

# Amidou Traore

## List of Publications by Year in descending order

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34  
papers

700  
citations

623188

14  
h-index

552369

26  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue Reaction to Polypyrrole-Coated Polyester Fabrics: An in Vivo Study in Rats. <i>Tissue Engineering</i> , 2002, 8, 635-647.	4.9	120
2	First-Generation Aortic Endografts: Analysis of Explanted Stentor Devices from the EUROSTAR Registry. <i>Journal of Endovascular Therapy</i> , 2000, 7, 105-122.	0.8	109
3	High-intensity interval training reduces abdominal fat mass in postmenopausal women with type 2 diabetes. <i>Diabetes and Metabolism</i> , 2016, 42, 433-441.	1.4	97
4	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.	2.1	45
5	Endovascular procedures under near-real-time magnetic resonance imaging guidance: An experimental feasibility study. <i>Journal of Vascular Surgery</i> , 2000, 32, 1006-1014.	0.6	36
6	<sup>1</sup> H-NMR study of water dynamics in hydrated collagen: Transverse relaxation-time and diffusion analysis. <i>Biopolymers</i> , 2000, 53, 476-483.	1.2	29
7	The effect of origin of the gelatine and ageing on the secondary structure and water dissolution. <i>Food Hydrocolloids</i> , 2017, 66, 378-388.	5.6	29
8	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.	1.4	28
9	First-Generation Aortic Endografts: Analysis of Explanted Stentor Devices From the EUROSTAR Registry. <i>Journal of Endovascular Therapy</i> , 2000, 7, 105-122.	0.8	26
10	The effects of pre-salting methods on salt and water distribution of heavily salted cod, as analyzed by <sup>1</sup> H and <sup>23</sup> Na MRI, <sup>23</sup> Na NMR, low-field NMR and physicochemical analysis. <i>Food Chemistry</i> , 2015, 188, 664-672.	4.2	25
11	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, 1-21.	1.9	20
12	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.	4.9	16
13	Biocompatibility Studies of the Anaconda Stent-Graft and Observations of Nitinol Corrosion Resistance. <i>Journal of Endovascular Therapy</i> , 2004, 11, 385-403.	0.8	16
14	Orthologous Metabonomic Qualification of a Rodent Model Combined with Magnetic Resonance Imaging for an Integrated Evaluation of the Toxicity of <i>Hypochæris radicata</i> . <i>Chemical Research in Toxicology</i> , 2008, 21, 2082-2096.	1.7	15
15	Structural and functional alterations in the retrosplenial cortex following neuropathic pain. <i>Pain</i> , 2019, 160, 2241-2254.	2.0	13
16	<sup>1</sup> H NMR studies: dynamics of water in gelatin. <i>European Biophysics Journal</i> , 2000, 29, 159-164.	1.2	11
17	Characterisation of spinal cord in a mouse model of spastic paraplegia related to abnormal axon-myelin interactions by <i>in vivo</i> quantitative MRI. <i>NeuroImage</i> , 2009, 46, 1-9.	2.1	11
18	Improved image contrast with mangafodipir trisodium (MnDPDP) during MR-guided percutaneous cryosurgery of the liver. <i>Magnetic Resonance Imaging</i> , 2003, 21, 609-615.	1.0	10

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19	Mapping of the brain hemodynamic responses to sensorimotor stimulation in a rodent model: A BOLD fMRI study. PLoS ONE, 2017, 12, e0176512.	1.1	8
20	An Analytic Method to Predict the Thermal Map of Cryosurgery Iceballs in MR Images. IEEE Transactions on Medical Imaging, 2004, 23, 122-129.	5.4	6
21	Characterization of an Endovascular Prosthesis Using the 3Bs Rule (Biocompatibility, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6 Necropsy. Journal of Long-Term Effects of Medical Implants, 2007, 17, 237-262.	0.2	6
22	Parsimonious discretization for characterizing multi-exponential decay in magnetic resonance. NMR in Biomedicine, 2020, 33, e4366.	1.6	5
23	Dynamics of collagen hydration by quasielastic neutron scattering. Physica B: Condensed Matter, 2000, 276-278, 518-519.	1.3	3
24	La chirurgie vasculaire avec effraction tissulaire minimale pour exclusion d'anévrisme : intérêts et limites des essais chez l'animal. IRBM News, 2002, 23, 212-234.	0.1	3
25	Newly Developed Hybrid Suture without Lubricant: Noninvasive In Vivo Assessment of Biocompatibility with Multiparametric MR Imaging. Journal of Investigative Surgery, 2007, 20, 121-133.	0.6	3
26	Circadian Variation of Root Water Status in Three Herbaceous Species Assessed by Portable NMR. Plants, 2021, 10, 782.	1.6	3
27	Multiscale NMR analysis of the degradation of apple structure due to thermal treatment. Journal of Food Engineering, 2021, 294, 110413.	2.7	3
28	Water Dynamics in Gelatine. Relaxation and Diffusion Analysis. , 1999, , 73-78.		2
29	Simultaneous proteoglycans and hypoxia mapping of chondrosarcoma environment by frequency selective CEST MRI. Magnetic Resonance in Medicine, 2021, 86, 1008-1018.	1.9	1
30	Puncture, MRI and NMR relaxometry data for multiscale analysis of the degradation of apple structure due to thermal treatment. Data in Brief, 2021, 36, 107029.	0.5	1
31	The Effect of Crystal Size and Encapsulation of Salt on Sodium Distribution and Mobility in Bread as Studied with <sup>23</sup> Na Double Quantum Filtering NMR. Special Publication - Royal Society of Chemistry, 2013, , 35-43.	0.0	0
32	Effects of Catching Method, Rigor Status at Processing, and Pre-salting Methods on the Water Distribution and Characteristics of Heavily Salted Atlantic Cod (Gadus morhua) Muscle. A Multi-parametric Magnetic Resonance Study. , 2016, , 1-18.		0
33	Effects of Catching Method, Rigor Status at Processing, and Pre-salting Methods on the Water Distribution and Characteristics of Heavily Salted Atlantic Cod (Gadus morhua) Muscle: A Multi-parametric Magnetic Resonance Study. , 2018, , 1883-1900.		0
34	Quantitative sodium magnetic resonance imaging in food: Addressing sensitivity issues using single quantum chemical shift imaging at high field. Magnetic Resonance in Chemistry, 2022, 60, 628-636.	1.1	0