

Amidou Traore

List of Publications by Year in descending order

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34
papers

700
citations

623734

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552781

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34
all docs

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docs citations

34
times ranked

1024
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative sodium magnetic resonance imaging in food: Addressing sensitivity issues using single quantum chemical shift imaging at high field. <i>Magnetic Resonance in Chemistry</i> , 2022, 60, 628-636.	1.9	0
2	Simultaneous proteoglycans and hypoxia mapping of chondrosarcoma environment by frequency selective CEST MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1008-1018.	3.0	1
3	Circadian Variation of Root Water Status in Three Herbaceous Species Assessed by Portable NMR. <i>Plants</i> , 2021, 10, 782.	3.5	3
4	Multiscale NMR analysis of the degradation of apple structure due to thermal treatment. <i>Journal of Food Engineering</i> , 2021, 294, 110413.	5.2	3
5	Puncture, MRI and NMR relaxometry data for multiscale analysis of the degradation of apple structure due to thermal treatment. <i>Data in Brief</i> , 2021, 36, 107029.	1.0	1
6	Parsimonious discretization for characterizing multi-exponential decay in magnetic resonance. <i>NMR in Biomedicine</i> , 2020, 33, e4366.	2.8	5
7	Antioxidant and Cardioprotective Effects of EPA on Early Low-Severity Sepsis through UCP3 and SIRT3 Upholding of the Mitochondrial Redox Potential. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-21.	4.0	20
8	Structural and functional alterations in the retrosplenial cortex following neuropathic pain. <i>Pain</i> , 2019, 160, 2241-2254.	4.2	13
9	Effects of Catching Method, Rigor Status at Processing, and Pre-salting Methods on the Water Distribution and Characteristics of Heavily Salted Atlantic Cod (<i>Gadus morhua</i>) Muscle: A Multi-parametric Magnetic Resonance Study. , 2018, , 1883-1900.		0
10	The effect of origin of the gelatine and ageing on the secondary structure and water dissolution. <i>Food Hydrocolloids</i> , 2017, 66, 378-388.	10.7	29
11	Mapping of the brain hemodynamic responses to sensorimotor stimulation in a rodent model: A BOLD fMRI study. <i>PLoS ONE</i> , 2017, 12, e0176512.	2.5	8
12	Effects of Catching Method, Rigor Status at Processing, and Pre-salting Methods on the Water Distribution and Characteristics of Heavily Salted Atlantic Cod (<i>Gadus morhua</i>) Muscle. A Multi-parametric Magnetic Resonance Study. , 2016, , 1-18.		0
13	High-intensity interval training reduces abdominal fat mass in postmenopausal women with type 2 diabetes. <i>Diabetes and Metabolism</i> , 2016, 42, 433-441.	2.9	97
14	The effects of pre-salting methods on salt and water distribution of heavily salted cod, as analyzed by ¹ H and ²³ Na MRI, ²³ Na NMR, low-field NMR and physicochemical analysis. <i>Food Chemistry</i> , 2015, 188, 664-672.	8.2	25
15	The Effect of Crystal Size and Encapsulation of Salt on Sodium Distribution and Mobility in Bread as Studied with ²³ Na Double Quantum Filtering NMR. <i>Special Publication - Royal Society of Chemistry</i> , 2013, , 35-43.	0.0	0
16	Modulation of bud survival in <i>Populus nigra</i> sprouts in response to water stress-induced embolism. <i>Tree Physiology</i> , 2013, 33, 261-274.	3.1	28
17	Characterisation of spinal cord in a mouse model of spastic paraplegia related to abnormal axo-myelin interactions by in vivo quantitative MRI. <i>NeuroImage</i> , 2009, 46, 1-9.	4.2	11
18	Metabolic changes detected by proton magnetic resonance spectroscopy <i>in vivo</i> and <i>in vitro</i> in a murin model of Parkinson's disease, the MPTP-intoxicated mouse. <i>Journal of Neurochemistry</i> , 2008, 105, 874-882.	3.9	45

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19	Orthologous Metabonomic Qualification of a Rodent Model Combined with Magnetic Resonance Imaging for an Integrated Evaluation of the Toxicity of <i>Hypochlostris radicata</i> . <i>Chemical Research in Toxicology</i> , 2008, 21, 2082-2096.	3.3	15
20	Newly Developed Hybrid Suture without Lubricant: Noninvasive In Vivo Assessment of Biocompatibility with Multiparametric MR Imaging. <i>Journal of Investigative Surgery</i> , 2007, 20, 121-133.	1.3	3
21	Characterization of an Endovascular Prosthesis Using the 3Bs Rule (Biocompatibility, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6 Necropsy. <i>Journal of Long-Term Effects of Medical Implants</i> , 2007, 17, 237-262.	0.7	6
22	Biocompatibility Studies of the Anaconda Stent-Graft and Observations of Nitinol Corrosion Resistance. <i>Journal of Endovascular Therapy</i> , 2004, 11, 385-403.	1.5	16
23	An Analytic Method to Predict the Thermal Map of Cryosurgery Iceballs in MR Images. <i>IEEE Transactions on Medical Imaging</i> , 2004, 23, 122-129.	8.9	6
24	Improved image contrast with mangafodipir trisodium (MnDPDP) during MR-guided percutaneous cryosurgery of the liver. <i>Magnetic Resonance Imaging</i> , 2003, 21, 609-615.	1.8	10
25	Tissue Reaction to Polypyrrole-Coated Polyester Fabrics: An in Vivo Study in Rats. <i>Tissue Engineering</i> , 2002, 8, 635-647.	4.6	120
26	La chirurgie vasculaire avec effraction tissulaire minimale pour exclusion d'anÃ©vrisme : intÃ©rÃ©ts et limites des essais chez l'animal. <i>IRBM News</i> , 2002, 23, 212-234.	0.1	3
27	¹ H-NMR study of water dynamics in hydrated collagen: Transverse relaxation-time and diffusion analysis. <i>Biopolymers</i> , 2000, 53, 476-483.	2.4	29
28	Dynamics of collagen hydration by quasielastic neutron scattering. <i>Physica B: Condensed Matter</i> , 2000, 276-278, 518-519.	2.7	3
29	¹ H NMR studies: dynamics of water in gelatin. <i>European Biophysics Journal</i> , 2000, 29, 159-164.	2.2	11
30	In Vivo Magnetic Resonance Imaging and Relaxometry Study of a Porous Hydrogel Implanted in the Trapezius Muscle of Rabbits. <i>Tissue Engineering</i> , 2000, 6, 265-278.	4.6	16
31	First-Generation Aortic Endografts: Analysis of Explanted Stentor Devices From the EUROSTAR Registry. <i>Journal of Endovascular Therapy</i> , 2000, 7, 105-122.	1.5	26
32	First-Generation Aortic Endografts: Analysis of Explanted Stentor Devices from the EUROSTAR Registry. <i>Journal of Endovascular Therapy</i> , 2000, 7, 105-122.	1.5	109
33	Endovascular procedures under near-real-time magnetic resonance imaging guidance: An experimental feasibility study. <i>Journal of Vascular Surgery</i> , 2000, 32, 1006-1014.	1.1	36
34	Water Dynamics in Gelatine. <i>Relaxation and Diffusion Analysis.</i> , 1999, , 73-78.		2