

R Patel

List of Publications by Year in descending order

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1098
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron and thermal transport via variable range hopping in MoSe ₂ single crystals. Applied Physics Letters, 2017, 110, .	1.5	8
2	Spin-Polarized Tunneling through Chemical Vapor Deposited Multilayer Molybdenum Disulfide. ACS Nano, 2017, 11, 6389-6395.	7.3	53
3	A study of electron and thermal transport in layered titanium disulphide single crystals. Journal of Physics Condensed Matter, 2017, 29, 485708.	0.7	8
4	Tunnel magnetoresistance with atomically thin two-dimensional hexagonal boron nitride barriers. Nano Research, 2015, 8, 1357-1364.	5.8	87
5	Temperature dependence of the giant magnetoresistance in Fe/Cr multilayers—Intralayer and interlayer exchange energies. Journal of Magnetism and Magnetic Materials, 2011, 323, 646-649.	1.0	1
6	Magnetic tunnel contacts to silicon with low-work-function ytterbium nanolayers. Journal of Applied Physics, 2009, 106, .	1.1	19
7	Electron pair emission from a W(001) surface: photon versus electron excitation. Journal of Physics Condensed Matter, 2009, 21, 355003.	0.7	4
8	Electrical creation of spin polarization in silicon at room temperature. Nature, 2009, 462, 491-494.	13.7	565
9	Relaxation of thermo-remanent magnetization in Fe/Cr GMR multilayers. Journal of Magnetism and Magnetic Materials, 2007, 309, 256-262.	1.0	7
10	Swift heavy ion induced mixing in Fe/Ni multilayer. Nuclear Instruments & Methods in Physics Research B, 2006, 243, 304-312.	0.6	23
11	Role of heterostructures and multiple magnetic phases in the low-field magnetization of Fe/Cr giant magnetoresistive multilayers. Journal of Applied Physics, 2006, 100, 123914.	1.1	3
12	Evidence of spin-wave demagnetization in Fe/Cr giant magnetoresistance multilayers. Journal of Applied Physics, 2005, 97, 033910.	1.1	8
13	Magnetic scattering in Fe/Cr multilayers in the ferromagnetic state at low temperatures. Journal of Applied Physics, 2003, 93, 7684-7686.	1.1	6
14	Thermoremanent magnetization in Mn-rich Cu _{100-x} Mn _x (x=73,76, and 83) binary alloys. Physical Review B, 2002, 66, .	1.1	7