

Steren Chabert

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

287
citations

1039406

9
h-index

940134

16
g-index

24
all docs

24
docs citations

24
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion tensor imaging of the human optic nerve using a non-CPMG fast spin echo sequence. Journal of Magnetic Resonance Imaging, 2005, 22, 307-310.	1.9	44
2	Theoretical and experimental study of growth and remodeling in the developing heart. Biomechanics and Modeling in Mechanobiology, 2002, 1, 29-43.	1.4	41
3	Using Machine Learning to Predict Complications in Pregnancy: A Systematic Review. Frontiers in Bioengineering and Biotechnology, 2021, 9, 780389.	2.0	31
4	Study protocol and rationale of the "Cogni-action project" a cross-sectional and randomized controlled trial about physical activity, brain health, cognition, and educational achievement in schoolchildren. BMC Pediatrics, 2019, 19, 260.	0.7	20
5	Diffusion Signal in Magnetic Resonance Imaging: Origin and Interpretation in Neurosciences. Biological Research, 2007, 40, .	1.5	19
6	Applying machine learning and image feature extraction techniques to the problem of cerebral aneurysm rupture. Research Ideas and Outcomes, 0, 3, e11731.	1.0	15
7	Self-Improving Generative Artificial Neural Network for Pseudorehearsal Incremental Class Learning. Algorithms, 2019, 12, 206.	1.2	14
8	Impact of λ -Value Sampling Scheme on Brain IVIM Parameter Estimation in Healthy Subjects. Magnetic Resonance in Medical Sciences, 2020, 19, 216-226.	1.1	13
9	Impact of Remote Monitoring Technologies for Assisting Patients With Gestational Diabetes Mellitus: A Systematic Review. Frontiers in Bioengineering and Biotechnology, 2022, 10, 819697.	2.0	12
10	Intramyocardial pressure measurements in the stage 18 embryonic chick heart. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H1248-H1254.	1.5	11
11	Self-Organizing Neuro-Fuzzy Inference System. Lecture Notes in Computer Science, 2008, , 429-436.	1.0	10
12	Image Quality Assessment to Emulate Experts' Perception in Lumbar MRI Using Machine Learning. Applied Sciences (Switzerland), 2021, 11, 6616.	1.3	10
13	Four functional magnetic resonance imaging techniques for skeletal muscle exploration, a systematic review. European Journal of Radiology, 2021, 144, 109995.	1.2	9
14	Diffusion signal in magnetic resonance imaging: origin and interpretation in neurosciences. Biological Research, 2007, 40, 385-400.	1.5	8
15	Brain Tumors: How Can Images and Segmentation Techniques Help?. , 0, , .		7
16	Pseudorehearsal Approach for Incremental Learning of Deep Convolutional Neural Networks. Communications in Computer and Information Science, 2017, , 118-126.	0.4	6
17	Multiple echo multi-shot diffusion sequence. Journal of Magnetic Resonance Imaging, 2014, 39, 1027-1032.	1.9	4
18	Fuzzy General Linear Modeling for Functional Magnetic Resonance Imaging Analysis. IEEE Transactions on Fuzzy Systems, 2020, 28, 100-111.	6.5	4

#	ARTICLE	IF	CITATIONS
19	Quantitative description of the morphology and ossification center in the axial skeleton of 20-week gestation formalin-fixed human fetuses using magnetic resonance images. <i>Prenatal Diagnosis</i> , 2012, 32, 252-258.	1.1	3
20	Comparison of q-Space Reconstruction Methods for Undersampled Diffusion Spectrum Imaging Data. <i>Magnetic Resonance in Medical Sciences</i> , 2020, 19, 108-118.	1.1	2
21	Análisis cuantitativo de variables hemodinámicas de la aorta obtenidas de 4D flow. <i>Revista Chilena De Radiología</i> , 2012, 18, 62-67.	0.2	1