

Repositório de artigos de sócios SPAIC publicados em 2020



AEROBIOLOGIA E AMBIENTE

Aerobiologia do pólen das Cupressáceas em Portugal.

Caeiro E, Penedos C, Carreiro-Martins P, Nunes C, Morais Almeida M, Pedro E, Rodrigues-Alves R, Branco Ferreira M. Rev Port Imunoalergologia 2020;28 (1):19-30 10.32932/rpia.2020.03.029

Airborne food and aeroallergens levels in healthcare settings. An unaccounted but potentially relevant source of exposure?

Leal M, Paciência I, Farraia M, Cavaleiro Rufo J, Castro Mendes F, Delgado L, Viegas C, Moreira A. J Investig Allergol Clin Immunol. 2020 Jun 5:0 10.18176/jiaci.0623

Exposure assessment in one central hospital: A multi-approach protocol to achieve an accurate risk characterization.

Viegas C, Almeida B, Monteiro A, Paciência I, Rufo J, Aguiar L, Lage B, Diogo Gonçalves LM, Caetano LA, Carolino E, Gomes AQ, Twarużek M, Kosicki R, Grajewski J, Teixeira JP, Viegas S, Pereira C. Environ Res. 2020 Feb;181:108947 10.1016/j.envres.2019.108947

Indoor air pollution, physical and comfort parameters related to schoolchildren's health: Data from the European SINPHONIE study.

Baloch RM, Maesano CN, Christoffersen J, Banerjee S, Gabriel M, Csobod É, de Oliveira Fernandes E, Annesi-Maesano I; SINPHONIE Study group (incluindo, Paciência I). Sci Total Environ. 2020 Oct 15;739:139870 10.1016/j.scitotenv.2020.139870

Sensitisation to aeroallergens in relation to asthma and other allergic diseases in Angolan children: a cross-sectional study.

Arrais M, Lulua O, Quifica F, Rosado-Pinto J, Gama JMR, Brito M, Taborda-Barata L. Allergol Immunopathol (Madr). 2020 May-Jun;48(3):281-289. 10.1016/j.aller.2019.10.005.

Whole” vs “fragmented” approach to EAACI pollen season definitions: A multicenter study in six Southern European cities.

Hoffmann TM, Sahin AA, Aggelidis X, Arasi S, Barbalace A, Bourgoin A, Bregu B, Brighetti MA, Caeiro E, Sozmen SC, Caminiti L, Charpin D, Couto M, Delgado L, Businco AD, Dimier C, Dimou MV, Fonseca JA, Goksel O, Guvensen A, Hernandez D, Jang DT, Kalpaklioglu F, Lame B, Llusar R, Makris MP, Mazon A, Mesonjesi E, Nieto A, Ozturk A, Pahus L, Pajno GB, Panasiti I, Panetta V, Papadopoulos NG, Pellegrini E, Pelosi S, Pereira AM, Pereira M, Pinar M, Pfaar O, Potapova E, Priftanji A, Psarros F, Sackesen C, Sfika I, Suarez J, Thibaudon M, Travaglini A, Tripodi S, Verdier V, Villella V, Xepapadaki P, Yazici D, Matricardi PM, Dramburg S.
Allergy 2020; Vol. 75 (7): 1659-1671 (13)
10.1111/all.14153

Molecular sensitization profile to Dermatophagooides pteronyssinus dust mite in Portugal.

Limão R, Spínola Santos A, Araújo L, Cosme J, Inácio F, Tomaz E, Ferrão A, Santos N, Sokolova A, Môrete A, Falcão H, Cunha L, Ferreira A, Bras A, Ribeiro F, Lozoya C, Leiria Pinto P, Prates S, Plácido J, Coimbra A, Taborda-Barata L, Pereira Santos MC, Pereira Barbosa M, Pineda F. J Investig Allergol Clin Immunol. 2020 Jul 30:0. 10.18176/jiaci.0533.

ALERGIA ALIMENTAR

Blood or skin: what is best in predicting cow's milk allergy diagnosis?

Castro Neves A, Romeira AM, Marques JG, Matos V, Leiria Pinto P. Eur Ann Allergy Clin Immunol. 2020 Jul;52(4):160-164. 10.23822/EurAnnACI.1764-1489.123.

Characterization of population of patients with fish allergy and contribution of recombinant Parvalbumin Gad c 1 in diagnosis and prognosis.

Carvalho S, Marcelino J, Duarte F, Costa C, Pereira Barbosa M, Pereira Santos MC. J Investigational Allergol Clinical Immunol. 2020;30(5):340-345. 10.18176/jiaci.0437

Development of a screening questionnaire for the study of food allergy in adults

Lozoya-Ibáñez C, Belo J, Afonso RM, Pereira H, Rodrigues A, Taborda-Barata L. Allergy Organ J. 2020 Aug 22;13(9):100456 10.1016/j.waojou.2020.100456

Food allergy – from food avoidance to active treatment.

Costa C, Coimbra A, Vítor A, Aguiar R, Ferreira AL, Todo-Bom A. Scand J Immunol. 2020 Jan; 91(1):e12824. 10.1111/sji.12824.

Impact of a web-based program to improve food allergy management in schools and restaurants.

Pádua I, Moreira A, Moreira P, Barros R. Pediatr Allergy Immunol. 2020;31(7):851-857. 10.1111/pai.13264

Prevalence and clinical features of adverse food reactions in Portuguese adolescents.

Lozoya-Ibáñez C, Morgado-Nunes S, Rodrigues A, Fernandes P, Lourenço O, Fonseca AF, Taborda-Barata L. World Allergy Organ J 2020 Aug 11;13(8):100453 10.1016/j.waojou.2020.100453

Quail egg anaphylaxis with tolerance to hen egg: a case of occupational exposure.

Ferreira C, Ferreira AR, Bartolome B, Lopes I. J Investig Allergol Clin Immunol 2020;30(6):466-467.
10.18176/jiaci.0507

Tree nuts anaphylaxis in preschool age children.

Matias J, Gaspar A, Borrego LM, Piedade S, Pires G, Arêde C, Sampaio G, Morais-Almeida M. Eur Ann Allergy Clin Immunol. 2020;52(4):182-186 10.23822/EurAnnACI.1764-1489.

ALERGIA CUTÂNEA

Acute pancreatitis in the context of abdominal attack of hereditary angioedema.

Lourenço T, Fernandes M, Lopes A, Pereira Barbosa M. J Investing Allergol Clin Immunol 2020 Aug; 30(4):281-283. 10.18176/jaci.0490.

Allergic contact dermatitis to decyl glucoside: Still an important allergen in Tinosorb M.

Monteiro AF, Paulino M, Máquina A, Amaro C, Viana I. Contact Dermatitis. 2020 Feb;82(2):126-128. 10.1111/cod.13408.

Angioedema associado aos fármacos inibidores do eixo renina-angiotensina-aldosterona: Experiência do Centro Hospitalar de Lisboa Ocidental.

Sousa RA, Silva AT, Cabral RM, Cruz F, Pereira S, Escada P. Rev Port Imunoalergologia 2020; 28 (3): 141-148 10.32932/rpia.2020.09.038

Angioedema por processãoária - um caso clínico atípico.

Varandas C, Paulino M, Falcão P, Duarte F, Costa C, Lopes da Silva S, Pedro E. Rev. Port Imunoalergologia 2020;28 (4):247-248. 10.32932/rpia.2020.12.048

Antihistamine-resistant chronic spontaneous urticaria remains undertreated: 2-year data from the AWARE study.

Maurer M, Costa C, Gimenez Arnau A, Guillet G, Labrador-Horillo M, Lapeere H, Meshkova R, Savic S, Chapman-Rothe N. Clin Exp Allergy. 2020 Oct;50(10):1166-1175. 10.1111/cea.13716.

Atopic dermatitis host and environment model: revisiting therapeutic options.

Lopes A, Sokolova A, Abreu C, Lopes C. Eur Ann Allergy Clin Immunol. 2020 Jan;52(1):4-14. 10.23822 EurAnnACI.1764-1489.125.

Autologous serum skin test reactions in chronic spontaneous urticaria differ from heterologous cell reactions.

Baumann K, Marcelino J, Skov PS, Santos MCP, Wyrosdak I, Scheffel J, Altrichter S, Woetmann A, Costa C, Maurer M.
J Eur Acad Dermatol Venereol. 2021 Jun;35(6):1338-1345. (PUBLICAÇÃO ONLINE EM 2020)
10.1111/jdv.17131.

Definition, aims, and implementation of GA2LEN/HAEi Angioedema Centers of Reference and Excellence.

Maurer M, Aberer W, Agondi R, Al-Ahmad M, Al-Nesf MA, Ansotegui I, Arnaout R, Arruda LK, Asero R, Aygören-Pürsün E, Banerji A, Bauer A, Ben-Shoshan M, Berardi A, Bernstein JA, Betschel S, Bindlev-Jensen C, Bizjak M, Boccon-Gibod I, Bork K, Bouillet L, Boysen HB, Brodszki N, Broesby-Olsen S, Busse P, Buttigereit T, Bygum A, Caballero T, Campos RA, Cancian M, Cherrez-Ojeda I, Cohn DM, Costa C, Craig T, Criado PR, Criado RF, Csuka D, Dissemont J, Du-Thanh A, Ensina LF, Ertaş R, Fabiani JE, Fantini C, Farkas H, Ferrucci SM,

Figuera-Nart I, Fili NL, Fomina D, Fukunaga A, Gelincik A, Giménez-Arnau A, Godse K, Gompels M, Gonçalo M, Gotua M, Gower R, Grumach AS, Guidos-Fogelbach G, Hide M, Ilina N, Inomata N, Jakob T, Josviack DO, Kang HR, Kaplan A, Kasperska-Zajac A, Katelaris C, Kessel A, Kleinheinz A, Kocatürk E, Košnik M, Krasowska D, Kulthanian K, Kumaran MS, Larco Sousa JL, Longhurst HJ, Lumry W, MacGinnitie A, Magerl M, Makris MP, Malbrán A, Marsland A, Martinez-Saguer I, Medina IV, Meshkova R, Metz M, Nasr I, Nicolay J, Nishigori C, Ohsawa I, Özyurt K, Papadopoulos NG, Parisi CAS, Peter JG, Pfützner W, Popov T, Prior N, Ramon GD, Reich A, Reshef A, Riedl MA, Ritchie B, Röckmann-Helmbach H, Rudenko M, Salman A, Sanchez-Borges M, Schmid-Grendelmeier P, Serpa FS, Serra-Baldrich E, Sheikh FR, Smith W, Soria A, Staubach P, Steiner UC, Stobiecki M, Sussman G, Tagka A, Thomsen SF, Treudler R, Valle S, van Doorn M, Varga L, Vázquez DO, Wagner N, Wang L, Weber-Chrysochoou C, Ye YM, Zalewska-Janowska A, Zanichelli A, Zhao Z, Zhi Y, Zuberbier T, Zwiener RD, Castaldo A.
Allergy. 2020 Aug;75(8):2115-2123.
10.1111/all.14293.

Eczema herpeticum: A propósito de um caso clínico.

Rodolfo A, Maia A, Bonito-Vítor A.
Rev Port Imunoalergologia 2020; 28
(2): 115-118
10.32932/rpia.2020.06.036

Edema labial recorrente: Qual o seu diagnóstico?

Cunha IM, Falcão I, Cunha L.
Rev Port Imunoalergologia 2020; 28
(3): 177-178
10.32932/rpia.2020.09.042

How to Treat Patients with Chronic Spontaneous Urticaria with Omalizumab: Questions and Answers.

Türk M, Carneiro-Leão L, Kolkhir P, Bonnekoh H, Buttgereit T, Maurer M. J Allergy Clin Immunol Pract. 2020 Jan;8(1):113-124.
10.1016/j.jaip.2019.07.021.

Omalizumab treatment during SARS-CoV-2 infection.

Paulino M, Costa C, Pedro E. Pandemic: Case Studies & Opinions. 2020. 01(07): 153–154.

Refractory chronic urticaria in adults: clinical characterization and predictors of severity.

Alen Coutinho I, Regateiro FS, Fernandes RA, Pita JS, Gomes R, Coelho C, Todo-Bom A. Allergy Asthma Clin Immunol. 2020 Nov 11;16 (1): 97.
10.21203/rs.3.rs-33896/v2

Síndrome paraneoplásica com urticária e angioedema associado a carcinoma de células renais.

Rodolfo A, Pina F, Miranda M, Plácido JL. Rev Port Imunoalergologia 2020; 28 (2): 111-114
10.32932/rpia.2020.06.035

Viola Duet: a rare case of double sensitization to contact allergens in a professional musician.

Botelho Alves P, Todo-Bom A, Regateiro FS. Contact Dermatitis. 2020 Dec;83(6):523-524.
10.1111/cod.13662.

ALERGIA A FÁRMACOS

Allergy to beta-lactam antibiotics in children: Risk factors for a positive diagnostic work-up

Dias de Castro E, Carolino F, Carneiro-Leão L, Barbosa J, Ribeiro L, Cernadas JR. Allergol Immunopathol (Madr). 2020 Sep-Oct;48(5):417-423. 10.1016/j.aller.2020.01.005

Análise de um modelo preditivo para o diagnóstico de alergia a fármacos baseado na história clínica.

Cardoso BK, Farinha S, Martins M, Tomaz E, Inácio F. Rev Port Imunoalergologia 2020; 28 (1): 11-17 10.32932/rpia.2020.03.028

Caso clínico: hipersensibilidade tardia ao budesonido inalado

Carvalho S, Oliveira G, Duarte FC, Barbosa MP. Rev Port Imunoalergologia 2020;28(1):51-55. 10.32932/rpia.2020.03.031.

Caso de reação de hipersensibilidade a fármaco de emergência médica – Novo protocolo de dessensibilização.

Rodolfo A, Friões F, Cernadas JR. Rev Port Imunoalergologia 2020; 28 (3): 173-175 10.32932/rpia.2020.09.041

Diagnostic testing for penicillin allergy: A survey of practices and cost perceptions.

Sousa-Pinto B, Blumenthal KG, Macy E, Bavbek S, Benić MS, Alves-Correia M, Dursun AB, Jerschow E, Kong-Cardoso B, Kopač P, Lefèvre S, Lombardo C, Marraccini P, Moral L, Norton AE, Petrişor C, Poziomkowska-Gęsicka I, Regateiro FS, Santos N, Saretta F, Turkalj M, Veličković J, Wöhrl S, Yazıcıoglu M, Zidarn M, Pereira M, Rebelo-Gomes E, Pereira AM, Delgado L, Almeida Fonseca J. Allergy. 2020 Feb;75(2):436-441. 10.1111/all.13951

Drug-induced anaphylaxis: an update on epidemiology and risk factors.

Regateiro FS, Marques ML, Gomes ER. Int Arch Allergy Immunol. 2020;181(7):481-487.
10.1159/000507445

Fixed drug eruption on the tongue due to naproxen.

Ferreira C, Corrales T, Guilherme A. J Investig Allergol Clin Immunol 2020;30(5):358-359.
10.18176/jiaci.0502

Hipersensibilidade a corticosteroides – Uma revisão.

Alen Coutinho I, Pita J, Moura AL, Alves M, Loureiro C, Todo Bom A. Rev Port Imunoalergologia 2020; 28 (3): 149-160
10.32932/rpia.2020.09.039

Identifying SJS/TEN using ICD-9-

CM coding-Real or just fantasy?
L Carneiro-Leão, MJ Vasconcelos,
J Cernadas Allergol Int. 2020
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alit.2019.06.006

Insights into hypersensitivity reactions in dentistry.

Rama TA, Cernadas J. Porto Biomed J. 2020;5(6): e090.
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Kounis syndrome - Report of 4 cases.

Coutinho C, Neto M, Branco-Ferreira M, Viegas L, Pereira-Barbosa M. Arq Asma Alerg Imunol 2020;4(4):480-6
10.5935/2526-5393.20200071

Mycoplasma-induced rash and mucositis with toxic epidermal necrolysis-like progression.

Cerejeira A, Amoedo P, Carneiro-Leão L, Correia B, Silva S, Silva C, Pacheco J, Egipto P, Azevedo F, Lisboa C. Int J Dermatol. 2021 Feb;60(2):244-245. (PUBLICAÇÃO ONLINE EM 2020) 10.1111/ijd.15332.

Multiple Drug Hypersensitivity Syndrome to Antituberculosis Drugs: A Case Report.

Carneiro-Leão L, Gomes I, Freitas C, Costa E Silva M, Viseu R, Cernadas J. J Investig Allergol Clin Immunol. 2020;30(1):70-71.
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Skin tests and challenge-based drug allergy diagnosis: a retrospective study of patients with confirmed drug allergy.

Pereira AM, Couto M, Pereira M, Araujo L. Eur Ann Allergy Clin Immunol. 2020 Mar;52(2):74-83.
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Psychological profiles of patients with suspected drug allergy.

Dias de Castro E, Leblanc A, Barbosa J, Ribeiro L, Cernadas JR. Asia Pac Allergy. 2020 Oct 21;10(4):e39.
10.5415/apallergy.2020.10.e39.

Rapid desensitization to antineoplastic drugs in an outpatient immunoallergology clinic:

Outcomes and risk factors. Caiado J, Brás R, Paulino M, Costa L, Castells M. Ann Allergy Asthma Immunol. 2020 Sep;125(3):325-333.e1.
10.1016/j.anai.2020.04.017

ALERGIA VETERINÁRIA E COMPARADA

An investigation of cross-reactivity between the poultry red mite and house dust and storage mites in dogs with contact with chickens infested with red mites.

Martins LML, Ventura ACN, Brazis P, Cerrato S. Vet Dermatol 2020; Vol. 31(2), 167-169. 10.1111/vde.12816

Colostrum as the speed up key for ruminant newborn: what do we know and should further characterize.

Martins L, Oliveira L.
J Dairy Vet Anim Res 2020; Vol. 9(3):95-98.
10.15406/jdvar.2020.09.00286

ALERGÉNIOS E IMUNOTERAPIA

Allergic sensitization to storage dust mites: a prospective study of patients with respiratory allergy.

Marques ML, Rezende I, Cunha I, Gouveia J, Rodrigues Dos Santos F, Falcão I, Cunha L, Falcão H.
Eur Ann Allergy Clin Immunol. 2020 Nov 13. 10.23822/
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Subcutaneous immunotherapy with aeroallergens - Safety profile assessment.

Coutinho C, Lourenço T, Fernandes M, Neto M, Lopes A, Spínola Santos A, Pereira Barbosa M. Eur Ann Allergy Clin Immunol. 2021 Mar 16 (PUBLICAÇÃO ONLINE EM 2020) 10.23822/EurAnnACI.1764-1489.194

Pollen proteases play multiple roles in allergic disorders.

Gaspar R, de Matos MR, Cortes L, Nunes-Correia I, Todo-Bom A, Pires E, Veríssimo P.
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Subcutaneous immunotherapy with aeroallergens - Evaluation of adherence in real life.

Lourenco T, Fernandes M, Coutinho C, Lopes A, Spínola Santos A, Neto M, Pereira Barbosa M.
Eur Ann Allergy Clin Immunol. 2020 Mar;52(2):84-90.
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ANAFILAXIA E DOENÇAS IMUNOALÉRGICAS FATAIS

Abordagem diagnóstica e terapêutica das mastocitoses - Uma proposta de orientação clínica.

Rama TA, Moreira A, Delgado L.
Rev Port Imunoalergologia 2020; 28 (1): 31-49
10.32932/rpia.2020.03.030

Anafilaxia periparto recorrente como manifestação de mastocitose sistémica.

Moura AL, Regateiro F, Alen Coutinho I, Mota DS, Paiva A, Todo-Bom A, Faria E.
Rev Port Imunoalergologia 2020; 28 (4): 241-246 10.32932/rpia.2020.12.047

Anaphylaxis in an emergency department: a retrospective 10-year study in a tertiary hospital.

Alen Coutinho I, Ferreira D, Regateiro FS, Pita J, Ferreira M, Martins JF, Fonseca IA, Loureiro C, Todo-Bom A.
Eur Ann Allergy Clin Immunol 2020 Jan; 52 (1): 23-3
10.23822/EurAnnACI.1764-1489.98

Anaphylaxis: a decade of a nationwide allergy society registry.

Gaspar A, Santos N, Faria E, Camara R, Rodrigues Alves R, Carrapatoso I, Gomes E, Pereira AM, Carneiro Leão L, Morais Almeida M, Delgado L, Pedro E, Branco Ferreira M. J Investig Allergol Clin Immunol. 2020 Jul 30; 0.
10.18176/jiaci.0515

Characterization of the sensitization profile of bee venom allergic patients - Association with the severity of reaction?

Coutinho C, Pineda F, Castillo M, Pedro E, Pereira-Santos MC. Arq Asma Alerg Imunol 2020;4(4):464-70
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Cutaneous manifestations in pediatric mastocytosis.

Rama TA, Moreira A, Delgado L.
Acta Med Port. 2020 Jul-Aug;33(7-8):528-535.10.20344/amp.14056

Evolution of Api m10 specific IgE and IgG4 after one year of bee venom immunotherapy.

Pereira Santos MC, Lourenco T,
Pereira Barbosa M, Branco Ferreira M. Eur Ann Allergy Clin Immunol.
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10.23822/
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ASMA

Adesão à terapêutica na asma.

Martins M, Cardoso B, Farinha S,
Reis R, Tomaz E, Inácio F.
Rev Port Imunoalergologia 2020; 28
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ARIA-EAACI statement on Asthma and COVID-19 (June 2, 2020).

Bousquet J, Jutel M, Akdis CA,
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IJ, Anto JM, Bachert C, Bateman ED,
Bennoor KS, Berghea EC, Bergmann
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Gemicioglu B, Gotua M, Haahtela T,
Halpin D, Hamelmann E, Hoffmann-
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GL, Panzner P, Papadopoulos NG,
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J, Schwarze J, Sheikh A, Scichilone
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M, Sova M, Nicola S, Stelmach R,
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To T, Tomazic PV, Toppila-Salmi S,
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Ventura MT, Viegi G, Vontetsianos
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Yorgancioglu A, Zernotti M, Zidarn
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Allergy. 2021 Mar;76(3):689-697.
(PUBLICAÇÃO ONLINE EM 2020)
10.1111/all.14471

Asma e COVID-19: Atualização.

Carvalho JC, Coutinho IA, Nunes I,
Moura AL, Regateiro FS.
Rev Port Imunoalergologia.2020, 28
(2), 97-109
10.32932/rpia.2020.06.034

Association between the density and type of trees around urban schools and exhaled nitric oxide levels in schoolchildren.

Paciência I, Cavaleiro Rufo J, Ribeiro AI, Mendes FC, Farraia M, Silva D, Delgado L, Moreira A.
Eur Ann Allergy Clin Immunol. 2021 Jan;53(1):29-36. (PUBLICAÇÃO ONLINE EM 2020) 10.23822/EurAnnACI.1764-1489.162.

Asthma and COPD “overlap”: a treatable trait or common several treatable-trait?

Gaspar Marques J, Lobato M, Leiria-Pinto P, Neuparth N, Carreiro Martins P.
Eur Ann Allergy Clin Immunol., 2020;52(4): 148-159.
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Asthma management with breath-triggered inhalers: innovation through design.

Morais-Almeida M, Pité H, Cardoso J, Costa R, Cordeiro CR, Silva E, Todo-Bom A, Vicente C, Marques JA.

Asthma Res Pract. 2020 Jun 6; 6:4
10.1186/s40733-020-00057-7

Asthma app use and interest among patients with asthma: a multicenter study.

Jácome C, Almeida R, Pereira AM, Araújo L, Correia MA, Pereira M, Couto M, Lopes C, Chaves Loureiro C, Catarata MJ, Santos LM, Ramos B, Mendes A, Pedro E, Cidrais Rodrigues JC, Oliveira G, Aguiar AP, Arrobas AM, Costa J, Dias J, Todo Bom A, Azevedo J, Ribeiro C, Alves M, Pinto PL, Neuparth N, Palhinha A, Marques JG, Martins P, Trincão D, Neves A, Todo Bom F, Santos MA, Branco J, Loyoza C, Costa A, Silva Neto A, Silva D, Vasconcelos MJ, Teixeira MF, Ferreira-Magalhães M, Taborda Barata L, Carvalhal C, Santos N, Pinto CS, Rodrigues Alves R, Moreira AS, Morais Silva P, Fernandes R, Ferreira R, Alves C, Câmara R, Ferraz de Oliveira J, Bordalo D, Calix MJ, Marques A, Nunes C, Menezes F, Gomes R, Almeida Fonseca J; INSPIRERS group.J Investig Allergol Clin Immunol 2020; Vol 30(2) : 137-140
10.18176/jiaci.0456

Bronchodilator responsiveness in healthy children: Insights from a cross-sectional study. Rama TA, Martins C, Paciência I, Cavaleiro Rufo J, Silva D, Castro Mendes F, Severo M, Padrão P, Moreira P, Delgado L, Moreira A. Pediatr Allergy Immunol. 2021 Feb;32(2):371-373. (PUBLICAÇÃO ONLINE EM 2020) 10.1111/pai.13326.

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