

Papworth Publications - April 2022

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Anaesthesia and Critical Care

Misra, U., E. Gilvarry, et al. (2022). "Substance use disorder in the anaesthetist: Guidelines from the Association of Anaesthetists: Guidelines from the Association of Anaesthetists." *Anaesthesia* **77**(6): 691-699.

<https://www.ncbi.nlm.nih.gov/pubmed/35445390>

Shoemark, A., M. Shteinberg, et al. (2022). "Characterization of Eosinophilic Bronchiectasis: A European Multicohort Study." *Am J Respir Crit Care Med* **205**(8): 894-902. <https://www.ncbi.nlm.nih.gov/pubmed/35050830>



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Cardiology

- Araki, M., S. J. Park, et al. (2022). "Optical coherence tomography in coronary atherosclerosis assessment and intervention." Nat Rev Cardiol. <https://www.ncbi.nlm.nih.gov/pubmed/35449407>
- Dobson, R. and S. C. Clarke (2022). "Women in cardiology: narrowing the gender gap." Heart **108**(10): 757-759. <https://www.ncbi.nlm.nih.gov/pubmed/35459724>
- Hoole, S. P., J. Loveridge, et al. (2022). "Virtual histology intravascular ultrasound can be used to investigate the link between periarterial tissue and plaque composition - a single frame and whole plaque feasibility analysis." Journal of the American College of Cardiology **79**(9 Supplement): 841. [https://doi.org/10.1016/S0735-1097\(22\)01832-0](https://doi.org/10.1016/S0735-1097(22)01832-0)
- Hoole, S. P., M. Aetesam-ur-Rahman, et al. (2022). "Coronary stent balloon inflation technique during percutaneous coronary intervention is important in limiting microvascular dysfunction: the EMPIRE randomised controlled trial." Journal of the American College of Cardiology **79**(9 Supplement): 616. [https://doi.org/10.1016/S0735-1097\(22\)01607-2](https://doi.org/10.1016/S0735-1097(22)01607-2)
- Hoole, S. P., M. Aetesam-ur-Rahman, et al. (2022). "Ticagrelor does not mediate its early beneficial effects in ST-elevation myocardial infarction by improving coronary microvascular dysfunction - the times double-blind randomised controlled trial." Journal of the American College of Cardiology **79**(9 Supplement): 614. [https://doi.org/10.1016/S0735-1097\(22\)01605-9](https://doi.org/10.1016/S0735-1097(22)01605-9)
- Ladeiras-Lopes, R., R. Vidal-Perez, et al. (2022). "Twitter promotion is associated with higher citation rates of cardiovascular articles: the ESC Journals Randomized Study." Eur Heart J. <https://www.ncbi.nlm.nih.gov/pubmed/35388421>
- Onorato, E. M., F. Alamanni, et al. (2022). "Safety, Efficacy and Long-Term Outcomes of Patients Treated with the Occlutech Paravalvular Leak Device for Significant Paravalvular Regurgitation." Journal of Clinical Medicine **11**(7): 1978. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8999580/>

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Cardiology continued

Ray, S. and S. C. Clarke (2022). "Getting It Right First Time (GIRFT): transforming cardiology care." Heart.

<https://www.ncbi.nlm.nih.gov/pubmed/35450853>

Weir-Mccall, J., M. C. Williams, et al. (2022). "NATIONAL TRENDS IN NON-INVASIVE CORONARY ARTERY DISEASE IMAGING:ASSOCIATIONS WITH HEALTH CARE OUTCOMES." Journal of the American College of Cardiology **79**(9 Supplement):

1179. [https://doi.org/10.1016/S0735-1097\(22\)02170-2](https://doi.org/10.1016/S0735-1097(22)02170-2)

Yamaguchi, J., M. Takigawa, et al. (2022). "Impact of tip design and thermocouple location on the efficacy and safety of radiofrequency application." J Interv Card Electrophysiol.

<https://www.ncbi.nlm.nih.gov/pubmed/35451737>

Cell Biology

Chambers, J. E., N. Zubkov, et al. (2022). "Z-alpha1-antitrypsin polymers impose molecular filtration in the endoplasmic reticulum after undergoing phase transition to a solid state." Sci Adv **8**(14): eabm2094.

<https://www.ncbi.nlm.nih.gov/pubmed/35394846>

COVID-19

Iles, J., R. Zmuidinaite, et al. (2022). "SARS-CoV-2 Spike Protein Binding of Glycated Serum Albumin-Its Potential Role in the Pathogenesis of the COVID-19 Clinical Syndromes and Bias towards Individuals with Pre-Diabetes/Type 2 Diabetes and Metabolic Diseases." Int J Mol Sci **23**(8).

<https://www.ncbi.nlm.nih.gov/pubmed/35456942>

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Physiology

Amemiya, M., M. Takigawa, et al. (2022). "Comparison of two catheters measuring local impedance: local impedance variation vs lesion characteristics and steam pops." J Interv Card Electrophysiol. <https://www.ncbi.nlm.nih.gov/pubmed/35438394>

Narayan, S. M., H. Calkins, et al. (2022). "What Cannot Be Missed: Important Publications on Electrophysiology in 2021." Arrhythm Electrophysiol Rev **11**: e01. <https://www.ncbi.nlm.nih.gov/pubmed/35444809>

Radiology

Grenier, P. A., E. A. Hoffman, et al. (2022). "BJR functional imaging of the lung special feature: introductory editorial." Br J Radiol **95**(1132): 20229004. <https://www.ncbi.nlm.nih.gov/pubmed/35312377>

Kolossvary, M., A. B. Reid, et al. (2022). "The Journal of cardiovascular computed tomography: A year in review 2021." J Cardiovasc Comput Tomogr. <https://www.ncbi.nlm.nih.gov/pubmed/35370125>

Watson, W. and M. Garbi (2022). "Cardiac magnetic resonance imaging in heart failure: The added value of tissue characterization." Kardiol Pol **80**(3): 249-250. <https://www.ncbi.nlm.nih.gov/pubmed/35178699>

Respiratory Medicine

Arif, S. M., R. A. Floto, et al. (2022). "Using Structure-guided Fragment-Based Drug Discovery to Target *Pseudomonas aeruginosa* Infections in Cystic Fibrosis." Front Mol Biosci **9**: 857000. <https://www.ncbi.nlm.nih.gov/pubmed/35433835>

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Respiratory Medicine

Respiratory Medicine continued

O'Neill, K., G. R. Lakshmiopathy, et al. (2022). "Multiple Breath Washout Outcome Measures in Adults with Bronchiectasis." *Ann Am Thorac Soc*. <https://www.ncbi.nlm.nih.gov/pubmed/35451922>

Prapa, M., M. Lago-Docampo, et al. (2022). "First genotype-phenotype study in TBX4 syndrome: gain-of-function mutations causative for lung disease." *medRxiv*. <https://dx.doi.org/10.1101/2022.02.06.22270467>

Upton, P. D., B. J. Dunmore, et al. (2022). "An emerging class of new therapeutics targeting TGF, Activin, and BMP ligands in pulmonary arterial hypertension." *Dev Dyn*. <https://www.ncbi.nlm.nih.gov/pubmed/35434863>

Sleep Medicine

Lo, C., S. Arora, et al. (2022). "A composite clinical motor score as a comprehensive and sensitive outcome measure for Parkinson's disease." *J Neurol Neurosurg Psychiatry*. <https://www.ncbi.nlm.nih.gov/pubmed/35387867>

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Surgery

- Aresu, G., J. Dunning, et al. (2022). "Preclinical evaluation of Versius, an innovative device for use in robot-assisted thoracic surgery." Eur J Cardiothorac Surg. <https://www.ncbi.nlm.nih.gov/pubmed/35413097>
- Jenkins, D. P. (2022). "Pulmonary thromboendarterectomy in chronic pulmonary disease-the Royal Papworth Hospital experience." Ann Cardiothorac Surg **11**(2): 175-176. <https://www.ncbi.nlm.nih.gov/pubmed/35433358>
- Jenkins, D. P., S. S. Tsui, et al. (2022). "Pulmonary thromboendarterectomy-the Royal Papworth experience." Ann Cardiothorac Surg **11**(2): 128-132. <https://www.ncbi.nlm.nih.gov/pubmed/35433361>
- Lim, J. C. E., M. J. Elliott, et al. (2022). "Cardiac surgery and congenital heart disease: reflections on a modern revolution." Heart **108**(10): 787-793. <https://www.ncbi.nlm.nih.gov/pubmed/35459729>

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