Indexed Journals

Include the SCimago Journal & Country Ranking (SJR) 2103, http://www.scimagojr.com/ .

- Daducci A, Canales-Rodriguez E, Descoteaux M, Gur Y, Mani M, Merlet S, Ramirez-Manzanares A, Rodrigues P, Reisert M, Sepehrband F. et al. Quantitative comparison of reconstruction methods for intra-voxel fiber recovery from diffusion MRI. IEEE Trans Med Imaging, 33(2), February 2014, 384-99. **(5-Year Impact Factor: 4.268, SNIP 2.779, SJR Rank 2[(1)], 1 google-scholar-cites)**
- Ramon Aranda, Mariano Rivera, Alonso Ramirez-Manzanares, A flocking based method for brain tractography, Medical Image Analysis, 18(3),2014, 515–530. **(5-Year Impact Factor: 4.662, SNIP 2.931)**
- J. M. Azpiroz, D. Moreno, A. Ramirez-Manzanares, J. M. Ugalde, M. A. Mendez-Rojas, G. Merino. Heavy periodane, Journal of Molecular Modeling. May 2013, Volume 19, Issue 5, pp 1953-1958. **(5-Year Impact Factor: 2.301, SNIP 0.663, 1 google-scholar-cites)**
- Mariano Rivera, Oscar Dalmau Cedeño, Washington Mio, Alonso Ramirez-Manzanares: Spatial Sampling for Image Segmentation. The computer Journal, Volume 55, Issue 3, pp. 313-324, March 2012, DOI 10.1093/comjnl/bxr032 **(5-Year Impact Factor: 0.954, SNIP 1.364, 2 google-scholar-cites)**
- A. Ramirez-Manzanares, P. A. Cook, M. Hall, M. Ashtari and J. C. Gee. *Resolving Axon Fiber Crossings at Clinical b-values: An Evaluation Study*, Journal of Medical Physics Volume 38, Issue 9, 5239-53 , Sep. 2011. **(5-Year Impact Factor: 3.138, SNIP 1.679, 4 scopus-cites, 5 google-scholar-cites)**
- A. Ramirez-Manzanares, M. Rivera, P. Kornprobst and F. Lauze. *Variational multi-valued velocity field estimation for transparent sequences*, Journal of Mathematical Imaging and Vision, Volume 40, Issue 3, 285-304 , July 2011. **(5-Year Impact Factor: 1.696, SNIP 2.138, SJR Rank 8[(2)], 1 scopus-cites, 2 google-scholar-cites)**
- P. Fillard, M. Descoteaux, A. Goh, S. Gouttard, B. Jeurissen, J. Malcolm, A. Ramirez-Manzanares, M. Reisert, K. Sakaie, F. Tensaouti, T. Yo, J. F. Mangin, C. Poupon. *Quantitative Evaluation of 10 Tractography Algorithms on a Realistic Diffusion MR Phantom*, Neuroimage, Volume 56, Issue 1, 220-234, May 2011. **(5-Year Impact Factor: 7.063, SNIP 1.858, SJR Rank 3[(3)], 76 scopus-cites, 111 google-scholar-cites)**
- A. Ramírez-Manzanares, M. Rivera, B. C. Vemuri, P. Carney and T. Mareci. *Diffusion Basis Functions Decomposition for Estimating White Matter Intra-voxel Fiber Geometry*. IEEE Transactions on Medical Imaging. Aug, Vol. 26, No. 8, pp.1091-1102. 2007 **(5-Year Impact Factor: 4.268, SNIP 2.779, SJR Rank 2 [(4)], 35 scopus-cites, 63 google-scholar-cites)**
- A. Ramírez-Manzanares and M. Rivera. *Basis Tensor Decomposition for Restoring Intra-Voxel Structure and Stochastic Walks for inferring Brain Connectivity DT-MRI*. International Journal of Computer Vision, 69(1), pp. 77-92, 2006. **(5-Year Impact Factor: 4.856, SNIP 5.428, SJR Rank 2 [(5)], 16 scopus-cites, 23 google-scholar-cites)**

[(1)] SJR, Subject Category: Radiology, Biomedical Engineering
[(2)] SJR, Subject Category: Computer Vision and Pattern Recognition
[(3)] SJR, Subject Category: Radiology, Nuclear Medicine and Imaging
[(4)] SJR, Subject Category: Radiology, Biomedical Engineering
[(5)] SJR, Subject Category: Computer Vision and Pattern Recognition

Other Journals

- A. Ramírez-Manzanares, J. Rafael-Patiño, M. Ashtari*: Denoising of brain DW-MR data by single and multiple diffusion kernels.* Acta Universitaria, 2010, Volume 20 (3), pp 44-50. ISSN 0188-6266.

Conferences

Include CORE2013 Conference Ranking, www.core.edu.au/coreportal.

- J. Luis Cabellos, Filiberto Ortiz, Rafael Grande-Aztatzi, Alonso Ramirez-Manzanares and Gabriel Merino, "RANDOM MOLECULAR STRUCTURE SEARCHING", XII Reunión Mexicana de Físico Química Teórica Nov. 2013.
- Ramón Aranda, Mariano Rivera and Alonso Ramırez-Manzanares, Self-oriented diffusion basis functions for white matter structure estimation, in Proc Int. Sym. Biomedical Imaging (ISBI), pp 1138-1141, 2013. **(19% acceptance ratio for oral)**
- Alonso Ramirez-Manzanares, Ramon Aranda, Mariano Rivera and Omar Ocegueda. *Diffusion Basis Functions on Spatially Regularized DW-MRI.* In: Workshop on HARDI reconstruction. ISBI, Spain. May, 2012 **(Our team, Frogs, got 3th, 3th and 4th ranking place on different contests, see http://hardi.epfl.ch/static/events/2012_ISBI/_static/Talks/workshop.pdf)**
- Ramón Aranda, Mariano Rivera, Alonso Ramírez-Manzanares. *Paralelización de Partículas Masivas para la Estimación de Fibras Cerebrales*. In: 3rd International Supercomputing Conference in México. March, 2012.
- J. Rafael-Patiño,A. Ramirez-Manzanares, M Rivera: *Estimation of Anisotropic Water Diffusion Indexes on Axon Bundle Crossings*, IEEE Proceedings on 10th Mexican International Conference on Artificial Intelligence (MICAI), pp. 196-201, Dec. 2011
- R. Aranda, M. Rivera, and A. Ramirez-Manzanares: *Improved Diffusion Basis Functions Fitting and Metric Distance for Brain Axon Fiber Estimation*. In Proc. Fifth Pacific-Rim Symposium on Image and Video Technology, pp.36-47, Nov. 2011. **(Rank B, Source: CORE2013) ***.
- C. C. Brun, H. Wang, R. Aranda, A. Ramirez-Manzanares, M. Rivera, P. A. Yushkevich, J. C. Gee*: Involving machine learning and particule mass in the segmentation of cortico-spinal tract.* DTI Tractography Challenge, MICCAI, September, 2011 **(Rank A, Source: CORE2013)**.
- A. Ramirez-Manzanares, A. Palafox-Gonzalez, M. Rivera*: Robust Spatial Regularization and Velocity Layer Separation for Optical Flow Computation on Transparent Sequences.* Advances in Artificial Intelligence, Lecture Notes in Computer Science, Volume 6437/2010 : 325-336 DOI: 10.1007/978-3-642-16761-4_29 , 2010
- Ramón Aranda, Mariano Rivera, Alonso Ramírez-Manzanares, Manzar Ashtari and James C. Gee*, Massive Particles for Brain Tractography,* Advances in Artificial Intelligence, Lecture Notes in Computer Science, 2010, Volume 6437/2010, 446-457, DOI: 10.1007/978-3-642-16761-4_39 **(1 scopus-cites, 1 google-scholar-cites)**
- A. Ramírez-Manzanares, J. Rafael-Patiño, M. Ashtari*, Single and Multi Diffusion-Tensor Based Kernels for Anisotropic Filtering of Brain DW-MR Images,* IEEE Electronics, Robotics and Automotive Mechanics Conference, pp.399-404, 2010
- E. Hernandez, T. Cordova, A. Ramírez-Manzanares, D. K. B. Li, M. F. Dvorak, A. Curt, E. L. MacMillan, B. Mädler, A. L. Mackay. *Pitfalls of Spinal DTI in Cervical Spondylotic Myelopathy*. Annual Meeting ISMRM, 1-7, Stockholm, Sweden, May 2010, **(rigorous peer selection, with a rejection rate ~30%)**
- A. Ramirez-Manzanares, M. Rivera, and J. C. Gee. *Denoising Intra-voxel Axon Fiber Orientations by Means of EC-QMMF Method*. In 8th Mexican International Conference on Artificial Intelligence 11-Nov-2009, Guanajuato, LNCS. Pp. 303-311.
- A. Ramirez-Manzanares, M. Rivera, and J. C. Gee. *Depicting axon fibers on a diffusion phantom by means of hybrid DBF-DT data*. In Workshop Diffusion Modelling and Fiber Cup at MICCAI 2009. London, U.K. 24 Aug. 2009. pp. 1-4. **(2 google-scholar-cites)**
- E. Hernandez, Alex L. Mackay, Erin L. MacMillan, Burkard Mädler, David K. Li2, M F. Dvorak, Teodoro Cordova, A. Ramirez-Manzanares, C Laule, *Diffusion Tensor Imaging of Subjects with Cervical Spondlytic Myelopathy: Use of the Eigenvalues as Indicators of Spinal Stenosis*. Annual Meeting ISMRM, 18-24 Apr 2009, Honolulu, Hawai, USA. **(rigorous peer selection, with a rejection rate ~30%)**
- G. Song, A. Ramírez-Manzanares and J. C. Gee. *A simultaneous segmentation and regularization framework for vessel extraction in CT images*. First International Workshop on Pulmonary Image Processing, 2008, pp 185-193. **(4 google-scholar-cites)**
- A. Ramirez-Manzanares, P. A. Cook, and J. C. Gee. *A comparison of methods for recovering intra-voxel white matter fiber architecture from clinical diffusion imaging scans.* In Med Image Comput Comput Assist Interv (New York, USA, Sep 2008), vol. 5241 of Lecture Notes in Computer Science, Springer Berlin / Heidelberg, pp. 305-312. **(Rank A, Source: CORE2013, ~31% Acceptance Ratio, 11 scopus-cites, 12 google-scholar-cites)**.

- A. Ramirez-Manzanares, H. Zhang, M. Rivera, and J. C. Gee. *Robust regularization for the estimation of intra-voxel axon fiber orientations.* In Workshop Math Methods in Biomed Imag Anal (Anchorage, Alaska, Jun 2008), pp. 1-8. (**dentro de CVPR, Rank A, Source: CORE2013, 32% Acceptance Rate, 3 google-scholar-cites**)
- A. Ramírez-Manzanares, M. Rivera, P. Kornprobst and F. Lauze. *A Variational Approach for Multi-Valued Velocity Field Estimation in Transparent Sequences*. 1st International Conference on Scale Space and Variational Methods in Computer Vision, Ischia, Italy. LNCS. pp. 227-238. May. 2007. (**3 scopus-cites, 4 google-scholar-cites**)
- A. Ramírez-Manzanares and M. Rivera, *Basis Pursuit based algorithm for intra-voxel recovering information in DW-MR*, Procc. IEEE Sixth Mexican International Conference on Computer Science (ENC'05), pp. 152-157, Puebla, México, 2005. (**2 scopus-cites, 2 google-scholar-cites**)
- A. Ramírez-Manzanares, M. Rivera, B. C. Vemuri and T. Mareci. *Basis Functions for Estimating Intra–voxel Structure in DW–MRI*. Procc. IEEE Medical Imaging Conference 2004, Rome, Italy, pp. 4207- 4211, October 2004. (**4 scopus-cites, 9 google-scholar-cites**)
- A. Ramírez-Manzanares and M. Rivera. *Brain Nerve Bundles Estimation by Restoring and Filtering Intra-Voxel Information in Diffusion Tensor MRI*. VLSM 2003. Nice France, pp. 71-80. October 2003. (***Prizewinner as Best Student Paper*, 21 google-scholar-cites**)

** CORE2013 symbology: A -> excellent conference, B -> good conference*

Research Reports

- A. Ramírez-Manzanares, M. Rivera, P. Kornprobst and F. Lauze. *Multi-Valued Motion Fields Estimation for Transparent Sequences with a Variational Approach*. Rapport De Recherche Inria, Report number RR-5920. Jun. 2006.
- A. Ramirez-Manzanares, M. Rivera, P. Kornprobst and F. Lauze. Multi-Valued Motion Fields Estimation for Transparent Sequences with a Variational Approach. Reporte Técnico del CIMAT, number 22.06.2006, I-06-12 (CC). 2006.
- A. Ramirez-Manzanares, M. Rivera, B. C. Vemuri and T. Mareci. Basis functions for estimating intra-voxel structure in DW-MRI. Reporte Técnico del CIMAT, number 18.10.2004, I-04-10 (CC). 2004.

Resume of Cites

Tipo artículo	*# Scopus*	*# A Type en Scopus*	*# Google-Scholar*	*# A Type Google-Scholar*
Indexed Journals	132	97	208	159
Conference/workshops	21	9	58	25
TOTALES	153	**106**	266	**184**