

Fabien Rortais

List of Publications by Year in descending order

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11
papers

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1307594

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1281871

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times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Approaching barrier-free contacts to monolayer MoS ₂ employing [Co/Pt] multilayer electrodes. <i>NPG Asia Materials</i> , 2021, 13, .	7.9	8
2	Investigation of gating effect in Si spin MOSFET. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	8
3	Quantitative and systematic analysis of bias dependence of spin accumulation voltage in a nondegenerate Si-based spin valve. <i>Physical Review B</i> , 2019, 99, .	3.2	14
4	Monolayer MoS ₂ field effect transistor with low Schottky barrier height with ferromagnetic metal contacts. <i>Scientific Reports</i> , 2019, 9, 17032.	3.3	9
5	Spin-orbit coupling induced by bismuth doping in silicon thin films. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	11
6	Observation of the Hanle effect in giant magnetoresistance measurements. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	6
7	Non-local electrical spin injection and detection in germanium at room temperature. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	19
8	Optical Orientation and Inverse Spin Hall Effect as Effective Tools to Investigate Spin-Dependent Diffusion. <i>Electronics (Switzerland)</i> , 2016, 5, 80.	3.1	4
9	Electrical spin injection in silicon and the role of defects. <i>Physical Review B</i> , 2016, 94, .	3.2	9
10	Spin transport in <i>p</i> -type germanium. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 165801.	1.8	25
11	Introduction and pinning of domain walls in 50nm NiFe constrictions using local and external magnetic fields. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 406, 166-170.	2.3	6