Tm ₃ Fe ₅ O ₁₂ /Pt with strain-induced perpendicular magnetic anisotropy. <i>Physical Review B</i> , 2016 , 94,	3.3	78
49	Spin Hall magnetoresistance in an ultrathin Co ₂ FeAl system. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 411, 103-107	2.8	2
48	Theory of spin Hall magnetoresistance (SMR) and related phenomena. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 103004	1.8	54
47	Hanle Magnetoresistance in Thin Metal Films with Strong Spin-Orbit Coupling. <i>Physical Review Letters</i> , 2016 , 116, 016603	7.4	94
46	Effective exchange fields in spin-torque resonance of magnetic insulators. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 400, 163-167	2.8	1
45	Spin-Hall magnetoresistance in multidomain helical spiral systems. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 174006	3	4
44	Effect of quantum tunneling on spin Hall magnetoresistance. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 075802	1.8	
43	Observation of the spin Nernst effect. <i>Nature Materials</i> , 2017 , 16, 977-981	27	85
42	Anomalous Hall effect and magnetic properties of Fe _x Pt _{100-x} alloys with strong spin-orbit interaction. <i>Journal of Applied Physics</i> , 2017 , 122, 033901	2.5	15
41	Negative spin Hall magnetoresistance of Pt on the bulk easy-plane antiferromagnet NiO. <i>Applied Physics Letters</i> , 2017 , 111, 052409	3.4	91
40	Spin Hall magnetoresistance in heavy-metal/metallic-ferromagnet multilayer structures. <i>Physical Review B</i> , 2017 , 96,	3.3	16
39	Detection of induced paramagnetic moments in Pt on Y ₃ Fe ₅ O ₁₂ via x-ray magnetic circular dichroism. <i>Physical Review B</i> , 2017 , 95,	3.3	17
38	Spin Hall Magnetoresistance and Spin Nernst Magnetothermopower in a Rashba System: Role of the Inverse Spin Galvanic Effect. <i>Annalen Der Physik</i> , 2018 , 530, 1700303	2.6	1
37	Interface-induced spin Hall magnetoresistance enhancement in Pt-based tri-layer structure. <i>Scientific Reports</i> , 2018 , 8, 108	4.9	2
36	Variational approach to the stationary spin-Hall effect. <i>Europhysics Letters</i> , 2018 , 124, 17003	1.6	4
35	Angle dependent magnetoresistance in heterostructures with antiferromagnetic and non-magnetic metals. <i>Applied Physics Letters</i> , 2018 , 113, 202404	3.4	8
34	Spin diffusion length and spin Hall angle in Pd _{1-x} Pt _x /YIG heterostructures: Examination of spin relaxation mechanism. <i>Physical Review B</i> , 2018 , 98,	3.3	18

33	Anomalous Hall-like transverse magnetoresistance in Au thin films on Y3Fe5O12. <i>Applied Physics Letters</i> , 2018 , 113, 222409	3-4	14
32	Synthetic Antiferromagnetic Coupling Between Ultrathin Insulating Garnets. <i>Physical Review Applied</i> , 2018 , 10,	4-3	24
31	Negative spin Hall magnetoresistance in antiferromagnetic Cr2O3/Ta bilayer at low temperature region. <i>Applied Physics Letters</i> , 2018 , 112, 232404	3-4	32
30	Giant damping enhancement induced by exchange coupling in Y3Fe5O12/Co2FeAl0.5Si0.5 bilayers. <i>Journal of Alloys and Compounds</i> , 2018 , 767, 398-402	5-7	3
29	Spin-hall-active platinum thin films grown via atomic layer deposition. <i>Applied Physics Letters</i> , 2018 , 112, 242403	3-4	6
28	Theory of Spin Hall Magnetoresistance from a Microscopic Perspective. <i>Nano Letters</i> , 2019 , 19, 6330-6337	1.5	19
27	Towards terahertz spin Hall nano-oscillator with synthesized anti-ferromagnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 490, 165470	2.8	2
26	Spin Hall magnetoresistance in a low-dimensional Heisenberg ferromagnet. <i>Physical Review B</i> , 2019 , 100,	3-3	11
25	Current-induced switching of YIG/Pt bilayers with in-plane magnetization due to Oersted fields. <i>Applied Physics Letters</i> , 2019 , 114, 172404	3-4	6
24	Ultra-efficient spin-orbit torque induced magnetic switching in W/CoFeB/MgO structures. <i>Nanotechnology</i> , 2019 , 30, 335707	3-4	12
23	Temperature dependence of the effective spin-mixing conductance probed with lateral non-local spin valves. <i>Applied Physics Letters</i> , 2019 , 114, 072405	3-4	7
22	Role of spin mixing conductance in determining thermal spin pumping near the ferromagnetic phase transition in EuO18 and La2NiMnO6. <i>Physical Review B</i> , 2019 , 100,	3-3	6
21	Surface magnetization thermal fluctuation driven anomalous behaviour of ordinary Hall effect in Pt/YIG. <i>Journal Physics D: Applied Physics</i> , 2019 , 52, 085001	3	3
20	Estimating spin Hall angle in heavy metal/ferromagnet heterostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 496, 165920	2.8	4
19	Origin of large spin Hall magnetoresistance in Fe/CuOx bilayers. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020 , 384, 126198	2-3	2
18	Quantification of interfacial spin-charge conversion in hybrid devices with a metal/insulator interface. <i>Applied Physics Letters</i> , 2020 , 117, 142405	3-4	3
17	Strong Interfacial Exchange Field in a Heavy Metal/Ferromagnetic Insulator System Determined by Spin Hall Magnetoresistance. <i>Nano Letters</i> , 2020 , 20, 6815-6823	11.5	3
16	Nonlocal spin Seebeck effect in the bulk easy-plane antiferromagnet NiO. <i>Physical Review B</i> , 2020 , 102,	3-3	8

15	Non-Negligible Imaginary Part of the Spin-Mixing Conductance and its Impact on Magnetization Dynamics in Heavy-Metal/Ferromagnet Bilayers. <i>Physical Review Applied</i> , 2020 , 13,	4.3	3
14	Electrical generation and detection of spin waves in polycrystalline YIG/Pt grown on silicon wafers. <i>Materials Research Express</i> , 2020 , 7, 046105	1.7	0
13	Direct Evidence of Spin Transfer Torque on Two-Dimensional Cobalt-Doped MoS ₂ Ferromagnetic Material. <i>ACS Applied Electronic Materials</i> , 2020 , 2, 1497-1504	4	1
12	Enhancement of YIG Pt spin conductance by local Joule annealing. <i>Applied Physics Letters</i> , 2021 , 118, 032404	3.4	3
11	Electrical detection of the spin reorientation transition in antiferromagnetic TmFeO ₃ thin films by spin Hall magnetoresistance. <i>Physical Review B</i> , 2021 , 103,	3.3	1
10	Magnetic order of Dy ³⁺ and Fe ³⁺ moments in antiferromagnetic DyFeO ₃ probed by spin Hall magnetoresistance and spin Seebeck effect. <i>Physical Review B</i> , 2021 , 103,	3.3	6
9	Magnetic properties and domain structure of ultrathin yttrium iron garnet/Pt bilayers. <i>Physical Review Materials</i> , 2019 , 3,	3.2	18
8	Paramagnetic spin Hall magnetoresistance. <i>Physical Review B</i> , 2021 , 104,	3.3	1
7	Spin Hall Magnetoresistance Effect from a Disordered Interface.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	1
6	Low-temperature quantum correction to anisotropic magnetoresistance in Tm ₃ Fe ₅ O ₁₂ /Pt heterostructures. <i>Physical Review B</i> , 2022 , 105,	3.3	
5	Exploiting Spin Fluctuations for Enhanced Pure Spin Current. <i>Physical Review Letters</i> , 2022 , 128,	7.4	2
4	Observation of magnetization surface textures of the van der Waals antiferromagnet FePS ₃ by spin Hall magnetoresistance. <i>Physical Review B</i> , 2022 , 105,	3.3	2
3	Zero-field polarity-reversible Josephson supercurrent diodes enabled by a proximity-magnetized Pt barrier. <i>Nature Materials</i> ,	27	0
2	Spin Hall magnetoresistance in Pt/Y ₃ Fe ₅ O ₁₂ bilayers grown on Si and Gd ₃ Ga ₅ O ₁₂ substrates. 2022 , 121, 232403		0
1	Spin Nernst magnetoresistance for magnetization study of FePS ₃ . 2023 , 107,		0