

# Allegra Conti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9197202/publications.pdf>

Version: 2024-02-01

30  
papers

527  
citations

840776

11  
h-index

713466

21  
g-index

31  
all docs

31  
docs citations

31  
times ranked

662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiomics in breast cancer classification and prediction. <i>Seminars in Cancer Biology</i> , 2021, 72, 238-250.	9.6	165
2	Ultrasound Neuromodulation: Mechanisms and the Potential of Multimodal Stimulation for Neuronal Function Assessment. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	60
3	Recent Advances on Ultrasound Contrast Agents for Blood-Brain Barrier Opening with Focused Ultrasound. <i>Pharmaceutics</i> , 2020, 12, 1125.	4.5	39
4	A new safety index based on intrapulse monitoring of ultra-harmonic cavitation during ultrasound-induced blood-brain barrier opening procedures. <i>Scientific Reports</i> , 2020, 10, 10088.	3.3	30
5	Deep computational pathology in breast cancer. <i>Seminars in Cancer Biology</i> , 2021, 72, 226-237.	9.6	30
6	Cortical and phase rim lesions on 7 T MRI as markers of multiple sclerosis disease progression. <i>Brain Communications</i> , 2021, 3, fcab134.	3.3	24
7	Multimodal 3D imaging based on 4MRI and 4CT techniques bridges the gap with histology in visualization of the bone regeneration process. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 750-761.	2.7	22
8	Empirical and Theoretical Characterization of the Diffusion Process of Different Gadolinium-Based Nanoparticles within the Brain Tissue after Ultrasound-Induced Permeabilization of the Blood-Brain Barrier. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-13.	0.8	21
9	Assessing Diffusion in the Extra-Cellular Space of Brain Tissue by Dynamic MRI Mapping of Contrast Agent Concentrations. <i>Frontiers in Physics</i> , 2018, 6, .	2.1	19
10	Variability and Reproducibility of Directed and Undirected Functional MRI Connectomes in the Human Brain. <i>Entropy</i> , 2019, 21, 661.	2.2	15
11	Lower Functional Connectivity in Vestibular-Limbic Networks in Individuals With Subclinical Agoraphobia. <i>Frontiers in Neurology</i> , 2019, 10, 874.	2.4	15
12	About the Marty model of blood-brain barrier closure after its disruption using focused ultrasound. <i>Physics in Medicine and Biology</i> , 2019, 64, 14NT02.	3.0	15
13	On the macromolecular cellulosic network of paper: changes induced by acid hydrolysis studied by NMR diffusometry and relaxometry. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 8409-8417.	2.8	11
14	Two-phase water model in the cellulose network of paper. <i>Cellulose</i> , 2017, 24, 3479-3487.	4.9	10
15	Fast Room Temperature Very Low Field-Magnetic Resonance Imaging System Compatible with MagnetoEncephaloGraphy Environment. <i>PLoS ONE</i> , 2015, 10, e0142701.	2.5	10
16	Optimized 3D co-registration of ultra-low-field and high-field magnetic resonance images. <i>PLoS ONE</i> , 2018, 13, e0193890.	2.5	8
17	Magnetic Resonance Methods for Focused Ultrasound-Induced Blood-Brain Barrier Opening. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	6
18	A novel multi-branch architecture for state of the art robust detection of pathological phonocardiograms. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200264.	3.4	5

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19	Characterization of the diffusion process of different Gadolinium-based nanoparticles within the brain tissue after ultrasound induced Blood-Brain Barrier permeabilization. , 2016, , .		4
20	Software tools for the quantitative evaluation of dental treatment effects from $\mu$ CT scans. Journal of Biomedical Graphics and Computing, 2013, 3, .	0.2	3
21	Very Low Field MRI: A fast system compatible with Magnetoencephalography. , 2015, , .		3
22	Invasive aspergillosis in relapsed/refractory acute myeloid leukaemia patients: Results from SEIFEM 2016 survey. Mycoses, 2022, 65, 171-177.	4.0	3
23	Classification of real-world pathological phonocardiograms through multi-instance learning. , 2021, 2021, 771-774.		2
24	International Society for Therapeutic Ultrasound Conference 2016. Journal of Therapeutic Ultrasound, 2017, 5, .	2.2	1
25	Numerical model fully depicting nanoparticle uptake within brain after ultrasound induced Blood-Brain Barrier opening. , 2017, , .		1
26	Notice of Removal: Comparison of single spot and volume ultrasound sonications for efficient nanoparticle delivery to glioblastoma model in rats. , 2017, , .		1
27	Reduced betweenness centrality of a sensory-motor vestibular network in subclinical agoraphobia. , 2019, 2019, 4342-4345.		1
28	Detection of abnormal phonocardiograms through the Mel-frequency ceptrum and convolutional neural networks. , 2020, , .		1
29	Editorial: Magnetic Resonance-Guided Focused Ultrasound: Physical Principles and Biomedical Applications. Frontiers in Physics, 2021, 9, .	2.1	1
30	Frequency dependent functional brain reorganization in anesthesia is specific to drug concentration. , 2020, 2020, 2921-2924.		0