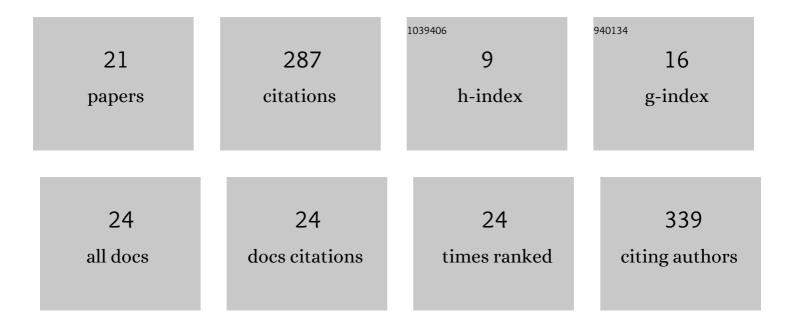
Steren Chabert

List of Publications by Year in descending order

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| # | 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 <i>b</i> -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 multiâ€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 20â€week gestation formalinâ€fixed human fetuses using magnetic resonance images. Prenatal Diagnosis, 2012, 32, 252-258. | 1.1 | 3 |
| 20 | Comparison of q-Space Reconstruction Methods for Undersampled Diffusion Spectrum Imaging Data. Magnetic Resonance in Medical Sciences, 2020, 19, 108-118. | 1.1 | 2 |
| 21 | Análisis cuantitativo de variables hemodinámicas de la aorta obtenidas de 4D flow. Revista Chilena De Radiologia, 2012, 18, 62-67. | 0.2 | 1 |