

Publicações Científicas NOVA Medical School/

Scientific Output NOVA Medical School

A classificação em áreas temáticas foi realizada de acordo com as categorias das revistas indexadas na Scopus (SJR).

The classification into subject areas was performed according to the categories of the journals indexed in Scopus (SJR).

Julho/ July 2023

BIOMEDICAL ENGINEERING/ BIOMATERIALS

Kommineni N, Chaudhari R, **Conde J**, Tamburaci S, Cecen B, Chandra P, Prasad R. [Engineered Liposomes in Interventional Theranostics of Solid Tumors](#). ACS Biomater Sci Eng. 2023 Jul 14. doi: 10.1021/acsbiomaterials.3c00510. Epub ahead of print.

BIOCHEMISTRY/ CELL BIOLOGY/ ENDOCRINOLOGY

Domingues N, Gaifem J, **Matthiesen R**, **Saraiva DP**, **Bento L**, **Marques ARA**, Soares MIL, Sampaio J, Klose C, Surma MA, Almeida MS, Rodrigues G, Gonçalves PA, Ferreira J, E Melo RG, Pedro LM, Simons K, Pinho E Melo TMVD, **Cabral MG**, **Jacinto A**, Silvestre R, **Vaz W**, **Vieira OV**. [Cholesteryl hemiazelate Identified in Cardiovascular Disease Patients Causes in vitro and in vivo Inflammation](#). J Lipid Res. 2023 Jul 21:100419. doi: 10.1016/j.jlr.2023.100419. Epub ahead of print.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/ IMMUNOLOGY AND MICROBIOLOGY/ MEDICINE (MISCELLANEOUS)/ NEUROSCIENCE (MISCELLANEOUS)

Sampaio P, **Pestana S**, **Bota C**, Guerrero A, Telley IA, Smith D, **Lopes SS**. [Fluid extraction from the left-right organizer uncovers mechanical properties needed for symmetry breaking](#). Elife. 2023 Jul 21;12:e83861. doi: 10.7554/eLife.83861.

Talebian S, Dehghani F, Weiss PS, **Conde J**. [Evolution of CRISPR-enabled biosensors for amplification-free nucleic acid detection](#). Trends Biotechnol. 2023 Jul 27:S0167-7799(23)00213-5. doi: 10.1016/j.tibtech.2023.07.004. Epub ahead of print. PMID: 37516612.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE

Ladeiras-Lopes R, **Jasmins C**, Fonseca V, Feliciano J, **Rodrigues D**. [Experience from an evidence-based journey with digital automation for heart failure outpatient management in a Portuguese hospital](#). Rev Port Cardiol. 2023 Jul 4:S0870-2551(23)00354-2. English, Portuguese. doi: 10.1016/j.repc.2023.03.019. Epub ahead of print.

Menezes MN, da Silva MT, Magalhães A, Melica B, **Toste JC**, Calé R, **Almeida M**, Fiuza M, de Oliveira EI. [Interventional cardiology in cancer patients: A position paper from the Portuguese Cardiovascular Intervention Association and the Portuguese Cardio-Oncology Study Group of the Portuguese Society of Cardiology](#). Rev Port Cardiol. 2023 Jul 21:S0870-2551(23)00382-7. English, Portuguese. doi: 10.1016/j.repc.2023.04.013. Epub ahead of print.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ MEDICINE (MISCELLANEOUS)

Bouwens E, Vanmaele A, Hoeks SE, Verhagen HJ, Fioole B, Moelker A, Ten Raa S, Hussain B, Oliveira-Pinto J, **Bastos Gonçalves F**, Ijpma AS, Hoefer IE, van Lier F, Akkerhuis KM, Majoor-Krakauer DF, Boersma E, Kardys I. [Circulating biomarkers of cardiovascular disease are related to aneurysm volume in abdominal aortic aneurysm](#). Vasc Med. 2023 Jul 3:1358863X231181159. doi: 10.1177/1358863X231181159. Epub ahead of print.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ MEDICINE (MISCELLANEOUS)/ PATHOLOGY AND FORENSIC MEDICINE

Abecasis J, Cortez-Dias N, **Pinto DG**, Lopes P, Madeira M, Ramos S, Gil V, **Cardim N**, **Félix A**. [Quantitative assessment of myocardial fibrosis by digital image analysis: An adjunctive tool for pathologist "ground truth"](#). Cardiovasc Pathol. 2023 Jul-Aug;65:107541. doi: 10.1016/j.carpath.2023.107541.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ MEDICINE (MISCELLANEOUS)/ PEDIATRICS, PERINATOLOGY AND CHILD HEALTH/ SURGERY

Jacobs JP, Krasemann T, Herbst C, Tobota Z, Maruszewski B, **Fragata J**, [...], Hanséus K, Blom NA, Sarris GE. [Combining Congenital Heart Surgical and Interventional Cardiology Outcome Data in a Single Database: The Development of a Patient-Centered Collaboration of the European Congenital Heart Surgeons Association \(ECHSA\) and the Association for European Paediatric and Congenital Cardiology \(AEPC\)](#). World J Pediatr Congenit Heart Surg. 2023 Jul;14(4):464-473. doi: 10.1177/21501351231168829.

**CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ MEDICINE
(MISCELLANEOUS)/ PHYSIOLOGY (MEDICAL)**

Brás PG, Cunha PS, **Timóteo AT**, Portugal G, Galrinho A, **Laranjo S**, Cruz MC, Valente B, Rio P, Delgado AS, Paulo M, Brás M, Ferreira RC, **Oliveira MM**, Branco LM. [Evaluation of left atrial strain imaging and integrated backscatter as predictors of recurrence in patients with paroxysmal, persistent, and long-standing persistent atrial fibrillation undergoing catheter ablation.](#) J Interv Card Electrophysiol. 2023 Jul 7. doi: 10.1007/s10840-023-01602-z. Epub ahead of print.

**CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ MEDICINE
(MISCELLANEOUS)/ RADIOLOGY, NUCLEAR MEDICINE AND IMAGING**

Abecasis J, Lopes P, Santos RR, Maltês S, Guerreiro S, Ferreira A, Freitas P, Ribeiros R, Andrade MJ, Manso RT, Ramos S, Gil V, Masci PG, **Cardim N**. [Prevalence and significance of relative apical sparing in aortic stenosis: insights from an echo and cardiovascular magnetic resonance study of patients referred for surgical aortic valve replacement.](#) Eur Heart J Cardiovasc Imaging. 2023 Jul 24;24(8):1033-1042. doi: 10.1093/ehjci/jead032.

Toste A, Cardim N. [The role of papillary muscle abnormalities in hypertrophic cardiomyopathy: a new paradigm shift?](#) Eur Heart J Cardiovasc Imaging. 2023 Jul 24;24(8):1017-1018. doi: 10.1093/ehjci/jead115.

**CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ PHYSIOLOGY
(MEDICAL)**

Ferreira AFDS, Azevedo MJM, **Morais JP**, Trindade FJS, Saraiva FA, [...] Ramalho CMA, Barros AS, Falcão Sousa Pires Marques IM. [Cardiovascular risk factors during pregnancy impact the postpartum cardiac and vascular reverse remodeling.](#) Am J Physiol Heart Circ Physiol. 2023 Jul 21. doi: 10.1152/ajpheart.00200.2023. Epub ahead of print.

CELL BIOLOGY/ CLINICAL BIOCHEMISTRY

Sousa S, **Pestana D**, Faria G, Delerue-Matos C, **Calhau C**, Fernandes Domingues V. [Adipose tissue fatty acids as biomarkers for metabolic dysfunction in obese females: Implication of menopause and ageing.](#) Prostaglandins Leukot Essent Fatty Acids. 2023 Jul 17;195:102581. doi: 10.1016/j.plefa.2023.102581. Epub ahead of print.

CRITICAL CARE AND INTENSIVE CARE MEDICINE/ NUTRITION AND DIETETICS

Wunderle C, **Gomes F**, Schuetz P, Stumpf F, Austin P, Ballesteros-Pomar MD, Cederholm T, Fletcher J, Laviano A, Norman K, Poulia KA, Schneider SM, Stanga Z, Bischoff SC. [ESPEN guideline on nutritional support for polymorbid medical inpatients](#). Clin Nutr. 2023 Jul 8;42(9):1545-1568. doi: 10.1016/j.clnu.2023.06.023. Epub ahead of print.

ENDOCRINOLOGY, DIABETES AND METABOLISM/INTERNAL MEDICINE

Bertoluci MC, Silva Júnior WS, Valente F, Araujo LR, Lyra R, de Castro JJ, **Raposo JF**, Miranda PAC, Boguszewski CL, Hohl A, Duarte R, Salles JEN, **Silva-Nunes J**, [...] Dos Reis MIN, Melo P, Marcelino M, Carvalho D. [2023 UPDATE: Luso-Brazilian evidence-based guideline for the management of antidiabetic therapy in type 2 diabetes](#). Diabetol Metab Syndr. 2023 Jul 19;15(1):160. doi: 10.1186/s13098-023-01121-x.

ENDOCRINOLOGY, DIABETES AND METABOLISM/ MEDICINE (MISCELLANEOUS)

Mazeda C, Barcelos A. [Gender differences in osteoporosis](#). Osteoporos Int. 2023 Jul 20. doi: 10.1007/s00198-023-06858-9. Epub ahead of print.

ENDOCRINOLOGY, DIABETES AND METABOLISM/ MEDICINE (MISCELLANEOUS)/ NUTRITION AND DIETETICS

Zhu R, Huttunen-Lenz M, Stratton G, Handjieva-Darlenska T, Handjiev S, Sundvall J, **Silvestre MP**, Jalo E, Pietiläinen KH, Adam TC, Drummen M, Simpson EJ, Taylor MA, Poppitt SD, Navas-Carretero S, Martinez JA, Schlicht W, Fogelholm M, Brand-Miller J, Raben A. [Associations of obesity phenotypes with weight change, cardiometabolic benefits, and type 2 diabetes incidence during a lifestyle intervention: results from the PREVIEW study](#). Int J Obes (Lond). 2023 Jul 7. doi: 10.1038/s41366-023-01328-y. Epub ahead of print.

FOOD SCIENCE/ NUTRITION AND DIETETICS

Pinto A, Daly A, **Rocha JC**, Ashmore C, Evans S, Jackson R, Hickson M, MacDonald A. [Preliminary Data on Free Use of Fruits and Vegetables Containing Phenylalanine 76-100 mg/100 g of Food in 16 Children with Phenylketonuria: 6 Months Follow-Up](#). Nutrients. 2023 Jul 6;15(13):3046. doi: 10.3390/nu15133046.

GASTROENTEROLOGY/ HEPATOLOGY/ PHARMACOLOGY (MEDICAL)

Cardoso FS, Kim M, **Pereira R**, Bagulho L, Fidalgo P, Pawlowski A, Wunderink R, **Germano N**, Bagshaw SM, Abrales JG, Karvellas CJ. [Early serum ammonia variation in critically ill patients with cirrhosis: A multicentre cohort study.](#) Aliment Pharmacol Ther. 2023 Jul 20. doi: 10.1111/apt.17650. Epub ahead of print.

GASTROENTEROLOGY/ MEDICINE (MISCELLANEOUS)

Fernandez LM, São Julião GP, Renehan AG, Beets GL, **Papoila AL**, Vailati BB, Kranenbarg EM, Roodvoets AGH, Figueiredo NL, Van De Velde CJH, Habr-Gama A, Perez RO. [Rectal Cancer and Organ-Preservation: Safety First; Then the King.](#) Dis Colon Rectum. 2023 Jul 25. doi: 10.1097/DCR.0000000000003020. Epub ahead of print.

MEDICINE (MISCELLANEOUS)

Gonçalves J, Melro M, Alenquer M, Araújo C, **Castro-Neves J, Amaral-Silva D**, Ferreira F, **Ramalho JS**, Charepe N, Serrano F, Pontinha C, Amorim MJ, **Soares H**. [Balance between maternal antiviral response and placental transfer of protection in gestational SARS-CoV-2 infection.](#) JCI Insight. 2023 Jul 25:e167140. doi: 10.1172/jci.insight.167140. Epub ahead of print.

João C, Bergantim R, Santos J, Afonso C, Bernardo P, [...], Lúcio P, Gerales C; GRUPO PORTUGUÊS DO MIELOMA MÚLTIPLO. [Recomendações do Grupo Português do Mieloma Múltiplo para Tratamento do Mieloma Múltiplo \[Multiple Myeloma Treatment Guidelines by the Portuguese Group of Multiple Myeloma\].](#) Acta Med Port. 2023 Jul 3;36(7-8):517-526. Portuguese. doi: 10.20344/amp.19037. Epub 2023 Jul 3.

Martins F, van der Kellen D, Gonçalves LG, **Serpa J**. [Metabolic Profiles Point Out Metabolic Pathways Pivotal in Two Glioblastoma \(GBM\) Cell Lines, U251 and U-87MG.](#) Biomedicines. 2023 Jul 20;11(7):2041. doi: 10.3390/biomedicines11072041. PMID: 37509679; PMCID: PMC10377067.

Mohammed FEA, **Viva MIF**, Awadalla WAG, Elmahi OKO, Wainstock D, Patil P. [Defending the right to health during Sudan's civil war.](#) Lancet Glob Health. 2023 Jul 21:S2214-109X(23)00300-5. doi: 10.1016/S2214-109X(23)00300-5. Epub ahead of print.

MEDICINE (MISCELLANEOUS)/ NEPHROLOGY/ TRANSPLANTATION

Aguiar, L., **Martins, V. S.**, Pinto, I., **Papoila, A. L.**, Dias, C., Figueiredo, R., ... & Macário, F. # 3846 [MALNUTRITION RISK IN HEMODIALYSIS PATIENTS AND](#)

SCREENING TOOLS PROGNOSIS: GNRI, CREATININE INDEX AND SPEW. Nephrology Dialysis Transplantation. 2023, 38(Supplement_1), gfad063c_3846. doi: 10.1093/ndt/gfad063c_3846

MEDICINE (MISCELLANEOUS)/ NEUROLOGY (CLINICAL)/ SURGERY

Borges de Almeida G, **Pamplona J, Baptista M, Carvalho R**, Conceição C, Lopes da Silva R, Sagarrabay A, Reis J, **Fragata I**. [Endovascular Treatment of Brain Arteriovenous Malformations in Pediatric Patients: A Single Center Experience and Review of the Literature](#). J Neurol Surg A Cent Eur Neurosurg. 2023 Jul 26. doi: 10.1055/s-0043-1770356. Epub ahead of print.

MEDICINE (MISCELLANEOUS)/ OPHTHALMOLOGY

Cabral D, Fisher YL, Freund KB. [Scleral excavation at oblique muscle insertions: imaging characteristics and correlation with scleral plaques and sclerochoroidal calcification](#). Retin Cases Brief Rep. 2023 Jul 1;17(4):335-339. doi: 10.1097/ICB.0000000000001228.

MEDICINE (MISCELLANEOUS)/ PSYCHIATRY AND MENTAL HEALTH

van Allen Z, Bacon SL, Bernard P, Brown H, Desroches S, Kastner M, Lavoie KL, **Marques MM**, McCleary N, Straus S, Taljaard M, Thavorn K, Tomasone JR, Presseau J. [Clustering of Health Behaviors in Canadians: A Multiple Behavior Analysis of Data from the Canadian Longitudinal Study on Aging](#). Ann Behav Med. 2023 Jul 19;57(8):662-675. doi: 10.1093/abm/kaad008.

MULTIDISCIPLINARY

Vasconcelos A, Sousa S, Bandeira N, **Alves M, Papoila AL**, Pereira F, Machado MC. [Adverse birth outcomes and associated factors among newborns delivered in Sao Tome & Principe: A case-control study](#). PLoS One. 2023 Jul 7;18(7):e0276348. doi: 10.1371/journal.pone.0276348.

ONCOLOGY

Khazaei Monfared Y, Mahmoudian M, Zakeri-Milani P, Cecone C, Hayashi T, Ishii KJ, **Conde J**, Matencio A, Trotta F. [Intratatumoural Delivery of mRNA Loaded on a Cationic Hyper-Branched Cyclodextrin-Based Polymer Induced an Anti-Tumour Immunological Response in Melanoma](#). Cancers (Basel). 2023 Jul

24;15(14):3748. doi: 10.3390/cancers15143748. PMID: 37509409; PMCID: PMC10378402.

OPHTHALMOLOGY

Flores R, Fradinho AC, Pereira RS, Mendes JM, Seabra MC, Tenreiro S, Carneiro Â. [Identifying Imaging Predictors of Intermediate Age-Related Macular Degeneration Progression](#). *Transl Vis Sci Technol.* 2023 Jul 3;12(7):22. doi: 10.1167/tvst.12.7.22.

PEDIATRICS, PERINATOLOGY AND CHILD HEALTH

Aires Figueiredo L, Botelho Brito T, Labrusco M, Brigham Figueiredo M, **Lopo Tuna M.** [A Rare but Pathognomonic Sign of Congenital Syphilis](#). *J Pediatr.* 2023 Jul 18;113622. doi: 10.1016/j.jpeds.2023.113622. Epub ahead of print.

PUBLIC HEALTH, ENVIRONMENTAL AND OCCUPATIONAL HEALTH

Costa D, Lopes DG, Cruz EB, Henriques AR, Branco J, Canhão H, Rodrigues AM. [Trajectories of physical function and quality of life in people with osteoarthritis: results from a 10-year population-based cohort](#). *BMC Public Health.* 2023 Jul 21;23(1):1407. doi: 10.1186/s12889-023-16167-9.

PULMONARY AND RESPIRATORY MEDICINE

Diamant Z, Jesenak M, Hanania NA, Heaney LG, Djukanovic R, Ryan D, Quirce S, Backer V, Gaga M, Pavord I, Antolín-Amérigo D, Assaf S, Bakakos P, Bobcakova A, Busse W, Kappen J, Loukides S, van Maaren M, Panzner P, **Pite H**, Spanevello A, Stenberg H, Striz I, Thio B, Vasakova MK, Conti D, Fokkens W, Lau S, Scadding GK, Van Staeyen E, Hellings PW, Bjermer L. [EUFOREA pocket guide on the diagnosis and management of asthma: An educational and practical tool for general practitioners, non-respiratory physicians, paramedics and patients](#). *Respir Med.* 2023 Jul 28;107361. doi: 10.1016/j.rmed.2023.107361. Epub ahead of print. PMID: 37517623.

RADIOLOGY, NUCLEAR MEDICINE AND IMAGING

Maciel C, Ferreira H, **Djokovic D**, Kyaw Tun J, Keckstein J, Rizzo S, Manganaro L. [MRI of endometriosis in correlation with the #Enzian classification: applicability and structured report](#). *Insights Imaging.* 2023 Jul 5;14(1):120. doi: 10.1186/s13244-023-01466-x.

SURGERY

Dias-Neto M, Varcica A, Huang Y, [...] **Ferreira E**, [...] **Garcia R, Ribeiro T, Alves G, Gonçalves FB**, Kappe KO, Mariko van Knippenberg SE, Tran BL, Gormley S, Oderich GS; International Multicenter Aortic Research Group. [Outcomes of Elective and non-elective fenestrated-branched Endovascular Aortic Repair for Treatment of Thoracoabdominal Aortic Aneurysms](#). Ann Surg. 2023 Jul 3. doi: 10.1097/SLA.0000000000005986. Epub ahead of print.

SURGERY/TRANSPLANTATION

Jorge C, Nolasco F. [16th Portuguese Congress of Transplantation and 20th Luso Brazilian Congress of Transplantation](#). Transplant Proc. 2023 Jul 22:S0041-1345(23)00468-2. doi: 10.1016/j.transproceed.2023.07.004. Epub ahead of print.