

Pierre-Jean Nacher

List of Publications by Year in descending order

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12
papers

147
citations

1307594

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h-index

1199594

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g-index

12
all docs

12
docs citations

12
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Doppler-free spectroscopy of the lowest triplet states of helium using double optical resonance. European Physical Journal D, 2021, 75, 1.	1.3	1
2	Signal feedback applications in low-field NMR and MRI. Journal of Magnetic Resonance, 2020, 310, 106622.	2.1	3
3	A fast MOSFET rf switch for low-field NMR and MRI. Journal of Magnetic Resonance, 2020, 310, 106638.	2.1	9
4	Achieving high spatial resolution and high SNR in low-field MRI of hyperpolarised gases with Slow Low Angle SHot. Journal of Magnetic Resonance, 2013, 227, 72-86.	2.1	7
5	Metastability exchange optical pumping of ^3He gas up to hundreds of millibars at 4.7 Tesla. European Physical Journal D, 2013, 67, 1.	1.3	17
6	Multiple echoes due to distant dipolar fields in NMR of hyperpolarized noble gas solutions. European Physical Journal D, 2013, 67, 1.	1.3	3
7	Nonlinear NMR dynamics in hyperpolarized liquid ^3He . Comptes Rendus Chimie, 2008, 11, 560-567.	0.5	7
8	NMR Time Reversal Experiments in Highly Polarised Liquid ^3He - ^4He Mixtures. Journal of Low Temperature Physics, 2008, 150, 168-173.	1.4	3
9	NMR measurements of hyperpolarized ^3He gas diffusion in high porosity silica aerogels. Journal of Chemical Physics, 2005, 123, 064506.	3.0	15
10	In vivo NMR of hyperpolarized ^3He in the human lung at very low magnetic fields. Journal of Magnetic Resonance, 2003, 162, 122-132.	2.1	54
11	NMR Instabilities in Highly Magnetised Liquid Helium Solutions. Journal of Low Temperature Physics, 2002, 126, 145-150.	1.4	12
12	NMR Instabilities in Spin-Polarised Liquids: ^3He , ^3He - ^4He Mixtures and ^{129}Xe . Journal of Low Temperature Physics, 2000, 121, 743-748.	1.4	16