

NHS MRI PHYSICS GROUP PUBLICATION LIST: AUG 2022

1: Effect of Empagliflozin on Kidney Biochemical and Imaging Outcomes in Patients With Type 2 Diabetes, or Prediabetes, and Heart Failure with Reduced Ejection Fraction (SUGAR-DM-HF)

Matthew M.Y. Lee, Keith A. Gillis, Katriona J.M. Brooksbank, **Sarah Allwood-Spiers**, **Pauline Hall Barrientos**, Kirsty Wetherall, Giles Roditi, Bashair AlHummiyany, Colin Berry, Ross T. Campbell, Victor Chong, Liz Coyle, Kieran F. Docherty, John G. Dreisbach, Bernd Kuehn, Catherine Labinjoh, Ninian N. Lang, Vera Lennie, Kenneth Mangion, Alex McConnachie, Clare L. Murphy, ...

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Circulation. 2022;146:364–367

2: Clinical and neuroradiological correlates of sleep in myotonic dystrophy type 1

Mark J Hamilton 1, Antonio Atalaia 2, **John McLean** 3, Sarah A Cumming 4, Jonathan J Evans 5, Bob Ballantyne 6, Ravi Jampana 3, The Scottish Myotonic Dystrophy Consortium 6, Cheryl Longman 6, Eric Livingston 7, Ellen van der Plas 8, Timothy Kosciak 8, Peggy Nopoulos 8, Maria Elena Farrugia 9, Darren G Monckton 4

PMID: 35361525 DOI: 10.1016/j.nmd.2022.02.003

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3: 3T-MRI-based age, sex and site-specific markers of musculoskeletal health in healthy children and young adults

Huda M Elsharkasi, Suet C Chen, Lewis Steell, Shuko Joseph, Naiemh Abdalrahman, Christie McComb, **Blair Johnston**, **John Foster**, Sze Choong Wong, S Faisal Ahmed

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4: A multisystem, cardio-renal investigation of post-COVID-19 illness

Andrew J Morrow # 1 2, Robert Sykes # 1 2, et al, including, **Pauline Hall Barrientos**, **Sarah Allwood-Spiers** Nat Med. 2022 Jun;28(6):1303-1313. doi: 10.1038/s41591-022-01837-9. Epub 2022 May 23.

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5: Liver, visceral and subcutaneous fat in men and women of South Asian and white European descent: a systematic review and meta-analysis of new and published data. Diabetologia, (Accepted for Publication 2022)

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7: Peripheral inflammation is associated with micro-structural and functional connectivity changes in depression-related brain networks

Manfred G Kitzbichler 1, Athina R Aruldass 1, Gareth J Barker 2, Tobias C Wood 2, Nicholas G Dowell 3, Samuel A Hurley 4 5, **John McLean** 6, Marta Correia 7, Charlotte Clarke 3, Linda Pointon 1, Jonathan Cavanagh 8, Phil Cowen 4, Carmine Pariante 2, Mara Cercignani 3, Neuroimmunology of Mood Disorders and Alzheimer's Disease (NIMA) Consortium; Edward T Bullmore # 1, Neil A Harrison # 9 10

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11: Cardiovascular MRI for the detection of thoracic aorta vascular calcification in patients with end-stage renal disease

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Selina Tsim, Gordon W Cowell, Andrew Kidd, Rosemary Woodward, Laura Alexander, Caroline Kelly, **John E Foster**, Kevin G Blyth

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