Recent Publications – Research Institutes and Centres

BY MEMBERS OF THE STAFF AND BY RESEARCH STUDENTS WORKING UNDER THEIR SUPERVISION

The publications information has been derived from the College’s Research Support System. Every effort has been made to ensure that the information is accurate and complete. Please notify the Research Support Systems Administrator (email: rssadmin@tcd.ie) of any errors or omissions which will be corrected in next year’s Calendar.

Academic Practice


'Podcasts: taking educational enhancement conversations online?', The Irish learning technology association’s edtech conference, University College Cork (2022), http://hdl.handle.net/2262/98714 [P. Rooney]

ADAPT Centre for Digital Content Technology


'Support for enhanced GDPR accountability with the Common Semantic Model for ROPA (CSM-ROPA)’, SN Computer Science, 3, 3 (2022), http://dx.doi.org/10.1007/s42979-022-01099-9 [P. Ryan, R. Brennan]


'A GDPR international transfer compliance framework based on an extended Data Privacy Vocabulary (DPV)’, Frontiers in Artificial Intelligence and Applications, 346 (2021), 161-170 [D. Hickey, R. Brennan]


Recent publications – Research Institutes and Centres


'Validating and testing an agent-based model for the spread of covid-19 in Ireland', *Algorithms*, 15, 8 (2022), http://dx.doi.org/10.3390/a15080270 [E. Hunter, J.D. Kelleher]


'Interpretable input-output hidden Markov model-based deep reinforcement learning for the predictive maintenance of turbofan engines', *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 13428 LNCS (2022), 133-148 [A.N. Abbas, G.C. Chasparis, J.D. Kelleher]


'Age specific models to capture the change in risk factor contribution by age to short term primary ischemic stroke risk', *Frontiers in Neurology*, 13, 803749 (2022), http://dx.doi.org/10.3389/fneur.2022.803749 [E. Hunter, J.D. Kelleher]


Recent publications – Research Institutes and Centres


**Charm-EU**


Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN)


Recent publications – Research Institutes and Centres


'Wang, Jing', 'Extraction, characterisation and remediation of microplastics from organic solid matrices', *Environmental Geotechnics* (2022), 34 [V.S.N.S. Goli, E.K. Paleologos, A. Farid, A.M.O. Mohamed, A. Mohammad, D.N. Singh]

**CONNECT**


'No-need-to-deploy UHF antenna for CubeSat: design based on characteristic modes', *IEEE Antennas and Wireless Propagation Letters*, 20, 4 (2021), 508-512 [A. Narbudowicz, R. Borowiec, S. Chalermwisutkul]

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Recent publications – Research Institutes and Centres

Trinity College Institute of Neuroscience (TCIN)


'Motivation improves working memory by two processes: prioritisation and retrieval thresholds', *Cognitive Psychology*, 135 (2022), 101472 [J.P. Grogan, G. Randhawa, M. Kim, S.G. Manohar]


Setti, Annalisa, 'Effects of positive psychology interventions in Arab countries: a protocol for a systematic review', *BMJ Open*, 11, 7 (2021), http://dx.doi.org/10.1136/bmjopen-2021-052477 [A. Basurrah, L. Lambert, A. Setti (…), T. Shrestha, Z. Di Blasi]

'Regulatory focus and perceptions of ageing: exploring the connections', *Aging and Mental Health* (2021), http://dx.doi.org/10.1080/13607863.2021.1952550 [F. Fawsitt, S. Dockray, A. Setti]


Recent publications – Research Institutes and Centres


Trinity Long Room Hub


Trinity Translational Medicine Institute (TTMI)


Library

Boran, Elizabethann, 'The building of Dr Steevens Hospital, Dublin, 1710-33', Eighteenth-century Ireland/Iris an dá chultúr, 37, 1 (2022), https://doi.org/10.3828/eci.20 [E. Boran]


'Protocol: global elder abuse: a mega-map of systematic reviews on prevalence, consequences, risk and protective factors and interventions', Campbell Systematic Reviews, 18, 2 (2022) [C. Mikton, M. Beaulieu, Y. (...), L. Eustace-Cook et al.]

'Use of mHealth apps by nurses in the management of chronic wounds: a scoping review protocol', JBI Evidence Synthesis, 19, 10 (2021), 2783-2789 [G. Vaughan, G. Prizeman, J. Eustace-Cook, G. Byrne]

'Instruments to measure postintensive care syndrome: a scoping review protocol', BMJ Open, 12, 10 (2022), e061048 [C. Yuan, F. Timmins, D. Thompson, J. Eustace-Cook]


Recent publications – Research Institutes and Centres


Mockler, David, 'Hospital-associated deconditioning: not only physical, but also cognitive', *International Journal of Geriatric Psychiatry* (2022), http://hdl.handle.net/2262/98085 [Y. Chen, A. Almirall-Sanchez, D. Mockler, E. Adriaon, C. Dominguez-Vivero, R. Romero-Ortuno]


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Recent publications – Research Institutes and Centres

Schmidt-Supprian, Christoph, 'The ethics of classifying the world: from library catalogues to AI', 23rd European Conference on Knowledge Management, ed P. Centobelli, Naples, Italy, Academic Conferences International Limited (2022), 1462-1465 [C. Thornley, M. Bustillo, C. Schmidt-Supprian]


'Living with or beyond lymphoma: a rapid review of the unmet needs of lymphoma survivors', Psycho-Oncology (2022), http://dx.doi.org/10.1002/pon.5973 [V. Boland, A. Drury, G. Sheaf, A.M. Brady]


'Defining and researching the concept of resilience in LGBT+ later life: findings from a mixed study systematic review', PLoS ONE, 17, 11 (2022) [A. Jurcek, B. Keogh, G. Sheaf, T. Hafford-Letchfield, A. Higgins]

'Parental experiences with changes in maternity care during the covid-19 pandemic: a mixed-studies systematic review', Women and Birth (2022), 5 [J.G. Lalor, G. Sheaf, A. Mulligan (…)] E.D. Ng, S. Shorey]

Administrative, executive and other officers