

Jorge Lago

List of Publications by Year in descending order

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papers

872
citations

567281

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29
docs citations

29
times ranked

1004
citing authors

#	ARTICLE	IF	CITATIONS
1	Er ₂ Ti ₂ O ₇ : Evidence of quantum order by disorder in a frustrated antiferromagnet. Physical Review B, 2003, 68, .	3.2	208
2	Organically templated open-framework phosphites. Journal of Materials Chemistry, 2009, 19, 3793.	6.7	78
3	Crystal and Magnetic Structures of Ca ₄ Mn ₃ O ₁₀ , n= 3 Ruddlesden-Popper Compound. Chemistry of Materials, 1998, 10, 658-664.	6.7	69
4	Magnetic ordering and dynamics in the XY pyrochlore antiferromagnet: a muon-spin relaxation study of Er ₂ Ti ₂ O ₇ and Er ₂ Sn ₂ O ₇ . Journal of Physics Condensed Matter, 2005, 17, 979-988.	1.8	58
5	Er ₂ Ti ₂ O ₇ : Evidence of quantum order by disorder in a frustrated antiferromagnet. Physical Review B, 2003, 68, . Three-dimensional Heisenberg spin-glass behavior in SrFe ₂ As ₂ . Physical Review Letters, 2010, 105, 247203.	3.2	57
6	Co ₂ O ₃ : A New Erbium Spin Ice System in a Spinel Structure. Physical Review Letters, 2010, 104, 247203.	3.2	47
7	A New Erbium Spin Ice System in a Spinel Structure. Physical Review Letters, 2010, 104, 247203.	3.2	47
8	Dynamics of diluted Ho spin ice Ho _{2-x} Y _x Ti ₂ O ₇ studied by neutron spin echo spectroscopy and ac susceptibility. Physical Review B, 2006, 73, .	3.2	41
9	¹⁵¹ SR investigation of spin dynamics in the spin-ice material Dy ₂ Ti ₂ O ₇ . Journal of Physics Condensed Matter, 2007, 19, 326210.	1.8	40
10	Weak ferromagnetism and spin-glass behaviour of the n= 3 Ruddlesden-Popper compound Ca ₄ Mn ₃ O ₁₀ : a dc magnetization study. Journal of Physics Condensed Matter, 2000, 12, 2505-2524.	1.8	28
11	Non-adiabatic small polaron hopping in the n= 3 Ruddlesden-Popper compound Ca ₄ Mn ₃ O ₁₀ . Journal of Physics Condensed Matter, 2003, 15, 6817-6833.	1.8	26
12	Glassy dynamics in the low-temperature inhomogeneous ferromagnetic phase of the quantum spin ice Yb ₂ Sn ₂ O ₇ . Physical Review Letters, 2010, 105, 247203.	3.2	23
13	Magnetoconductance in high oxidation state iron oxides. Chemical Communications, 1998, , 987-988.	4.1	22
14	Physical properties of the n=3 Ruddlesden - Popper compound. Journal of Physics Condensed Matter, 1998, 10, L727-L735.	1.8	17
15	Dimeric spin ice states with a fast monopole hopping rate in CdEr ₂ Se ₂ . Physical Review Letters, 2010, 105, 247203.		

#	ARTICLE	IF	CITATIONS
19	Evidence of intrinsic ferromagnetic behavior of thiol capped Au nanoparticles based on 1H SR results. Journal of Non-Crystalline Solids, 2008, 354, 5210-5212.	3.1	9
20	Muon Spin Rotation Studies of Spin Dynamics at Avoided Level Crossings in $LiY_{0.998}Ho_{0.002}F_4$. Physical Review Letters, 2007, 99, 267203.	7.8	8
21	Dilution effects in $Ho_{2-x}Y_xSn_2O_7$: From the spin ice to the single-ion magnet. Journal of Physics: Conference Series, 2009, 145, 012033.	0.4	8
22	Superconductivity in the \hat{I} -carbide-type oxides $Zr_{1-x}Mn_xO_4$. Journal of Alloys and Compounds, 2019, 796, 287-292.	5.5	8
23	Doping-induced quantum crossover in $Er_2Ti_2-xSn_xO_7$. Physical Review B, 2017, 96, .	3.2	6
24	Local spin dynamics in magnetic molecular chains studied by NMR and 1H SR. Inorganica Chimica Acta, 2007, 360, 3903-3908.	2.4	5
25	^{19}F nuclear spin relaxation and spin diffusion effects in the single-ion magnet $LiYF_4:Ho^{3+}$. European Physical Journal B, 2008, 66, 155-163.	1.5	5
26	A 1H SR study of high oxidation state iron oxides displaying large magnetoresistance. Physica B: Condensed Matter, 2000, 289-290, 89-93.	2.7	4
27	Magnetization and spin dynamics of a Cr-based magnetic cluster. Journal of Magnetism and Magnetic Materials, 2010, 322, 1262-1264.	2.3	4
28	Local spin dynamics at low temperature in the slowly relaxing molecular chain $[Dy(hfac)_3\{NIT(C_6H_4OPh)\}]$: A 1H SR study. Journal of Applied Physics, 2015, 117, 17B310.	2.5	2