

Developmental Synaptopathies Consortium

Journal Articles

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3. Baumer FM, Song JW, Mitchell PD, et al. Longitudinal changes in diffusion properties in white matter pathways of children with tuberous sclerosis complex. *Pediatr. Neurol.* Jun 2015;52(6):615-623. PMID: 25817702, PMCID: PMC4442035
4. Davis PE, Peters JM, Krueger DA, Sahin M. Tuberous Sclerosis: A New Frontier in Targeted Treatment of Autism. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*. Jul 2015;12(3):572-583. PMID: 25986747, PMCID: PMC4489948
5. Neul JL, Sahin M. Therapeutic Advances in Autism and Other Neurodevelopmental Disorders. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*. Jul 2015;12(3):519-520. PMID: 26076992, PMCID: PMC4489958
6. Tilot AK, Frazier TW, 2nd, Eng C. Balancing Proliferation and Connectivity in PTEN-associated Autism Spectrum Disorder. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*. Jul 2015;12(3):609-619. PMID: 25916396, PMCID: PMC4489960
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8. Scherrer B, Schwartzman A, Taquet M, Sahin M, Prabhu SP, Warfield SK. Characterizing brain tissue by assessment of the distribution of anisotropic microstructural environments in diffusion-compartment imaging (DIAMOND). *Magn. Reson. Med.* Sep 12 2015. PMID: 26362832
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11. Ebrahimi-Fakhari D, Saffari A, Wahlster L, et al. Congenital disorders of autophagy: an emerging novel class of inborn errors of neuro-metabolism. *Brain*. 2016;139(Pt 2):317-337. PMID: 26715604
12. Marami B, Scherrer B, Afacan O, Erem B, Warfield SK, Gholipour A. Motion-Robust Diffusion-Weighted Brain MRI Reconstruction Through Slice-Level Registration-Based Motion Tracking. *IEEE Trans Med Imaging*. 2016;35(10):2258-2269. PMID: 27834639, PMCID: PMC5108524

- 13.** Sahin M, Henske EP, Manning BD, et al. Advances and Future Directions for Tuberous Sclerosis Complex Research: Recommendations From the 2015 Strategic Planning Conference. *Pediatr. Neurol.* 2016;60:1-12. PMID: 27267556, PMCID: PMC4921275
- 14.** Frazier TW, Klingemier EW, Beukemann M, et al. Development of an Objective Autism Risk Index Using Remote Eye Tracking. *J. Am. Acad. Child Adolesc. Psychiatry.* Apr 2016;55(4):301-309. PMID: 27015721, PMCID: PMC4808563