

Authors	Title	Source title	Vol, Page no.	DOI	Group
Abbas Yousefi-Koma, Farah Naghashzadeh, Gemma A Figtree, Sanjay Patel, Keyvan Karimi Galougahi	Multi-modality imaging of inflammation and ischemia for assessment of myocardial injury in Covid-19	Journal of Nuclear Cardiology		10.1007/s12350-020-02233	Coronary Diseases
Ali ZA, Karimi Galougahi K, Maehara A, Shlofmitz RA, Fabbicchi F, Guagliumi G, Alfonso F, Akasaka T, Matsumura M, Mintz GS, Ben-Yehuda O, Stone GW	Outcomes of Optical Coherence Tomography Compared With Intravascular Ultrasound and With Angiography to Guide	EuroIntervention	EIJ-D-20-00498	10.4244/EIJ-D-20-00498	Coronary Diseases
Ali ZA, Landmesser U, Karimi Galougahi K, Maehara A, Mitsuaki Matsumura, Richard A. Shlofmitz, Giulio Guagliumi, Matthew J. Price, Jonathan M. Hill, Takashi Akasaka, Francesco Prati, Hiram G. Bezerra, William Wijns, Gary S. Mintz, Ori Ben-Yehuda, Gregg W. Stone	Optical Coherence Tomography Guided Coronary Stent Implantation Compared to Angiography: A Multicenter Randomized Trial in PCI – Design and Rationale of ILLUMIEN IV: OPTIMAL PCI	EuroIntervention	EIJ-D-20-00501	10.4244/EIJ-D-20-00501	Coronary Diseases
Anderson J, Lavender M, Lau E, Celermajer DS, Collins N, Dwyer N, Feenstra J, Horrigan M, Keating D, Keogh A, Kotlyar E, Ng B, Proudman S, Steele P, Thakkar V, Weintraub R, Whitford H, Williams T, Wrobel J, Strange	Pharmacological Treatment of Pulmonary Arterial Hypertension in Australia: Current Trends and Challenges	Heart, Lung and Circulation		10.1016/j.hlc.2020.01.017	Clinical Research
Ashish Misra, Edward Fisher	Translational Research in Culture: AADAC, Diabetes, and Cardiovascular Disease	Cell Stem Cell	2020 Jul 2;27(1):6-7	10.1016/j.stem.2020.06.012	Atherosclerosis and Vascular Remodelling
Benjamin M Moore, Jacob Cao, Rachael L Cordina, Mark A McGuire, David S Celermajer	Defibrillators in Adult Congenital Heart Disease: Long-term Risk of Appropriate Shocks, Inappropriate Shocks, and Complications	Pacing and Clinical Electrophysiology		10.1111/pace.13974	Clinical Research
Bernard Yan, Hans Tu; Christina Lam; Corey Swift; Ma Sze Ho; Vincent C.T Mok; Yi Sui; David Sharpe; Darshan Ghia; Jim Janne; Stephen Davis; Xinfeng Liu; Ben Freedman	Nurse led smartphone electrographic monitoring for atrial fibrillation after ischemic stroke: SPOT-AF	Journal of Stroke		10.5853/jos.2020.00689	Heart Rhythm and Stroke Prevention
Bernier M, Mitchell SJ, Wahl D, Diaz A, Singh A, Seo W, Wang M, Ali A, Kaiser T, Price NL, Aon MA, Kim E-Y, Petr MA, Cai H, Warren A, Di Germanio C, Di Francesco A, Fishbein K, Gutierrez V, Harney D, Koay YC, Mach J, Enamorado IN, Pulpitel T, Wang Y, Zhang J, Zhang L, Spencer RG, Becker KG, Egan JM, Lakatta EG, O'Sullivan J, Larance M, LeCouteur DG, Cogger VC, Gao B, Fernandez-Hernando C, Cuervo AM, de Cabo R.	Disulfiram Treatment Normalizes Body Weight in Obese Mice	Cell Metabolism		10.1016/j.cmet.2020.04.019	Cardiometabolic Disease
Budhima Nanayakkara, Edmund Lau, Brendon Yee, Gislaine Gauthier, Kerri Melehan, David Celermajer, Rachael Cordina	Sleep Disordered Breathing in Adults Living With a Fontan Circulation and CPAP Titration Protocol	International Journal of Cardiology		10.1016/j.ijcard.2020.05.060	Clinical Research
Cao JY, Wales KM, Zhao DF, Seco M, Celermajer DS, Bannon PG	Repair of Less Than Severe Tricuspid Regurgitation During Left-Sided Valve Surgery: A Meta-Analysis	The Annals of Thoracic Surgery		10.1016/j.athoracsur.2019.08.101	Clinical Research
Celermajer DS, Offen S.	Is vWF really a very wonderful factor for risk stratification in adults with congenital heart disease?	Heart		10.1136/heartjnl-2020-316599	Clinical Research
Chau K, Bobek G, Xu B, Stait-Gardner T, Price W, Hennessy A, Makris A.,	Effect of placental growth factor in models of experimental pre-eclampsia and trophoblast invasion	Clinical and Experimental Pharmacology and Physiology		10.1111/1440-1681.13169	Vascular Immunology
Chau K, Xu B, Hennessy A, Makris A.	Effect of placental growth factor on trophoblast-endothelial cell interactions in vitro	Reproductive Sciences		10.1007/s43032-019-00103-7	Vascular Immunology
Clare Arnott, Michael Nelson, Maria Alfaro Ramirez, Jon Hyett, Marianne Gale, Amanda Henry, David Celermajer, Lee Taylor, Mark Woodward	Maternal Cardiovascular Risk After Hypertensive Disorder of Pregnancy	Heart		10.1136/heartjnl-2020-316541	Clinical Research
David Playford, Simon Stewart, David Celermajer, David Prior, Gregory M Scalia, Thomas Marwick, Marcus Ilton, Jim Codde, Geoff Strange, NEDA Contributing Sites	Poor Survival With Impaired Valvular Hemodynamics After Aortic Valve Replacement: The National Echo Database Australia Study	Journal of the American Society of Echocardiography		10.1016/j.echo.2020.04.024	Clinical Research
Derek Tran, Phillip Munoz, Edmund M T Lau, Jennifer A Alison, Martin Brown, Yizhong Zheng, Patricia Corkery, Keith Wong, Steven Lindstrom, David S Celermajer, Glen M Davis, Rachael Cordina	Inspiratory Muscle Training Improves Inspiratory Muscle Strength and Functional Exercise Capacity in Pulmonary Arterial Hypertension and Chronic Thromboembolic Pulmonary Hypertension: A Pilot Randomised Controlled Study	Heart, Lung and Circulation		10.1016/j.hlc.2020.06.006	Clinical Research
Dunn LL, Kong SMY, Tumanov S, Chen W, Cantley J, Ayer A, Maghazal GJ, Midwinter RG, Chan KH, Ng MKC, Stocker R.	Hmox1 (Heme Oxygenase-1) Protects Against Ischemia-Mediated Injury via Stabilization of HIF-1 $\alpha$ (Hypoxia-Inducible Factor-1 $\alpha$ ).	Arteriosclerosis, Thrombosis and Vascular Biology	41, 317-330	10.1161/ATVBAHA.120.315393	Arterial Inflammation and Redox Biology
Emella J. Benjamin, Alan S. Go, Patrice Desvigne-Nickens, Christopher D. Anderson, Michael J. Barry, Barbara Casadei, Lin Y. Chen, Harry J.G.M. Crijns, Ben Freedman, Isabelle C. Van Gelder, Jeff S. Healey, MD, Hooman Kamel, Dong-Yun Kim, C. Seth Landefeld, Mark S. Link, Renato D. Lopes, Steven A. Lubitz, David D. McManus, Peter A. Noseworthy, Marco V. Perez, Jonathan P. Piccini, Renate B. Schnabel, Daniel E. Singer, Robert Tieleman, Mellanie True Hills, Mintu P. Turakhia, Lawton S. Cooper, Sana M. Al-Khatib	Research Priorities in Atrial Fibrillation Screening: A Report from a National Heart, Lung, and Blood Institute Virtual Workshop	Circulation		10.1161/CIRCULATIONAHA.120.04763	Heart Rhythm and Stroke Prevention
Fry NAS, Liu CC, Garcia A, Hamilton EJ, Karimi Galougahi K, Kim YJ, Whalley DW, Bundgaard H, Rasmussen HH.	Targeting cardiac myocyte Na <sup>+</sup> -K <sup>+</sup> pump function with $\beta$ 3 adrenergic agonist in rabbit model of severe congestive heart failure	Circulation: Heart Failure		10.1161/CIRCHEARTFAILURE.119.006	Coronary Diseases
Gallagher C, Orchard JJ, Sanders P, et al.	Nurse led Atrial Fibrillation Management – the NEAT study: A randomised controlled trial	European Journal of Clinical Nutrition		10.1097/JCN.0000000000000680	Heart Rhythm and Stroke Prevention
Giskes K, Hesse C, Freedman B	Screening for atrial fibrillation: the central role of the GP	Medicine Today	2020; 21 (6): 14-20	<a href="#">Link to original article</a>	Heart Rhythm and Stroke Prevention
Gondoputro W, Rajendran S, Celermajer D, Qasabian R	An unusual case of upper limb ischemia in a marathon runner	Journal of Vascular Surgery Cases and Innovative Techniques		10.1016/j.jvscit.2020.01.017	Clinical Research
Gore AK, Shlofmitz, E, Karimi Galougahi K, Petrossian G, Jeremias A, Sosa FA, Rahim HM, Stone GW, Mintz GS, Maehara A, Shlofmitz RA, Ali ZA	Prospective Comparison Between Saline and Radiocontrast for Intracoronary Imaging with Optical Coherence Tomography	JACC Cardiovascular Imaging	Volume 13	10.1016/j.jcmg.2020.04.018	Coronary Diseases
Hansen T, Karimi Galougahi K, Besnier M, Genetzakis E, Tsang M, Finemore M, O'Brien-Brown J, Di Bartolo B, Kassiou M, Bubbs K, Figtree GA	The Novel P2X7 Receptor PKT100 Improves Right Ventricular Function and Survival in Pulmonary Hypertension	American Journal of Physiology - Heart and Circulatory Physiology		10.1152/ajpheart.00580.2019	Coronary Diseases
Jennifer Barraclough, Mugdha Joglekar, Andrzej Januszewski, Gonzalo Martinez, David Celermajer, Anthony Keech, Anandwardhan Hardikar, Sanjay Patel	A MicroRNA Signature in Acute Coronary Syndrome Patients and Modulation by Colchicine	Journal of Cardiovascular Pharmacology and Therapeutics		10.1177/1074248420922793	Clinical Research
Joseph JY Sung, Cameron Stewart, Ben Freedman	Artificial Intelligence in Healthcare: preparing for the 5th industrial revolution	Medical Journal of Australia		10.5694/mja2.50755	Heart Rhythm and Stroke Prevention
Jun Ki Hong, Lingzi Gao, Jasneil Singh, Tiffany Goh, Alexander M. Ruhoff, Chiara Neto and Anna Waterhouse	Evaluating Medical Device and Material Thrombosis Under Flow: Current and Emerging Technologies	Biomaterials Science		10.1039/D0BM01284J	Cardiovascular Medical Devices
Kam Cheong Wong, Harry Klimis, Nicole Lowres ... Clara K Chow	Diagnostic accuracy of handheld electrocardiogram devices to detect atrial fibrillation in adults in community versus hospital settings: A systematic review and meta-analysis	Heart	2020 Aug;106(16):1211-1217.	10.1136/heartjnl-2020-316611	Heart Rhythm and Stroke Prevention
Karimi Galougahi K, Patel S, Adams M	Invasive or conservative strategy for stable coronary disease	New England Journal of Medicine	383(10):e66	10.1056/NEJMc2024008	Coronary Diseases
Karimi Galougahi K, Patel S, Shlofmitz RA, Kerieakes D, Hill JM, Stone GW, Ali ZA.	Calcific Plaque Modification by Acoustic Shockwaves - Intravascular Lithotripsy in Coronary Interventions.	Circulation Cardiovascular Interventions		10.1161/CIRCINTERVENTIONS.120.00	Coronary Diseases
Karimi Galougahi K, Petrossian G, Stone GW, Ali ZA.	The Year in Review – Advances in Interventional Cardiology in 2019	Current Opinions in Cardiology	2020;35,325-331	10.1097/HCO.0000000000000752	Coronary Diseases
Leung, K. L., Fong W, Freedman B, Bajorek B, Lee V.	Association between beta-blocker use and obesity in Hong Kong Chinese elders: a post-hoc analysis	Hong Kong Medical Journal 2020		10.12809/hkmj198077	Heart Rhythm and Stroke Prevention
Liu B, Chen C, Di X, Liao J, Wen S, Su QP, Shan X, Xu ZQ, Ju LA, Mi C, Wang F and Jin D	Upconversion nonlinear structured illumination microscopy	Nano Letters		10.1021/acs.nanolett.0c00448	Thrombosis
Lowres N, Duckworth A, Redfern J, Thiagalingam A, Chow CK.	Use of a Machine Learning Program to Correctly Triage Incoming Text Messaging Replies From a Cardiovascular Text-Based Secondary Prevention Program: Feasibility Study.	JMIR Mhealth Uhealth	2020;8(6):e19200	10.2196/19200	Heart Rhythm and Stroke Prevention
Lowres N, Hillis GS, Gladman MA, Kol M, Rogers J, Chow V, Touma F, Barnes C, Auston J and Freedman B.	Self-monitoring for recurrence of secondary atrial fibrillation following non-cardiac surgery or acute illness: A pilot study	IJC Heart & Vasculature	2020; 29; 100566	10.1016/j.ijcha.2020.100566	Heart Rhythm and Stroke Prevention
Lucy Geraghty, Gemma Figtree, Aletta E Schutte, Sanjay Patel, Mark Woodward, Clare Arnott.	Cardiovascular Disease in Women: From Pathophysiology to Novel and Emerging Risk Factors	Heart Lung and Circulation		10.1016/j.hlc.2020.05.108	Coronary Diseases
Luke Hatchwell, Dylan J.Harney, Michelle Cielech, Kieren Young, Yen Chin Koay, John F.O'Sullivan, Mark Larance	Multi-omics Analysis of the Intermittent Fasting Response in Mice Identifies an Unexpected Role for HNF4 $\alpha$	Cell Reports	Volume: 30, Issue: 10, Pages: 3566-3582	10.1016/j.celrep.2020.02.051	Cardiometabolic Disease
Macer-Wright, J.L., Sileikaite, I., Rayner, B.S., and Hawkins, C.L.	8-chloroadenosine alters the metabolic profile and downregulates antioxidant and DNA damage repair pathways in macrophages	Chemical Research in Toxicology		10.1021/acs.chemrestox.9b00334	Inflammation and Fibrosis
Manisha S. Patil, Sian P. Cartland, Mary M. Kavurma	TRAIL signals, extracellular matrix and vessel remodelling	Vascular Biology		10.1530/VB-20-0005	Vascular Complications
Marjadi, B., Mapedzahama, V., Rogers, G., Donnelly, M., Harris, A., Donadel, D., Jaks	Medicine in context : ten years' experience in diversity education for medical students in Greater Western Sydney, Australia	GMS Journal for Medical Education		10.3205/zma001314	Vascular Immunology
Marshall KH, D'Udekem Y, Sholler GF, Opatowsky AR, Costa DSJ, Sharpe L, Celermajer DS, Winlaw DS, Newburger JW, Kasparian NA	Health-Related Quality of Life in Children, Adolescents, and Adults With a Fontan Circulation: A Meta-Analysis	Journal of the American Heart Association		10.1161/JAHA.119.014172	Clinical Research
Martinez C, Wallenhorst C, Rietbrock S, Freedman B.	Ischemic Stroke and Transient Ischemic Attack Risk Following Vitamin K Antagonist Cessation in Newly Diagnosed Atrial Fibrillation: A Cohort Study	Journal of the American Heart Association		10.1161/JAHA.119.014376	Heart Rhythm and Stroke Prevention
Matthias D. Zink, Karl G. Mischke, Andras P. Keszei, Christian Rummey, Ben Freedman, Gabriele Neumann, Alina Tolksdorf, Friederike Frank, Jan Wienströber, Nicole Kuth, Jörg B. Schulz, Nikolaus Marx	Screen-detected atrial fibrillation predicts mortality in elderly subjects	Europace		10.1093/europace/eaab190	Heart Rhythm and Stroke Prevention
Mc Namara, K. P., Krass, I.Peterson, G. M.,Alzubaidi, H., Grenfell, R., Freedman, B., Dunbar, J. A.	Implementing screening interventions in community pharmacy to promote interprofessional coordination of primary care - A mixed methods evaluation	Research in Social and Administrative Pharmacy 2020		10.1016/j.sapharm.2019.04.011	Heart Rhythm and Stroke Prevention
Mengbo Li*, Benjamin L. Parker*, Evangeline Pearson, Benjamin Hunter, Jacob Cao, Yen Chin Koay, Oneka Guneratne, David E. James, Jean Yang, Sean Lal*, John F. O'Sullivan*	Core Functional Nodes and Sex-Specific Pathways in Human Ischemic and Dilated Cardiomyopathy	Nature Communications		10.1038/s41467-020-16584-z	Cardiometabolic Disease
Nicole Lowres, Ben Freedman	Time to develop guidelines for atrial fibrillation screening of Indigenous Australians	Medical Journal of Australia	2020; 212 (5): 212-213	10.5694/mja2.50513	Heart Rhythm and Stroke Prevention
Nicole Lowres, Katrina Giskes, Ben Freedman	The next frontier for stroke prevention in atrial fibrillation: ensuring anticoagulant persistence [Editorial]	Heart		10.1136/heartjnl-2020-318392	Heart Rhythm and Stroke Prevention

Nijasri C. Suwanwela, Aurauma Chutinet, Hathairat Autjimanon, Tanawat Ounahachok, Chumpol Decha-umphai, Songkhram Chockchai, Saowanin Indrabhakti, Narhuchorn Kijpaisalratana, Wasan Akarathanawat, Suporn Travanchakul, Teeraparp Kitjavijitre, Pakkawan Vongvasinkul, Ittaporn Kanacharoen, Tanyaluk O. Bunlikitkul, Supparat Charnwut, Nicole Lowres, Ben Freedman	Atrial fibrillation prevalence and risk profile from a novel community-based screening strategy in Thailand: a prospective multi-centre study	IJC Heart & Vasculature		10.1016/j.ijcha.2020.100709	Heart Rhythm and Stroke Prevention
Orchard J, Freedman B, Lowres N, Neubeck L	AF-SMART eHealth system for atrial fibrillation screening: how can it fit into clinical practice	2020 Expert Review of Medical Devices:1-4		10.1080/17434440.2020.1754794	Heart Rhythm and Stroke Prevention
Orchard JJ, Orchard JW, La Gerche A, Semsarian C	Cardiac screening of athletes: guidance for clinicians on indications for follow-up echocardiography testing	2020 British Journal of Sports Medicine		10.1136/bjsports-2019-101916	Heart Rhythm and Stroke Prevention
Orchard JW, Jomaa M, Orchard JJ, Rae K, Hoffman D, Reddin T, Driscoll T	Fifteen-week window for recurrent muscle strains in football: a prospective cohort of 3600 muscle strains over 23 years in professional Australian rules football	British Journal of Sports Medicine		10.1136/bjsports-2019-100755	Heart Rhythm and Stroke Prevention
Orchard, J; Li, J; Freedman, B; Webster, R; Salkeld, G; Hespce, C; Gallagher, R; Patel, A; Kamel, B; Neubeck, L; Lowres, N.	Atrial Fibrillation Screen, Management And Guideline Recommended Therapy (AF SMART II) in the rural primary care setting: cost-effective eHealth tools to support all stages of screening	Journal of the American Heart Association	9:e017080	10.1161/JAHA.120.017080	Heart Rhythm and Stroke Prevention
Peppou-Chapman S, Hong JK, Waterhouse A, Neto C	Life and death of liquid-infused surfaces: a review on the choice, analysis and fate of the infused liquid layer	Chem Soc Reviews		10.1039/d0cs00036a	Cardiovascular Medical Devices
Rajan Rehan, Irina Kotchetkova, Rachael Cordina, David Celermajer	Adult Congenital Heart Disease Survivors at Age 50 Years: Medical and Psychosocial Status.	Heart, Lung and Circulation		10.1016/j.hlc.2020.05.114	Clinical Research
Ravindran D, Galougahi KK, Tan JTM, Kavurma MM, Bursill CA	The Multiple Roles of Chemokines in the Mechanisms of Stent Biocompatibility	Cardiovascular Research		10.1093/cvr/cvaa072	Vascular Complications
René Hameau, Alberto Fuensalida, Jorge Quiralta, Pablo Sepúlveda, Alejandro Martínez, Ramon Corbalán, Sanjay Patel, Gonzalo Martínez	Antiplatelet Therapy and Percutaneous Coronary Interventions	Current Cardiology Reviews		10.2174/1573403X166662006151444	Coronary Diseases
Ritchie R, Karimi Galougahi K, Figtree GA	Targeting Longevity Genes in the Battle Against Diabetic Heart Disease – Is There a Gene Delivery Fountain of Youth	European Journal of Heart Failure		10.1002/ejhf.1942	Coronary Diseases
Semsarian C, Orchard JJ, Gray B, Orchard JW	When Do Athletes Benefit from Cardiac Genetic Testing?	2020 British Journal of Sports Medicine		10.1136/bjsports-2020-101985	Heart Rhythm and Stroke Prevention
Shanmugalingam R, Wang X, Motum P, Fulcher I, Lee G, Kumar R, Hennessy A, Mak	Clinical influence of non-adherence with prophylactic aspirin in preventing preeclampsia in high-risk pregnancies: A multi-centre prospective, observational, cohort study	Hypertension		10.1161/HYPERTENSIONAHA.119.1411	Vascular Immunology
Shanmugalingam R; Mengesha Z; Notaras S; Liamputtong Pranee; Fulcher I; Lee G; Kumar R; Hennessy A; Makris A.	Factors that influence adherence to aspirin therapy in the prevention of preeclampsia amongst high-risk pregnant women: A mixed method analysis	PLoS ONE		10.1371/journal.pone.0229622	Vascular Immunology
Siân P Cartland, Nicole Tamer, Manisha S Patil, Belinda A Di Bartolo, Mary M Kavurma	A "Western Diet" promotes symptoms of hepatic steatosis in spontaneously hypertensive rats	International Journal of Experimental Pathology		10.1111/lep.12369	Vascular Complications
Siân P Cartland, Ruby C Y Lin, Scott Genner, Manisha S Patil, Gonzalo J Martínez, Jennifer Y Barraclough, Brian Gloss, Ashish Misra, Sanjay Patel, Mary M Kavurma	Vascular transcriptome landscape of Trail -/- mice: Implications and therapeutic strategies for diabetic vascular disease	FASEB Journal		10.1096/fj.201902785R	Vascular Complications
Simon Stewart, David Playford, Gregory M Scalia, Philip Currie, David S Celermajer, David Prior, Jim Codde, Geoff Strange	Ejection Fraction and Mortality: A Nationwide Register Based Cohort Study of 499,153 Women and Men.	European Journal of Heart Failure		10.1002/ejhf.2047	Clinical Research
Stijn Agten, Emma Watson, Jorge Ripoll-Rozada, Luke Dowman, Mike Wu, Imala Alwis, Shaun Jackson, Pedro Pereira, Richard James Payne	Potent trivalent inhibitors of thrombin through hybridization of salivary sulfopeptides from hematophagous arthropods	Angewandte Chemie International Edition		0.1002/anie.202015127	Thrombosis
Tran D, D'Ambrosio P, Verrall CE, Attard C, Briody J, D'Souza M, Fiatarone Singh M, Ayer J, d'Udekem Y, Twigg S, Davis GM, Celermajer DS, Cordina R	Body Composition in Young Adults Living With a Fontan Circulation: The Myopenic Profile	Journal of the American Heart Association		10.1161/JAHA.119.015639	Clinical Research
Tran D, Maiorana A, Ayer J, Lubans DR, Davis GM, Celermajer DS, d'Udekem Y, Cordina R	Recommendations for exercise in adolescents and adults with congenital heart disease	Cardiovascular Diseases		10.1016/j.pcad.2020.03.002	Clinical Research
Vincenzo Livio Malavasi, Cristina Zoccali, Chiara Brandi, Giulia Micali, Marco Vitolo, Jacopo Francesco Imberti, Chiara Mussi, Renate Schnabel, Ben Freedman, Giuseppe Boriani	Cognitive impairment in patients with atrial fibrillation: implications for outcome in a prospective cohort study	International Journal of Cardiology		10.1016/j.ijcard.2020.08.028	Heart Rhythm and Stroke Prevention
Xu B, Makris A, Liu C, Hennessy A	Calcium deficient placental growth restriction is mediated by an increase in non-invasive integrin $\alpha 5$ and $\beta 4$ phenotype	Pregnancy Hypertens.		10.1016/j.preg.2020.01.004	Vascular Immunology
Xu B, Shanmugalingam R, Makris A, Hennessy A.	Galectin-1 related modulation of trophoblast endothelial interactions by integrins $\alpha 1$ and $\beta 1$	Reproductive Sciences		10.1007/s43032-019-00046-z	Vascular Immunology
Xuyu Liu#, Marcus J. C. Long*, Benjamin D. Hopkins\$, and Yimon Aye#	Precision targeting of pten-null triple-negative breast tumors guided by electrophilic metabolite sensing	ACS Central Science		10.1021/acscentsci.9b00893	Cardio-protective Signalling and Drug Discovery
Yen Chin Koay, Kelly Stanton, Vivian Kienzle, Mengbo Li, Jean Yang, David S. Celermajer, John F. O'Sullivan	Effect of chronic exercise in healthy young male adults: a metabolomic analysis	Cardiovascular Research		10.1093/cvr/cvaa051	Cardiometabolic Disease
Yen Chin Koay, Yung-Chih Chen#, Jibrán A. Wali, Alison W. S. Luk, Mengbo Li, Hemavarni Doma, Rosa Reimark, Habteab T. Habtom, Ashley E. Frank, Gabrielle Fusco-Allison, Jean Yang, Andrew Holmes, Stephen J. Simpson, Karlheinz Peter*, John F. O'Sullivan*	Plasma Levels of TMAO can be Increased with 'Healthy' and 'Unhealthy' Diets and Do Not Correlate with the Extent of Atherosclerosis but with Plaque Instability	Cardiovascular Research		10.1093/cvr/cvaa094	Cardiometabolic Disease
Yi Chen, Qi-Fang Huang, Chang-Sheng Sheng, Wei Zhang, Shuai Shao, Dian Wang, Yi-Bang Cheng, Ying Wang, Qian-Hui Guo, Dong-Yan Zhang, Yan Li, Nicole Lowres, Ben Freedman, Ji-Guang Wang	Detection rate and treatment gap in atrial fibrillation in community health centers in China: detected by a large screening study (AF-CATCH)	PLoS One	2020 Jul; 17(7): e1003146	10.1371/journal.pmed.1003146	Heart Rhythm and Stroke Prevention
Yoshiki Nagata, Takashi Yamagami, Don Nutbeam, Ben Freedman, Nicole Lowres	Incremental Yield of Annual ECG Screening in a Japanese Population Without Prior Atrial Fibrillation	BMJ Open	2020;10:e035650	10.1136/bmjopen-2019-035650	Heart Rhythm and Stroke Prevention