

# Eva Schmoranzero

## List of Publications by Year in descending order

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14  
papers

654  
citations

1163117

8  
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1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1137  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin Hall Effect Transistor. Science, 2010, 330, 1801-1804.	12.6	288
2	Experimental observation of the optical spin transfer torque. Nature Physics, 2012, 8, 411-415.	16.7	119
3	The essential role of carefully optimized synthesis for elucidating intrinsic material properties of (Ga,Mn)As. Nature Communications, 2013, 4, 1422.	12.8	82
4	Experimental observation of the optical spin-orbit torque. Nature Photonics, 2013, 7, 492-498.	31.4	50
5	Coherent control of magnetization precession in ferromagnetic semiconductor (Ga,Mn)As. Applied Physics Letters, 2008, 93, .	3.3	31
6	Direct measurement of the three-dimensional magnetization vector trajectory in GaMnAs by a magneto-optical pump-and-probe method. Applied Physics Letters, 2012, 100, .	3.3	31
7	Influence of $n$ -type doping on electron spin dephasing in CdTe. Physical Review B, 2010, 82, .	3.2	18
8	Comparison of micromagnetic parameters of the ferromagnetic semiconductors (Ga,Mn)(As,P) and (Ga,Mn)As. Physical Review B, 2014, 90, .	3.2	11
9	Identifying the octupole antiferromagnetic domain orientation in Mn <sub>3</sub> NiN by scanning anomalous Nernst effect microscopy. Applied Physics Letters, 2022, 120, .	3.3	8
10	Critical role of the sample preparation in experiments using piezoelectric actuators inducing uniaxial or biaxial strains. Review of Scientific Instruments, 2013, 84, 103902.	1.3	7
11	Laser-Induced Precession of Magnetization in GaMnAs. IEEE Transactions on Magnetism, 2008, 44, 2674-2677.	2.1	5
12	Probing of Spin Wave Resonances in (Ga,Mn)As by Time-Resolved Magneto-Optical Technique. IEEE Transactions on Magnetism, 2014, 50, 1-4.	2.1	2
13	Voigt effect-based wide-field magneto-optical microscope integrated in a pump-probe experimental setup. Review of Scientific Instruments, 2018, 89, 073703.	1.3	2
14	Transverse Kerr effect in magnetic (Ga, Mn)As-based semiconductors and its applicability in waveguide isolators. Journal of Applied Physics, 2017, 122, 023104.	2.5	0