

Mark Johnson

List of Publications by Year in descending order

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10
papers

2,785
citations

1162367

8
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

2150
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial charge-spin coupling: Injection and detection of spin magnetization in metals. Physical Review Letters, 1985, 55, 1790-1793.	2.9	1,157
2	Control of Spin Precession in a Spin-Injected Field Effect Transistor. Science, 2009, 325, 1515-1518.	6.0	491
3	Thermodynamic analysis of interfacial transport and of the thermomagnetolectric system. Physical Review B, 1987, 35, 4959-4972.	1.1	455
4	Coupling of electronic charge and spin at a ferromagnetic-paramagnetic metal interface. Physical Review B, 1988, 37, 5312-5325.	1.1	276
5	Spin-injection experiment. Physical Review B, 1988, 37, 5326-5335.	1.1	236
6	Electrical detection of coherent spin precession using the ballistic intrinsic spin Hall effect. Nature Nanotechnology, 2015, 10, 666-670.	15.6	67
7	Spin polarization of gold films via transported (invited). Journal of Applied Physics, 1994, 75, 6714-6719.	1.1	64
8	Bilayer embodiment of the bipolar spin switch. Applied Physics Letters, 1993, 63, 1435-1437.	1.5	34
9	Spin injection and accumulation in mesoscopic metal wires. Journal of Physics Condensed Matter, 2007, 19, 165215.	0.7	4
10	Anisotropic magnetoresistance dominant in a three terminal Hanle measurement. Applied Physics Letters, 2016, 108, 072402.	1.5	1