

**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 2025 *

ANESTHESIOLOGY AND PAIN MEDICINE/ RHEUMATOLOGY

Santos ME, Ramiro S, van der Heijde D, Landewé R, Cruz-Machado AR, Ferreira CC, Marques-Gomes C, Soares CD, Miguel C, Albuquerque F, Martins F, Silva L, Santos H, Almeida I, Bernardes M, Khmelinskii N, Valente P, Teixeira PM, Matias SE, Fraga V, **Pimentel-Santos F, Branco JC, Sepriano A**. [The use of ASDAS to evaluate disease activity and response to treatment in patients with axial spondyloarthritis starting the first biological drug: Are ASAS recommendations being followed?](#) Semin Arthritis Rheum. 2025 Jul 18;74:152781. doi: 10.1016/j.semarthrit.2025.152781. Epub ahead of print. PMID: 40712275.

BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY (MISCELLANEOUS)

Alcacer C, Klaus A, **Mendonça M**, Abalde SF, Cenci MA, Costa RM. [Abnormal hyperactivity of specific striatal ensembles encodes distinct dyskinetic behaviors revealed by high-resolution clustering](#). Cell Rep. 2025 Jul 9;44(7):115988. doi: 10.1016/j.celrep.2025.115988. Epub ahead of print. PMID: 40638389.

Barata MA, Perdigão C, Ramalho J, Gomes ER, **Guimas Almeida C**. [Alzheimer's genetic risk factor Bin1 controls synapse vesicle exo-endocytosis in inhibitory synapses](#). Cell Rep. 2025 Jul 15;44(8):116005. doi: 10.1016/j.celrep.2025.116005. Epub ahead of print. PMID: 40674214.

Silva C, Ferrão J, Marques B, Pedro S, Correia H, Valente A, **Rodrigues AS, Vieira L**. [Comparative analysis of hybrid-SNP microarray and nanopore sequencing for detection of large-sized copy number variants in the human genome](#). Mol Cytogenet. 2025 Jul 23;18(1):18. doi: 10.1186/s13039-025-00721-8. PMID: 40702511; PMCID: PMC12288236.

* [PT] Dados recolhidos em julho de 2025. Atualizado pela última vez a 8 de agosto de 2025.
[ENG] Data collected in July 2025. Last updated on August 8, 2025.

BIOCHEMISTRY/ MOLECULAR BIOLOGY

Pinto FG, Giddey AD, Mohamed N, Almarri RSB, Murtaza M, Nassir N, Alkhnbashi OS, Uddin MJ, **Soares NC**. [Repurposing proteomic nanolc-ms platforms for untargeted metabolomics: evaluating dia and polarity switching performance in human plasma](#). Expert Rev Proteomics. 2025 Jul 21. doi: 10.1080/14789450.2025.2537210. Epub ahead of print. PMID: 40685892.

CANCER RESEARCH/ MOLECULAR BIOLOGY/ MOLECULAR MEDICINE

Martins F, Arada R, Barros H, Matos P, **Ramalho J**, Ceña V, Bonifácio VDB, Gonçalves LG, **Serpa J**. [Correction: Lactate-coated polyurea-siRNA dendriplex: a gene therapy-directed and metabolism-based strategy to impair glioblastoma \(GBM\)](#). Cancer Gene Ther. 2025 Jul 10. doi: 10.1038/s41417-025-00933-5. Epub ahead of print. Erratum for: Cancer Gene Ther. 2025 Jun;32(6):690-705. doi: 10.1038/s41417-025-00906-8. PMID: 40640526.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE

Albuquerque RP, Dores H, Cunha G, Mendes M, **Gonçalves-Pereira M**. [Enrollment and adherence in cardiac rehabilitation: Are we neglecting the aging brain?](#) Rev Port Cardiol. 2025 Jul 23:S0870-2551(25)00222-7. English, Portuguese. doi: 10.1016/j.repc.2025.01.011. Epub ahead of print. PMID: 40712822.

Barberato SH, **Cardim N**, Rassi DDC, Baritussio A, Beck ALS, Cosyns B, Felix A, Gargani L, Almeida ALC, Nunes MCP, Vieira MLC, Dweck MR, Petersen SE; This document was reviewed by members of the 2022–2024 EACVI Scientific Documents Committee. [Cardiac imaging in patients with tropical diseases-a scientific statement of the European Association of Cardiovascular Imaging \(EACVI\) of the European Society of Cardiology and the Cardiovascular Imaging Department of the Brazilian Society of Cardiology \(DICSBC\)](#). Eur Heart J Cardiovasc Imaging. 2025 Jul 31;26(8):1315-1332. doi: 10.1093/ehjci/jeaf154. PMID: 40394720.

Ferreira Santos J, Ladeiras-Lopes R, Leite F, **Dores H**. [Applications of large language models in cardiovascular disease: a systematic review](#). Eur Heart J Digit Health. 2025 Apr 1;6(4):540-553. doi: 10.1093/ehjdh/ztaf028. PMID: 40703130; PMCID: PMC12282349.

Fonseca C, Baptista R, Franco F, Moura B, Pimenta J, Sarmento PM, Cardoso JS, Brito D. [Correction to: Worsening heart failure: progress, pitfalls, and perspectives](#). Heart Fail Rev. 2025 Jul;30(4):817-818. doi: 10.1007/s10741-025-10507-0. Epub 2025 Mar 28. Erratum for: Heart Fail Rev. 2025 Jul;30(4):715-734. doi: 10.1007/s10741-025-10497-z. PMID: 40153245; PMCID: PMC12165866.

Fonseca C, Baptista R, Franco F, Moura B, Pimenta J, Moraes Sarmento P, Cardoso JS, Brito D. [Worsening heart failure: progress, pitfalls, and perspectives](#). Heart Fail Rev. 2025 Jul;30(4):715-734. doi: 10.1007/s10741-025-10497-z. Epub 2025 Feb 20. Erratum in: Heart Fail Rev. 2025 Jul;30(4):817-818. doi: 10.1007/s10741-025-10507-0. PMID: 39976853; PMCID: PMC12165898.

Marques I, Viamonte S, Severo M, Pinto AG, **Fonseca C**, Carvalho HC. [Quality of Life Scores Association with other Patient Reported Outcomes: Validating Minnesota Living with Heart Failure Questionnaire to Portuguese](#). Rev Port Cardiol. 2025 Jul 18:S0870-2551(25)00220-3. English, Portuguese. doi: 10.1016/j.repc.2025.03.005. Epub ahead of print. PMID: 40685076.

Tirado Conte G, Arslani K, Zaid S, Khokhar A, Boiago M, Costa G, Bonnet G, Mylotte D, De Carlo M, McInerney A, Hovasse T, **Campante Teles R**, Sudre A, Akodad M, **Brito J**, Bieliauskas G, Mahfoud F, de Biase C, Piazza N, Leroux L, Van Mieghem NM, Tang GHL, Nombela-Franco L, Tchétché D, De Backer O. [Stent Frame Deformation of Self-Expanding Transcatheter Heart Valves in Bicuspid Aortic Stenosis and Impact on Valve Performance](#). Eur Heart J Cardiovasc Imaging. 2025 Jul 2;jeaf195. doi: 10.1093/ehjci/jeaf195. Epub ahead of print. PMID: 40608951.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ COMPLEMENTARY AND ALTERNATIVE MEDICINE/GERIATRICS AND GERONTOLOGY

Viegas A, Von Rekowski CP, Araújo R, Ramalhete L, Cordeiro IM, Manita M, **Viana-Baptista M**, **Macedo P**, **Bento L**. [Predicting delirium in critically ill COVID-19 patients using EEG-derived data: a machine learning approach](#). Geroscience. 2025 Jul 23. doi: 10.1007/s11357-025-01809-0. Epub ahead of print. PMID: 40702284.

CARDIOLOGY AND CARDIOVASCULAR MEDICINE/ SURGERY

Bastos Gonçalves F, Tulamo R, Björck M. [Seeing is Believing: Recent Data Support the Use of Routine Completion Angiography after Open Surgery for Acute Limb Ischaemia](#). Eur J Vasc Endovasc Surg. 2025 Jul;70(1):135-136. doi: 10.1016/j.ejvs.2025.03.022. Epub 2025 Mar 24. PMID: 40139653.

Gonçalves FB. [EVAR Outcomes in Germany Unaffected by Volume: A Setback for Centralisation or a Selective Snapshot?](#) Eur J Vasc Endovasc Surg. 2025 Jul 7:S1078-5884(25)00671-9. doi: 10.1016/j.ejvs.2025.07.011. Epub ahead of print. PMID: 40633717.

CRITICAL CARE AND INTENSIVE CARE MEDICINE

Barosa M, Prasad V. [The cost of emulated target trials: Is real-world data cheaper than randomized studies?](#) Eur J Clin Invest. 2025 Jul;55(7):e70035. doi: 10.1111/eci.70035. Epub 2025 Mar 25. PMID: 40130313.

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Kohler K, De Corte T, Greco M, **Povoa P**, Cecconi M, Ostermann M, De Waele J, Morris AC; UNITE-COVID investigators. [The impact of intensive care strain on patients' outcomes-a multinational observational cohort \(UNITE-COVID\) study](#). Crit Care. 2025 Jul 28;29(1):329. doi: 10.1186/s13054-025-05521-5. PMID: 40722093; PMCID: PMC12306109.

Povoa P, **Coelho L**, Carratala J, Cawcutt K, Cosgrove SE, Ferrer R, Gomez CA, Klompas M, Lisboa T, Martin-Loeches I, Nseir S, **Salluh JIF**, Scherger S, Sweeney DA, Kalil AC. [Correction: How to approach a patient hospitalized for pneumonia who is not responding to treatment?](#) Intensive Care Med. 2025 Jul 14. doi: 10.1007/s00134-025-08027-4. Epub ahead of print. Erratum for: Intensive Care Med. 2025 May;51(5):893-903. doi: 10.1007/s00134-025-07903-3. PMID: 40658251.

Russell L, Azoulay E, Anthon CT, Pène F, Akella P, Mabrouki A, Puxty K, Nielsen LB, Andreasen JB, Kander T, Sjövall F, Hästbacka J, Hvas CL, Van De Louw A, Chawla S, Bauer PR, Castro P, **Povoa P, Coelho L**, Fernandez S, Topeli A, Barratt-Due A, Barbaglio C, Kochanek M, Martin-Loeches I, Kentish-Barnes N. [Platelet transfusion practice in the intensive care unit: the Nine-I international platelet transfusion survey](#). Ann Intensive Care. 2025 Jul 8;15(1):91. doi: 10.1186/s13613-025-01494-4. PMID: 40627074; PMCID: PMC12237844.

DERMATOLOGY

Valente C, Figueira Vilela B, **Paiva-Lopes MJ**, Duarte B. [The Efficacy of Dupilumab Largely Exceeds the 6-Month Treat-to-target Goals: An Analysis in an Atopic Dermatitis Referral Center](#). Actas Dermosifiliogr. 2025 Jul-Aug;116(7):778-780. English, Spanish. doi: 10.1016/j.ad.2023.10.062. Epub 2025 Mar 8. PMID: 40058584.

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ENDOCRINOLOGY, DIABETES AND METABOLISM

Oliveira Torres J, Guilherme Lima M, **Bouça B, Silva-Nunes J**. [GLP-1 receptor agonists versus testosterone in male reproductive health: A critical perspective](#). Diabetes Obes Metab. 2025 Jul;27(7):4037-4038. doi: 10.1111/dom.16404. Epub 2025 Apr 21. PMID: 40259520.

Poppitt SD, Miles-Chan J, **Silvestre MP**. [Prediabetes phenotypes: can aetiology and risk profile guide lifestyle strategies for diabetes prevention?](#) Expert Rev Endocrinol Metab. 2025 Jul 12;1-11. doi: 10.1080/17446651.2025.2532559. Epub ahead of print. PMID: 40650958.

**GERIATRICS AND GERONTOLOGY/ NEUROLOGY (CLINICAL)/ PATHOLOGY
AND FORENSIC MEDICINE**

Lemos R, Areias-Marques S, Lazaridis A, Zils J, Martins C, Almeida S, **Alves L**, Brieber D, **Oliveira-Maia AJ**. [The Cognitive Functions Dementia Battery: A Novel Computerized Tool for Neurocognitive Disorders](#). Aging Dis. 2025 Jul 17. doi: 10.14336/AD.2025.0412. Epub ahead of print. PMID: 40681347.

GERIATRICS AND GERONTOLOGY/ PSYCHIATRY AND MENTAL HEALTH

Koh WQ, Roes M, de Vugt M, Sezgin D, **Gonçalves-Pereira M**, Müller N, Diaz A, Casey D, Ingram C, Walden AK, Thyrian JR, Neal D, Comas A, Hopper L. [What are the unmet needs in people affected by dementia? A scoping review of reviews](#). Aging Ment Health. 2025 Jul 23:1-20. doi: 10.1080/13607863.2025.2534406. Epub ahead of print. PMID: 40696903.

**HEALTH POLICY/ INTERNAL MEDICINE/ /ONCOLOGY/ PUBLIC HEALTH,
ENVIRONMENTAL AND OCCUPATIONAL HEALTH**

Moreira-Rosário A, Lanca C, Grzybowski A. [Prevalence of myopia in Europe: a systematic review and meta-analysis of data from 14 countries](#). Lancet Reg Health Eur. 2025 May 22;54:101319. doi: 10.1016/j.lanepe.2025.101319. PMID: 40672053; PMCID: PMC12266183.

**HEALTH POLICY/ PUBLIC HEALTH, ENVIRONMENTAL AND
OCCUPATIONAL HEALTH**

Aluh DO, Diaz-Milanes D, **Azeredo-Lopes S**, Barbosa S, **Santos-Dias M**, **Silva M**, **Grigaitė U**, **Pedrosa B**, Velosa A, **Cardoso G**, **Caldas-de-Almeida JM**. [Coercion in Psychiatry: Exploring the Subjective Experience of Coercion Among Patients in Five Portuguese Psychiatric Departments](#). J Behav Health Serv Res. 2025 Jul;52(3):505-524. doi: 10.1007/s11414-024-09890-7. Epub 2024 Jul 10. PMID: 38987414.

Maria ARJ, **Basílio N**. [Vulnerable Groups in Primary Health Care: Brief Report of a Project Implementation in Lisbon](#). Port J Public Health. 2025 Feb 27;43(2):125-130. doi: 10.1159/000543927. PMID: 40697712; PMCID: PMC12279343.

HEPATOLOGY

Cardoso FS. [Letter to the Editor: Mean arterial pressure as a complex treatment target in patients with cirrhosis and acute kidney injury.](#) Hepatology. 2025 Jul 1;82(1):E5-E6. doi: 10.1097/HEP.0000000000001288. Epub 2025 Feb 25. PMID: 39999447.

IMMUNOLOGY AND ALLERGY/PULMONARY AND RESPIRATORY MEDICINE

Bernstein JA, Ansotegui I, Asero R, Banerji A, Betschel S, Craig T, García-Abujeta JL, Gómez RM, Grumach AS, Hide M, Lang DM, Levin M, Longhurst HJ, Maurer M, Morais-Almeida M, Van DN, **Pité H**, Riedl MA, Rojo Gutiérrez MI, Saini SS, Sussman G, Toubi E, Zanichelli A, Zuraw B, Zuberbier T. [Diagnostic testing for chronic spontaneous urticaria with or without angioedema: The do's, don't and maybe's.](#) World Allergy Organ J. 2025 Jun 9;18(7):101068. doi: 10.1016/j.waojou.2025.101068. PMID: 40546743; PMCID: PMC12180992.

González-Díaz SN, **Morais-Almeida M**, Ansotegui IJ, Macouzet-Sánchez C, Ordóñez-Azuara YG, Camarena-Galván J, Alanís-Alvarez JM. [Artificial intelligence in allergy practice: Digital transformation and the future of clinical care.](#) World Allergy Organ J. 2025 Jul 7;18(8):101078. doi: 10.1016/j.waojou.2025.101078. PMID: 40689382; PMCID: PMC12273503.

MEDICINE (MISCELLANEOUS)

Aung TN, Liu M, Su D, Shafi S, Boyaci C, Steen S, Tsiknakis N, Vidal JM, Maher N, [...] **Gomes Pinto D**, Plotar V, Pop O, Rau T, Skok K, Sun W, Serbes ED, Solass W, Stanowska O, Szasz M, Szymonski K, Thimm F, Vignati D, Vigdorovits A, Prieto V, Sinnberg T, Wilmott J, Cowper S, Warrell J, Saenger Y, Hartman J, Plummer J, Osman I, Rimm DL, Acs B. [Pathologist-Read vs AI-Driven Assessment of Tumor-Infiltrating Lymphocytes in Melanoma.](#) JAMA Netw Open. 2025 Jul 1;8(7):e2518906. doi: 10.1001/jamanetworkopen.2025.18906. PMID: 40608341; PMCID: PMC12232186.

Eriksson LB, **Eriksson M**, Gordh T, Larsson A. [Significant Associations Between Blood Cell Counts and a Large Number of Salivary Cytokines, Chemokines, and Growth Factors.](#) J Interferon Cytokine Res. 2025 Jul;45(7):254-262. doi: 10.1089/jir.2025.0048. Epub 2025 May 20. PMID: 40392700.

GBD 2023 Vaccine Coverage Collaborators (Haeuser E, Byrne S, Nguyen J, [...]) **Conde, J**, [...] Mosser JF). [Global, regional, and national trends in routine childhood vaccination coverage from 1980 to 2023 with forecasts to 2030: a](#)

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Hipp JF, Bacino CA, Bird LM, Bruenig-Traebert I, Chan D, de Wit MC, **Fontoura P**, Hooper G, Jagasia R, Krishnan ML, Murtagh L, Noci A, Martínez AR, Schwab D, Serrano M, Shen MD, Tillmann J, Tjeertes J, Vincenzi B, Berry-Kravis E, Bonni A; Rugonersen Study Group; all TANGELO investigators. [The UBE3A-ATS antisense oligonucleotide rugonersen in children with Angelman syndrome: a phase 1 trial.](#) Nat Med. 2025 Jul 11. doi: 10.1038/s41591-025-03784-7. Epub ahead of print. PMID: 40646322.

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Pimpão AB, **Teixeira-Santos L**, **Coelho NR**, **Correia MJ**, **Morello J**, Antunes AMM, **Monteiro EC**, **Pereira SA**. [Biotransformation of ketamine in terminal in vivo experiments under chronic intermittent hypoxia conditions and the role of AhR.](#) Arch Toxicol. 2025 Jul;99(7):2835-2844. doi: 10.1007/s00204-025-04044-w. Epub 2025 Apr 19. PMID: 40253307; PMCID: PMC12198304.

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MEDICINE (MISCELLANEOUS)/ NEUROLOGY (CLINICAL)/ RADIOLOGY, NUCLEAR MEDICINE AND IMAGING

Rodrigues ASL, Lobo GG, Machado T, Pereira DJ. [Aurora: Open-Access Web App for Structured Neuroradiology Report and Score Calculation](#). *AJNR Am J Neuroradiol*. 2025 Jul 28;ajnr.A8940. doi: 10.3174/ajnr.A8940. Epub ahead of print. PMID: 40721283.

MULTIDISCIPLINARY

Cebola P, **Caroça C**, Donato H, **Dias S**, **Paço J**, Manso C. [Computed tomography versus sleep endoscopy \(DISE\) to predict the effectiveness of mandibular advancement device in adult patients with obstructive sleep apnea: A systematic review](#). *PLoS One*. 2025 Jul 10;20(7):e0327974. doi: 10.1371/journal.pone.0327974. PMID: 40638649; PMCID: PMC12244774.

Conde J. [How to de-Americanize global science](#). *Nature*. 2025 Jul;643(8072):609. doi: 10.1038/d41586-025-02215-4. PMID: 40670640.

Lima MR, **Abecasis J**, Santos RR, Maltês S, Lopes P, Stankowski K, Guerreiro S, Ferreira A, Ribeiros R, Andrade MJ, Madeira M, Ramos S, Uva MS, **Cardim N**.

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Prognostic impact of left ventricular reverse remodeling after surgical aortic valve replacement in severe aortic stenosis. *Sci Rep.* 2025 Jul 22;15(1):26581. doi: 10.1038/s41598-025-12483-9. PMID: 40696047; PMCID: PMC12284079.

NEPHROLOGY/ SURGERY

Martins JF, Marouço C, **Caeiro F**. Focal alveolar hemorrhage following guide-wire progression into the pulmonary arterial circulation during fibrin sheath angioplasty and catheter exchange: Case report. *J Vasc Access.* 2025 Jul;26(4):1413-1415. doi: 10.1177/11297298241262344. Epub 2024 Aug 1. PMID: 39091077.

NEUROSCIENCE

Teodoro RO, Ramos MR, Carvalho L. Contribution of mechanical forces to structural synaptic plasticity: insights from 3D cellular motility mechanisms. *Neural Regen Res.* 2025 Jul 1;20(7):1995-1996. doi: 10.4103/NRR.NRR-D-24-00498. Epub 2024 Jul 29. PMID: 39254555; PMCID: PMC11691457.

NEUROLOGY (CLINICAL)/ PHYSIOLOGY (MEDICAL)/ SURGERY

Margarido I, Carvalho IV, Oliveira C, **Krupka D**, Duarte M, Barros N, Ruano L, **Salavisa M**, Batista S, Guimarães J, Sá MJ, Vale J, Isidoro L. **PERSIMS: Comparing doctors and patients PERSpectives on quality of life In Multiple Sclerosis**. *J Clin Neurosci.* 2025 Jul;137:111313. doi: 10.1016/j.jocn.2025.111313. Epub 2025 May 9. PMID: 40347759.

NUTRITION AND DIETETICS

Pereira V, Cuevas-Sierra A, de la O V, **Salvado R, Barreiros-Mota I, Castela I, Camelo A, Brandão I, Santo CE, Faria A, Calhau C, Silvestre MP, Moreira-Rosário A**. Gut Microbiota Shifts After a Weight Loss Program in Adults with Obesity: The WLM3P Study. *Nutrients.* 2025 Jul 18;17(14):2360. doi: 10.3390/nu17142360. PMID: 40732984; PMCID: PMC12299616.

OBSTETRICS AND GYNECOLOGY

Djokovic D, Pinto P, Reis I. Maternal adnexal masses in pregnancy. *Best Pract Res Clin Obstet Gynaecol.* 2025 Jul 23;102:102643. doi: 10.1016/j.bpobgyn.2025.102643. Epub ahead of print. PMID: 40712345.

OBSTETRICS AND GYNECOLOGY/ REPRODUCTIVE MEDICINE

Chrysostomou A, Noé G, Linnamägi A, van Herendaal BJ, **Djokovic D**. [Evidence-based recommendations of the International Society for Gynecologic Endoscopy \(ISGE\) for the prevention of apical prolapse following vaginal hysterectomy for prolapsed and non-prolapsed uterus](#). Eur J Obstet Gynecol Reprod Biol. 2025 Jul 1;312:114559. doi: 10.1016/j.ejogrb.2025.114559. Epub ahead of print. PMID: 40617193.

ONCOLOGY

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* [PT] Dados recolhidos em julho de 2025. Atualizado pela última vez a 8 de agosto de 2025.

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