

# Fasil Kidane Dejene

## List of Publications by Year in descending order

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17  
papers

868  
citations

759233

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888059

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docs citations

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times ranked

1351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic and electrical transport signatures of uncompensated moments in epitaxial thin films of the noncollinear antiferromagnet Mn <sub>3</sub> Ir. Applied Physics Letters, 2019, 115, 062403.	3.3	12
2	Temperature dependence of the effective spin-mixing conductance probed with lateral non-local spin valves. Applied Physics Letters, 2019, 114, .	3.3	10
3	Epitaxial growth, structural characterization, and exchange bias of noncollinear antiferromagnetic thin films. Physical Review Materials, 2019, 3, . $M \times n < 3 > l r$	2.4	10
4	Exchange coupling torque in ferrimagnetic Co/Gd bilayer maximized near angular momentum compensation temperature. Nature Communications, 2018, 9, 4984.	12.8	78
5	Thermal control of the magnon-photon coupling in a notch filter coupled to a yttrium iron garnet/platinum system. Physical Review B, 2017, 96, .	3.2	22
6	Detection of spin pumping from YIG by spin-charge conversion in a Au structure. Physical Review B, 2016, 94, .	3.2	20
7	Anisotropic Hanle line shape via magnetothermoelectric phenomena. Physical Review B, 2016, 94, .	3.2	24
8	Direct electronic measurement of Peltier cooling and heating in graphene. Nature Communications, 2016, 7, 11525.	12.8	39
9	Comparison of the magneto-Peltier and magneto-Seebeck effects in magnetic tunnel junctions. Physical Review B, 2015, 92, .	3.2	27
10	Control of spin current by a magnetic YIG substrate in NiFe/Al nonlocal spin valves. Physical Review B, 2015, 91, .	3.2	22
11	Verification of the Thomson-Onsager reciprocity relation for spin caloritronics. Physical Review B, 2014, 90, .	3.2	20
12	Observation of the Spin Peltier Effect for Magnetic Insulators. Physical Review Letters, 2014, 113, 027601.	7.8	191
13	Comparison between thermal and current driven spin-transfer torque in nanopillar metallic spin valves. Physical Review B, 2014, 90, .	3.2	12
14	Spin heat accumulation and spin-dependent temperatures in nanopillar spin valves. Nature Physics, 2013, 9, 636-639.	16.7	60
15	Spin-dependent Seebeck coefficients of Ni <sub>80</sub> Fe <sub>20</sub> and Co in nanopillar spin valves. Physical Review B, 2012, 86, .	3.2	69
16	Direct observation of the spin-dependent Peltier effect. Nature Nanotechnology, 2012, 7, 166-168.	31.5	187
17	Comparison between charge and spin transport in few-layer graphene. Physical Review B, 2011, 83, .	3.2	76