

Mariusz Ciorga

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tunneling mechanism in a (Ga,Mn)As/GaAs-based spin Esaki diode investigated by bias-dependent shot noise measurements. <i>Physical Review B</i> , 2020, 102, .	3.2	2
2	Spatial variation of dynamic nuclear spin polarization probed by the non-local Hanle effect. <i>Applied Physics Letters</i> , 2018, 112, 132403.	3.3	1
3	Gate-tunable large magnetoresistance in an all-semiconductor spin valve device. <i>Nature Communications</i> , 2017, 8, 1807.	12.8	27
4	Electrical spin injection and detection in high mobility 2DEG systems. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 453003.	1.8	7
5	In-plane tunneling anisotropic magnetoresistance in (Ga,Mn)As/GaAs Esaki diodes in the regime of the excess current. <i>Applied Physics Letters</i> , 2015, 106, 262402.	3.3	5
6	Shot Noise Induced by Nonequilibrium Spin Accumulation. <i>Physical Review Letters</i> , 2015, 114, 016601.	7.8	28
7	Giant enhancement of spin detection sensitivity in (Ga,Mn)As/GaAs Esaki diodes. <i>Physical Review B</i> , 2014, 89, .	3.2	20
8	Electrical Spin Injection into High Mobility 2D Systems. <i>Physical Review Letters</i> , 2014, 113, 236602.	7.8	37
9	All-electrical detection of spin Hall effect in semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 2014, 251, 1725-1735.	1.5	32
10	Annealing-induced magnetic moments detected by spin precession measurements in epitaxial graphene on SiC. <i>Physical Review B</i> , 2013, 87, .	3.2	24
11	Dynamic nuclear spin polarization in an all-semiconductor spin injection device with (Ga,Mn)As/GaAs spin Esaki diode. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	22
12	All-electrical measurements of direct spin Hall effect in GaAs with Esaki diode electrodes. <i>Physical Review B</i> , 2012, 86, .	3.2	13
13	Electrical spin injection and detection in lateral all-semiconductor devices. <i>Physical Review B</i> , 2009, 79, .	3.2	120