

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](#)).

Abril/ April 2024

ANATOMY/ PATHOLOGY AND FORENSIC MEDICINE/ SURGERY

Rolim I, Rafael M, Robson A, **Costa Rosa J**. [Pigmented Epidermotropic Breast Carcinoma: A Diagnostic Pitfall Mimicking Melanoma A Case Report and Literature Review](#). Int J Surg Pathol. 2024 Apr;32(2):386-393. doi: 10.1177/10668969231177702. Epub 2023 Jun 8. PMID: 37291852.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY

Al Sium SM, **Torrejón E**, Chowdhury SF, Ahmed R, Jain A, Treccani M, Veschetti L, Riaz A, Eranti P, Olguín-Orellana GJ. [Adapting beyond borders: Insights from the 19th Student Council Symposium \(SCS2023\), the first hybrid ISCB Student Council global event](#). Bioinform Adv. 2024 Apr 3;4(1):vbae028. doi: 10.1093/bioadv/vbae028. PMID: 38606186; PMCID: PMC11007116.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/ AGING/ DEVELOPMENTAL BIOLOGY

Ferreiro E, Monteiro M, Pereira F, Barroso C, Egas C, **Macedo P**, Valero J, Sardão VA, Oliveira PJ. [Age-dependent energy metabolism and transcriptome changes in urine-derived stem cells](#). Mech Ageing Dev. 2024 Apr;218:111912. doi: 10.1016/j.mad.2024.111912. Epub 2024 Jan 22. PMID: 38266781.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY/ BIOTECHNOLOGY/ GENETICS

Andaluz S, Zhao B, Sinha S, Lagniton PNP, **Costa DA**, Ding X, Brito M, Wang SM. [Using Portuguese BRCA pathogenic variation as a model to study the impact of](#)

human admixture on human health. BMC Genomics. 2024 Apr 27;25(1):416. doi: 10.1186/s12864-024-10311-4. PMID: 38671360; PMCID: PMC11055274.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE

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. 2024 Apr;67(3):479-492. doi: 10.1007/s10840-023-01602-z. Epub 2023 Jul 7. PMID: 37414922.

Dores H. [Career options in cardiology: Does gender matter?](#) Rev Port Cardiol. 2024 Apr;43(4):201-202. English, Portuguese. doi: 10.1016/j.repc.2023.10.006. Epub 2023 Oct 31. PMID: 37918784.

Dores H, Mendes M, Abreu A, Durazzo A, Rodrigues C, Vilela E, Cunha G, Gomes Pereira J, Bento L, Moreno L, Dinis P, Amorim S, Clemente S, Santos M. [Cardiopulmonary exercise testing in clinical practice: Principles, applications, and basic interpretation.](#) Rev Port Cardiol. 2024 Apr 5:S0870-2551(24)00078-7. English, Portuguese. doi: 10.1016/j.repc.2024.01.005. Epub ahead of print. PMID: 38583860.

Pereira JC, Santos R, Costa FM, Monge J, **Araújo Gonçalves P**, **Dores H.** [Coronary atherosclerotic burden in veteran athletes: The relationship between cardiovascular risk and volume of exercise.](#) Rev Port Cardiol. 2024 Apr 5:S0870-2551(24)00079-9. English, Portuguese. doi: 10.1016/j.repc.2024.03.001. Epub ahead of print. PMID: 38583858.

Timóteo AT, Ribeiras R, Gavina C, Cabral S, Almeida AG, António N, Calé R, Moura B, Franco F, **Ilhão Moreira R**, Gonçalves L. [Perceptions of cardiology, professional preferences and impact on career choices among Portuguese cardiologists: Results from the Portuguese Society of Cardiology's Women and Cardiology Task Force survey.](#) Rev Port Cardiol. 2024 Apr;43(4):189-199. English, Portuguese. doi: 10.1016/j.repc.2023.07.004. Epub 2023 Oct 20. PMID: 37866503.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ EPIDEMIOLOGY

Temtem M, Mendonça MI, Gomes Serrão M, Santos M, Sá D, Sousa F, Soares C, Rodrigues R, Henriques E, Freitas S, Borges S, Rodrigues M, Guerra G, Drumond Freitas A, Sousa AC, **Palma Dos Reis R.** [Predictive improvement of adding coronary calcium score and a genetic risk score to a traditional risk model for cardiovascular event prediction.](#) Eur J Prev Cardiol. 2024 Apr 18;31(6):709-715. doi: 10.1093/eurjpc/zwae005. PMID: 38175668.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ SURGERY

Björck M, **Goncalves FB**, Mani K. [Even the Uncut Diamond Is Valuable](#). Eur J Vasc Endovasc Surg. 2024 Apr 8:S1078-5884(24)00292-2. doi: 10.1016/j.ejvs.2024.04.002. Epub ahead of print. PMID: 38599543.

CRITICAL CARE AND INTENSIVE CARE MEDICINE

Salluh JIF, **Póvoa P**, Beane A, Kalil A, Sendagire C, Sweeney DA, Pilcher D, Polverino E, Tacconelli E, Estenssoro E, Frat JP, Ramirez J, Reyes LF, Roca O, Nseir S, Nobre V, Lisboa T, Martin-Loeches I. [Challenges for a broad international implementation of the current severe community-acquired pneumonia guidelines](#). Intensive Care Med. 2024 Apr;50(4):526-538. doi: 10.1007/s00134-024-07381-z. Epub 2024 Mar 28. PMID: 38546855.

CRITICAL CARE AND INTENSIVE CARE MEDICINE/ PULMONARY AND RESPIRATORY MEDICINE

Póvoa P, Pitrowsky M, Guerreiro G, Pacheco MB, Salluh JIF. [Biomarkers: Are They Useful in Severe Community-Acquired Pneumonia?](#) Semin Respir Crit Care Med. 2024 Apr;45(2):200-206. doi: 10.1055/s-0043-1777771. Epub 2024 Jan 9. PMID: 38196062.

FAMILY PRACTICE

Gil Conde M, Rodrigues VL, Ramos RC, Rente A, **Broeiro-Gonçalves P**, Ribeiro C, Nicola PJ. [Barriers to research in family medicine-interviews with Portuguese family physician researchers](#). Fam Pract. 2024 Apr 15;41(2):168-174. doi: 10.1093/fampra/cmadi26. PMID: 38300765.

GASTROENTEROLOGY

Saraiva RO, Borges VP, **Silva MJ**, Loureiro R, **Capela T**, **Ramos G**, **Canena J**, Mateus Dias A, Alves R, **Coimbra J**. [Endoscopic Retrograde Cholangiopancreatography on Pediatric Patients: Experience of a Portuguese Adult Gastroenterology Department](#). GE Port J Gastroenterol. 2023 Mar 8;31(2):110-115. doi: 10.1159/000529090. PMID: 38633821; PMCID: PMC11021817.

GENETICS (CLINICAL)

Quinodoz M, Kaminska K, Cancellieri F, Han JH, Peter VG, Celik E, Janeschitz-Kriegl L, Schärer N, Hauenstein D, György B, Calzetti G, Hahaut V, Custódio S, Sousa AC, Wada Y, Murakami Y, Fernández AA, Hernández CR, Minguez P, Ayuso C, Nishiguchi KM, **Santos C**, Santos LC, Tran VH, Vaclavik V, Scholl HPN, Rivolta C. [Detection of elusive DNA copy-number variations in hereditary disease and cancer through the use of noncoding and off-target sequencing reads](#). Am J Hum Genet. 2024 Apr 4;111(4):701-713. doi: 10.1016/j.ajhg.2024.03.001. Epub 2024 Mar 25. PMID: 38531366.

GENETICS (CLINICAL)/ PHARMACOLOGY (MEDICAL)

Marta A, Marques JP, **Santos C**, Coutinho-Santos L, Vaz-Pereira S, Costa J, Arede P, Félix R, Geada S, Gouveia N, Silva R, Baptista M, Lume M, Parreira R, Azevedo Soares C, Menéres MJ, Lemos C, Melo Beirão J. [The socioeconomic epidemiology of inherited retinal diseases in Portugal](#). Orphanet J Rare Dis. 2024 Apr 9;19(1):151. doi: 10.1186/s13023-024-03161-6. PMID: 38594754; PMCID: PMC11003026.

HEALTH POLICY/INTERNAL MEDICINE/ONCOLOGY

Leruez-Ville M, Chatzakis C, Lilleri D, Blazquez-Gamero D, Alarcon A, Bourgon N, Foulon I, Fourgeaud J, Gonce A, Jones CE, Klapper P, Krom A, Lazzarotto T, Lyall H, **Paixao P**, Papaevangelou V, Puchhammer E, Sourvinos G, Valley P, Ville Y, Vossen A. [Consensus recommendation for prenatal, neonatal and postnatal management of congenital cytomegalovirus infection from the European congenital infection initiative \(ECCI\)](#). Lancet Reg Health Eur. 2024 Apr 1;40:100892. doi: 10.1016/j.lanepe.2024.100892. PMID: 38590940; PMCID: PMC10999471.

IMMUNOLOGY AND ALLERGY

Caetano J, Rodrigues LM, **Alves JD**. [What have we learned on pre, very early, and early systemic sclerosis microcirculatory pathophysiology? A scoping review](#). Autoimmun Rev. 2024 Apr 9:103540. doi: 10.1016/j.autrev.2024.103540. Epub ahead of print. PMID: 38604463.

IMMUNOLOGY AND ALLERGY/ PEDIATRICS, PERINATOLOGY AND CHILD HEALTH

Papadopoulos NG, Custovic A, Deschildre A, Gern JE, Nieto Garcia A, Miligkos M, Phipatanakul W, Wong G, Xepapadaki P, Agache I, Arasi S, Awad El-Sayed Z, Bacharier LB, Bonini M, Braido F, Caimmi D, Castro-Rodriguez JA, Chen Z, Clausen

M, Craig T, Diamant Z, Ducharme FM, Ebisawa M, Eigenmann P, Feleszko W, Fierro V, Fiocchi A, Garcia-Marcos L, Goh A, Gómez RM, Gotua M, Hamelmann E, Hedlin G, Hossny EM, Ispayeva Z, Jackson DJ, Jartti T, Jeseňák M, Kalayci O, Kaplan A, Konradsen JR, Kuna P, Lau S, Le Souef P, Lemanske RF, Levin M, Makela MJ, Mathioudakis AG, Mazulov O, Morais-Almeida M, Murray C, Nagaraju K, Novak Z, Pawankar R, Pijnenburg MW, **Pite H**, Pitrez PM, Pohunek P, Price D, Priftanji A, Ramiconi V, Rivero Yeverino D, Roberts G, Sheikh A, Shen KL, Szepefalusi Z, Tsiligianni I, Turkalj M, Turner S, Umanets T, Valiulis A, Vijveberg S, Wang JY, Winders T, Yon DK, Yusuf OM, Zar HJ; WAO Pediatric Asthma Committee. [Recommendations for asthma monitoring in children: A PeARL document endorsed by APAPARI, EAACI, INTERASMA, REG, and WAO.](#) *Pediatr Allergy Immunol.* 2024 Apr;35(4):e14129. doi: 10.1111/pai.14129. PMID: 38664926.

IMMUNOLOGY AND ALLERGY/RHEUMATOLOGY

Georgiadis S, Ørnbjerg LM, Michelsen B, Kvien TK, Di Giuseppe D, Wallman JK, Závada J, Provan SA, Kristianslund EK, **Rodrigues AM**, Santos MJ, Rotar Ž, Pirkmajer KP, Nordström D, Macfarlane GJ, Jones GT, van der Horst-Bruinsma I, Hellamand P, Østergaard M, Hetland ML. [ASDAS-CRP and ASDAS-ESR cut-offs for disease activity states in axial spondyloarthritis - Are they interchangeable?](#) *J Rheumatol.* 2024 Apr 15;jrheum.2023-1217. doi: 10.3899/jrheum.2023-1217. Epub ahead of print. PMID: 38621792.

Van der Heijde D, Molto A, Ramiro S, Braun J, Dougados M, van Gaalen FA, Gensler LS, Inman RD, Landewé RBM, Marzo-Ortega H, Navarro-Compán V, Phoka A, Poddubnyy D, Protopopov M, Reveille J, Rudwaleit M, Sampaio-Barros P, **Sepriano A**, Sieper J, Van den Bosch FE, van der Horst-Bruinsma I, Machado PM, Baraliakos X. [Goodbye to the term 'ankylosing spondylitis', hello 'axial spondyloarthritis': time to embrace the ASAS-defined nomenclature.](#) *Ann Rheum Dis.* 2024 Apr 11;83(5):547-549. doi: 10.1136/ard-2023-225185. PMID: 38071514.

MEDICINE (MISCELLANEOUS)

Alves R, Pires A, Jorge J, **Balça-Silva J**, Gonçalves AC, Sarmento-Ribeiro AB. [Batimastat Induces Cytotoxic and Cytostatic Effects in In Vitro Models of Hematological Tumors.](#) *Int J Mol Sci.* 2024 Apr 22;25(8):4554. doi: 10.3390/ijms25084554. PMID: 38674139; PMCID: PMC11050270.

Malheiro F, Ângelo-Dias M, Lopes T, Martins CG, Borrego LM. [Cytokine Dynamics in Acute Pancreatitis: The Quest for Biomarkers from Acute Disease to Disease Resolution.](#) *J Clin Med.* 2024 Apr 15;13(8):2287. doi: 10.3390/jcm13082287. PMID: 38673560; PMCID: PMC11051017.

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Pérez-García JM, Cortés J, Ruiz-Borrego M, Colleoni M, Stradella A, Bermejo B, Dalenc F, Escrivá-de-Romaní S, Calvo Martínez L, Ribelles N, Marmé F, Cortés A, Albacar C, Gebhart G, Prat A, Kerrou K, Schmid P, **Braga S**, Di Cosimo S, Gion M, Antonarelli G, Popa C, Szostak E, Alcalá-López D, Gener P, Rodríguez-Morató J, Mina L, Sampayo-Cordero M, Llombart-Cussac A; PHERGain Trial Investigators. [3-year invasive disease-free survival with chemotherapy de-escalation using an 18F-FDG-PET-based, pathological complete response-adapted strategy in HER2-positive early breast cancer \(PHERGain\): a randomised, open-label, phase 2 trial](#). Lancet. 2024 Apr 3:S0140-6736(24)00054-0. doi: 10.1016/S0140-6736(24)00054-0. Epub ahead of print. PMID: 38582092.

NEUROLOGY (CLINICAL)

Barbosa R, **Mendonça M**, **Bastos P**, Pita Lobo P, Valadas A, Correia Guedes L, Ferreira JJ, Rosa MM, Matias R, Coelho M. [3D Kinematics Quantifies Gait Response to Levodopa earlier and to a more Comprehensive Extent than the MDS-Unified Parkinson's Disease Rating Scale in Patients with Motor Complications](#). Mov Disord Clin Pract. 2024 Apr 12. doi: 10.1002/mdc3.14016. Epub ahead of print. PMID: 38610081.

Coutinho JM, van de Munckhof A, Aguiar de Sousa D, Poli S, Aaron S, Arauz A, Conforto AB, Krzywicka K, Hiltunen S, Lindgren E, Sánchez van Kammen M, Shu L, Bakchoul T, Belder R, van den Berg R, Boumans E, Cannegieter S, Cano-Nigenda V, Field TS, **Fragata I**, Heldner MR, Hernández-Pérez M, Klok FA, Leker RR, Lucas-Neto L, Molad J, Nguyen TN, Saaltink DJ, Saposnik G, Sharma P, Stam J, Thijs V, van der Vaart M, Werring DJ, Wong Ramos D, Yaghi S, Yeşilot N, Tatlisumak T, Putaala J, Jood K, Arnold M, Ferro JM. [Reducing the global burden of cerebral venous thrombosis: An international research agenda](#). Int J Stroke. 2024 Apr 9:17474930241242266. doi: 10.1177/17474930241242266. Epub ahead of print. PMID: 38494462.

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NEUROLOGY (CLINICAL)/PSYCHIATRY AND MENTAL HEALTH

Kar SK, Agrawal A, **Silva-Dos-Santos A**, Gupta Y, Deng ZD. [The Efficacy of Transcranial Magnetic Stimulation in the Treatment of Obsessive-Compulsive](#)

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NEUROLOGY (CLINICAL)/ RADIOLOGY, NUCLEAR MEDICINE AND IMAGING

Freire IS, Lopes TS, Afonso SG, Pereira DJ. [From images to insights: a neuroradiologist's practical guide on white matter fiber tract anatomy and DTI patterns for pre-surgical planning.](#) Neuroradiology. 2024 Apr 18. doi: 10.1007/s00234-024-03362-7. Epub ahead of print. PMID: 38635028.

NEUROSCIENCE

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OBSTETRICS AND GYNECOLOGY

Freitas P, Resende-Neves T, Lameira P, Costa M, Dias P, Filipe J, Ferreira J, **Félix A**, Cunha TM. [Smooth muscle tumours of the uterus: MR imaging malignant predictive features-a 12-year analysis in a referral hospital in Portugal.](#) Arch Gynecol Obstet. 2024 Apr;309(4):1551-1560. doi: 10.1007/s00404-023-07294-0. Epub 2023 Dec 6. PMID: 38055011.

OBSTETRICS AND GYNECOLOGY/ ONCOLOGY

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ONCOLOGY/ UROLOGY

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PEDIATRICS, PERINATOLOGY AND CHILD HEALTH

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PSYCHIATRY AND MENTAL HEALTH

Grigaité U, Azeredo-Lopes S, Cardoso G, Pedrosa B, Aluh DO, Santos-Dias M, Silva M, Xavier M, Caldas-de-Almeida JM. [Mental health conditions and utilisation of mental health services by survivors of physical intimate partner violence in Portugal: Results from the WHO world mental health survey](#). Psychiatry Res. 2024 Apr;334:115801. doi: 10.1016/j.psychres.2024.115801. Epub 2024 Feb 17. PMID: 38402741.

PUBLIC HEALTH, ENVIRONMENTAL AND OCCUPATIONAL HEALTH

Sousa S, Paíga P, **Pestana D**, Faria G, Delerue-Matos C, Ramalhosa MJ, **Calhau C**, Domingues VF. [Evaluating the impact of polycyclic aromatic hydrocarbon bioaccumulation in adipose tissue of obese women](#). Chemosphere. 2024 Apr;353:141673. doi: 10.1016/j.chemosphere.2024.141673. Epub 2024 Mar 8. PMID: 38462176.

PULMONARY AND RESPIRATORY MEDICINE

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RADIOLOGY, NUCLEAR MEDICINE AND IMAGING

Pontone G, Rossi A, Baggiano A, Andreini D, Conte E, Fusini L, Gebhard C, Rabbat MG, Guaricci A, Guglielmo M, Muscogiuri G, Mushtaq S, Al-Mallah MH, Berman DS, Budoff MJ, Cademartiri F, Chinnaiyan K, Choi JH, Chun EJ, **Araújo Gonçalves P**, Gottlieb I, Hadamitzky M, Kim YJ, Lee BK, Lee SE, Maffei E, Marques H, Samady H,

Shin S, Sung JM, van Rosendaal A, Virmani R, Bax JJ, Leipsic JA, Lin FY, Min JK, Narula J, Shaw LJ, Chang HJ. [Progression of non-obstructive coronary plaque: a practical CCTA-based risk score from the PARADIGM registry.](#) Eur Radiol. 2024 Apr;34(4):2665-2676. doi: 10.1007/s00330-023-09880-x. Epub 2023 Sep 26. PMID: 37750979.

RHEUMATOLOGY

Sepriano A, Ramiro S, Landewé R, van der Heijde D, Ohrndorf S, FitzGerald O, Backhaus M, Larché M, Homik J, Saraux A, Hammer HB, Terslev L, Østergaard M, Burmester G, Combe B, Dougados M, Hitchon C, Boire G, Lambert RG, Dadashova R, Paschke J, Hutchings EJ, Maksymowych WP. [Adding ultrasound to treat-to-target shows no benefit in achieving clinical remission nor in slowing radiographic progression in rheumatoid arthritis: results from a multicenter prospective cohort.](#) Clin Rheumatol. 2024 Apr 29. doi: 10.1007/s10067-024-06978-5. Epub ahead of print. PMID: 38684600.

UROLOGY

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