Christophe Goze-Bac

List of Publications by Year
in descending order

24 papers	544 citations	759055 12 h-index	642610 23 g-index
26 all docs	26 docs citations	26 times ranked	779 citing authors

#	Article	IF	Citations
1	Assessing Histology Structures by ExÂVivo MR Microscopy and Exploring the Link Between MRM-Derived Radiomic Features and Histopathology in Ovarian Cancer. Frontiers in Oncology, 2021, 11, 771848.	1.3	2
2	Homogenous nuclear magnetic resonance probe using the space harmonics suppression method. Journal of Sensors and Sensor Systems, 2020, 9, 117-125.	0.6	3
3	Multiscale NMR investigations of two anatomically contrasted genotypes of sorghum under watered conditions and during drought stress. Magnetic Resonance in Chemistry, 2019, 57, 749-756.	1.1	2
4	A Novel Translational Model of Spinal Cord Injury in Nonhuman Primate. Neurotherapeutics, 2018, 15, 751-769.	2.1	32
5	CSF1R Inhibition Reduces Microglia Proliferation, Promotes Tissue Preservation and Improves Motor Recovery After Spinal Cord Injury. Frontiers in Cellular Neuroscience, 2018, 12, 368.	1.8	79
6	Flip-flop method: A new T1-weighted flow-MRI for plants studies. PLoS ONE, 2018, 13, e0194845.	1.1	8
7	Longitudinal Magnetic Resonance Imaging Analysis and Histological Characterization after Spinal Cord Injury in Two Mouse Strains with Different Functional Recovery: Gliosis as a Key Factor. Journal of Neurotrauma, 2018, 35, 2924-2940.	1.7	15
8	Homogenous static magnetic field coils dedicated to portable nuclear magnetic resonance for agronomic studies. Journal of Sensors and Sensor Systems, 2018, 7, 227-234.	0.6	4
9	A Combination of Ex vivo Diffusion MRI and Multiphoton to Study Microglia/Monocytes Alterations after Spinal Cord Injury. Frontiers in Aging Neuroscience, 2017, 9, 230.	1.7	24
10	Signal modeling of an MRI ribbon solenoid coil dedicated to spinal cord injury investigations. Journal of Sensors and Sensor Systems, 2016, 5, 137-145.	0.6	23
11	The magnetic field homogeneity of coils by means of the space harmonics suppression of the current density distribution. Journal of Sensors and Sensor Systems, 2016, 5, 401-408.	0.6	11
12	Properties of K,Rb-intercalated C60 encapsulated inside carbon nanotubes called peapods derived from nuclear magnetic resonance. Journal of Applied Physics, 2015, 118, 114305.	1.1	1
13	Correlation of in vivo and ex vivo1H-MRI with histology in two severities of mouse spinal cord injury. Frontiers in Neuroanatomy, 2015, 9, 24.	0.9	38
14	Electromagnetic Properties of Inner Double Walled Carbon Nanotubes Investigated by Nuclear Magnetic Resonance. Journal of Nanomaterials, 2013, 2013, 1-6.	1.5	3
15	Properties of Cs-intercalated single wall carbon nanotubes investigated by 133Cs Nuclear Magnetic resonance. Carbon, 2012, 50, 5292-5300.	5.4	3
16	Electronic properties of Cs-intercalated single-walled carbon nanotubes derived from nuclear magnetic resonance. New Journal of Physics, 2011, 13, 053045.	1.2	7
17	Structural properties of carbon nanotubes derived from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>13</mml:mn></mml:msup></mml:math>C NMR. Physical Review B, 2011, 84, .	1.1	28
18	High-resolution 13C nuclear magnetic resonance evidence of phase transition of Rb,Cs-intercalated single-walled nanotubes. Journal of Applied Physics, 2011, 110, .	1.1	5

#	Article	IF	Citations
19	Communications: Nanomagnetic shielding: High-resolution NMR in carbon allotropes. Journal of Chemical Physics, 2010, 132, 021102.	1.2	9
20	Molecular Dynamics and Phase Transition in One-Dimensional Crystal of C₆₀ Encapsulated Inside Single Wall Carbon Nanotubes. ACS Nano, 2009, 3, 3878-3883.	7.3	33
21	Hydrogenation of C₆₀in Peapods: Physical Chemistry in Nano Vessels. Journal of Physical Chemistry C, 2009, 113, 8583-8587.	1.5	29
22	High-Purity Diamagnetic Single-Wall Carbon Nanotube Buckypaper. Chemistry of Materials, 2007, 19, 2982-2986.	3.2	39
23	Metallic properties of Li-intercalated carbon nanotubes investigated by NMR. Physical Review B, 2006, 74, .	1.1	26
24	Magnetic interactions in carbon nanostructures. Carbon, 2002, 40, 1825-1842.	5.4	118