

2018-19

Articles

McCane, A. M., Ahn, S., Rubchinsky, L. L. L., Janetsian-Fritz, S. S. S., Linsenbardt, D. N., Czachowski, C. L., & Lapish, C. C. C. (2018). COMT Inhibition Alters Cue-Evoked Oscillatory Dynamics during Alcohol Drinking in the Rat. *eNeuro*, 5(5).

Benson, F. C., & Ratcliff, G. L. (2018). A family of finite Gelfand Pairs associated with wreath products. *Colloquium Mathematicum*, 152(1), 65–78.

Choi, J. (2018) Valuation of GMWB under stochastic volatility, *Journal of Interdisciplinary Mathematics*, 21, 539-551.

Fucci, G. (2018). Vacuum instability in Kaluza-Klein manifolds. *Journal of Physics A: Mathematical and Theoretical*.

Fucci, G. (2018). Asymptotic Expansion of the Heat Kernel Trace of Laplacians with polynomial potentials. *Letters in Mathematical Physics*.

Hattingh, J. H., & Joubert, E. J. (2018). Some multicolor bipartite Ramsey numbers involving cycles and a small number of colors. *Discrete Mathematics*, 341, 1325–1330.

Jantzen, C. S. (2018) Jacquet modules and irreducibility of induced representations for classical p -adic groups, *Manuscripta Mathematica*, 156, 23-55.

Jantzen, C. S. (2018). Duality for classical p -adic groups: the half-integral case. *Representation Theory*. To appear.

Katsoulis, E., & Ramsey, C. (2018). Crossed products of operator algebras: applications of Takai duality. *Journal of Functional Analysis*, 275, 1173–1207.

Pravica, D. W., & Bier, M. (2018). Limits on quantum coherent domains in liquid water. *Acta Physica Polonica B*, 49(9), 1717–1739.

Pravica, D. W., Randriampiry, N., & Spurr, M. J. (2018). Solutions of a Class of Multiplicatively Advanced Differential Equations. *Comptes Rendus Mathematique*, 356(7), 776–817.

Kroll, T. A., Trindade, A. A., Asikis, A., Lau, M., Saenz, C., Head, M., Prematilake, C., Perry, C. (2018) The DUT task: A novel experimental paradigm to investigate the variability of eye movements in whole-text reading for meaning. *Journal of Research*

Design and Statistics in Linguistics and Communications Science
<http://dx.doi.org/10.1558/jrds.35601>

Ratcliff, G. L., Friedlander, H., Grodzicki, W., Johnson, W., Romanov, A., Strasser, B., & Wessel, B. (n.d.). An orbit model for the spectra of nilpotent Gelfand pairs. *Transformation Groups*. To appear.

Shlapentokh, A. (2018). Divisibility of Order and First Order Definability and Decidability in Infinite Algebraic Extensions of Rational Numbers. *Israel Journal of Mathematics*, 226(2), 579–633.