

**Author of the habilitation thesis: Ioana Agache**

**Title of the habilitation thesis: *Adult and pediatric asthma and related co-morbidities – from research to clinical practice and purposeful education***

**Domain: Medicine**

## PUBLICATION LIST

### I. RELEVANT PUBLICATIONS

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1. **Agache I**, Ciobanu C, Agache C, Anghel M. Increased serum IL-17 is an independent risk factor for severe asthma. *Respir Med.* 2010;104(8):1131-7
2. **Agache I**, Akdis C, Jutel M, Virchow JC. Untangling asthma phenotypes and endotypes. *Allergy.* 2012;67(7):835-46
3. **Agache I**, Ryan D, Rodriguez MR, Yusuf O, Angier E, Jutel M. Allergy management in primary care across European countries - actual status. *Allergy.* 2013; 68(7): 836-43
4. Muraro A\*, **Agache I\***, Clark A\*, Sheikh A, Roberts G, Akdis CA, et al; European Academy of Allergy and Clinical Immunology (EAACI) food allergy and anaphylaxis guidelines: managing patients with food allergy in the community. *Allergy.* 2014;69(8):1046-57
5. **Agache I**, Sugita K, Morita H, Akdis M, Akdis CA. The Complex Type 2 Endotype in Allergy and Asthma: From Laboratory to Bedside. *Curr Allergy Asthma Rep.* 2015;15(6):29
6. **Agache I**, Bilò M, Braunstahl GJ, Delgado L, Demoly P, Eigenmann P, Gevaert P, Gomes E, Hellings P, Horak F, Muraro A, Werfel T, Jutel M. In vivo diagnosis of allergic diseases-allergen provocation tests. *Allergy.* 2015;70(4):355-65,
7. Muraro A, Lemanske RF, Hellings PW, Akdis CA, Bieber T, Casale TB, Jutel M, Ong PY, Poulsen LK, Schmid-Grendelmeier P, Simon HU, Seys SF, **Agache I**. Precision medicine in patients with allergic diseases: airway diseases and atopic dermatitis—PRACTALL document of the European Academy of Allergy and Clinical Immunology and the American Academy of Allergy, Asthma & Immunology. *J Allergy Clin Immunol.* 2016;137(5):1347-58
8. **Agache I**, Akdis CA. Endotypes of allergic diseases and asthma: An important step in building blocks for the future of precision medicine. *Allergol Int.* 2016; 65(3):243-52
9. **Agache I**, Strasser DS, Klenk A, Agache C, Farine H, Ciobanu C, Groenen PM, Akdis CA. Serum IL-5 and IL-13 consistently serve as the best predictors for the blood eosinophilia phenotype in adult asthmatics. *Allergy.* 2016;71(8):1192-202

### II. DOCTORAL THESIS

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3 Years Evolution in Patients with Acute Coronary Syndromes and *Chlamydia Pneumoniae* Infection - 2005

### III. PATENTS

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## IV. BOOKS / BOOK CHAPTERS

### A. BOOKS

Title	Year of publication	Position
1. Gheorghiță Emanuil, Brumaru Ioana, <i>Imunologie</i> . Vol I, 1998, Reprografia Universității "Transilvania" Brașov, 105 pag Gheorghiță Emanuil, Brumaru Ioana, <i>Immunology</i> . Vol I, 1998, Reprography of Transylvania University of Brasov, 105 pag	1998	co-author
2. Mariana Rădoi, Ioana Agache, T. Alexandru, <i>Pneumologie</i> Vol I, 1999, Reprografia Universității "Transilvania" Brașov, 200 pag Mariana Rădoi, Ioana Agache, T. Alexandru, <i>Pneumology</i> Vol I, 1999, Reprography of Transylvania University of Brasov, 200 pag	1999	co-author
3. Mariana Rădoi, Ioana Agache, Diana Țîntă, <i>Patologia Trombotică. Date actuale</i> , 2007, Editura Lux Libris, Brașov, 209 pag Mariana Rădoi, Ioana Agache, Diana Țîntă, <i>Thrombotic pathology. Update</i> , 2007, Lux Libris Publisher, Brasov, 209 pag	2007	co-author
4. Agache Ioana, <i>Astmul - de la noi mecanisme patogenice până la noi metode de terapie</i> , 2008, Editura Lux Libris, Brașov Agache Ioana, <i>Asthma from new pathogenetic mechanisms to new methods of therapeutic intervention</i> , 2008, Lux Libris Publisher, Brasov	2008	unique author
5. Akdis, CA, Agache I, <i>Global Atlas of Asthma</i> , 2013, European Academy of Allergy and Clinical Immunology <a href="http://www.eaaci.org/GlobalAtlas/Global_Atlas_of_Asthma.pdf">http://www.eaaci.org/GlobalAtlas/Global_Atlas_of_Asthma.pdf</a>	2013	co-author chief editor
6. Akdis, CA, Agache I, <i>Global Atlas of Allergy</i> , 2014, European Academy of Allergy and Clinical Immunology <a href="http://www.eaaci.org/GlobalAtlas/GlobalAtlasAllergy.pdf">http://www.eaaci.org/GlobalAtlas/GlobalAtlasAllergy.pdf</a>	2014	co-author chief editor
7. Akdis, CA, Hellings, P, Agache I, <i>Global Atlas of Allergic Rhinitis and Chronic Rhinosinusitis</i> , 2015, European Academy of Allergy and Clinical Immunology <a href="http://www.eaaci.org/resources/3343-global-atlas-of-allergic-rhinitis-and-chronic-rhinosinusitis.html">http://www.eaaci.org/resources/3343-global-atlas-of-allergic-rhinitis-and-chronic-rhinosinusitis.html</a>	2015	co-author chief editor
8. Agache I, Helling P. <i>Implementing Precision Medicine In Best Practices Of Chronic Airway Disease</i> due to be published by Elsevier in November 2017	2017	co-author chief editor

### B. Book chapters

Title	Year of publication	Position
1. Agache Ioana, Rădoi Mariana - <i>Boli pulmonare interstitionale</i> în „Pneumologie Clinică” sub redacția M. Rădoi, Vol. I, 1999, Editura Concordia, pg. 139-200 Agache Ioana, Rădoi Mariana – <i>Interstitial lung diseases</i> in „Clinical Pneumology” coordinated by M. Rădoi, Vol. I, 1999, Concordia publisher, pg. 139-200	1999	co-author
2. Rădoi Mariana, Agache Ioana, <i>Astmul</i> în „Pneumologie Clinică” sub redacția M. Rădoi, Vol. I, 1999, Editura Concordia, pg. 75-138 Rădoi Mariana, Agache Ioana, <i>Asthma</i> in „Clinical Pneumology” coordinated by M. Rădoi, Vol. I, 1999, Concordia publisher, pg. 75-138	1999	co-author
3. Rădoi Mariana, Agache Ioana, <i>Reacția inflamatorie în ateroscleroză – date actuale</i> , în „Progrese în cardiologie” sub redacția L. Gherasim, 2002, Editura Infomedica, pg. 337-399 Rădoi Mariana, Agache Ioana, <i>Inflammation in atherosclerosis – update</i> , in	2002	co-author

„Progress in cardiology” coordinated by L. Gherasim, 2002, Infomedica publisher, pg. 337-399

## C. Other books

Title	Year of publication	Position
1. EAACI Food Allergy and Anaphylaxis Guidelines, 2014,	2014	co-author member in the Editorial Board

## V. Papers in journals

### V.1. ISI papers, with IF, as main author:

Paper	Year of publication	Citations according to Google academic (Web of Science - all databases)
1. <b>Agache I</b> , Duca L, Anghel M, Pamfil G. <i>Antinuclear antibodies in asthma patients-a special asthma phenotype?</i> Iran J Allergy Asthma Immunol. 2009;8(1):49-52. <b>FI: 0,0968</b> , <a href="http://ijaa.tums.ac.ir/index.php/ijaa/article/view/233">http://ijaa.tums.ac.ir/index.php/ijaa/article/view/233</a>	2009	3
2. <b>Agache I</b> , Ciobanu C, Agache C, Anghel M. <i>Increased serum IL-17 is an independent risk factor for severe asthma.</i> Respir Med. 2010;104(8):1131-7. <b>FI: 2,525</b> <a href="http://www.resmedjournal.com/article/S0954-6111(10)00088-0/abstract">http://www.resmedjournal.com/article/S0954-6111(10)00088-0/abstract</a>	2010	132 (92)
3. <b>Agache I</b> , Ciobanu C. <i>Risk factors and asthma phenotypes in children and adults with seasonal allergic rhinitis.</i> Phys Sportsmed. 2010;38(4):81-6. <b>FI: 1,489</b> <a href="https://www.ncbi.nlm.nih.gov/pubmed/21150146">https://www.ncbi.nlm.nih.gov/pubmed/21150146</a>	2010	5 (3)
4. <b>Agache I</b> , Akdis C, Jutel M, Virchow JC. <i>Untangling asthma phenotypes and endotypes.</i> Allergy. 2012;67(7):835-46 <b>FI: 5,83</b> <a href="http://onlinelibrary.wiley.com/doi/10.1111/j.1398-9995.2012.02832.x/pdf">http://onlinelibrary.wiley.com/doi/10.1111/j.1398-9995.2012.02832.x/pdf</a>	2012	176 (92)
5. <b>Agache I</b> , Ciobanu C. <i>Predictive value of lung function trend and FeNO for difficult asthma in children.</i> J Investig Allergol Clin Immunol. 2012;22(6):419-26 <b>FI: 1,887</b> <a href="http://www.jiaci.org/summary/vol22-issue6-num915">http://www.jiaci.org/summary/vol22-issue6-num915</a>	2012	7 (7)
6. <b>Agache IO</b> . <i>From phenotypes to endotypes in asthma treatment.</i> Curr Opin Allergy Clin Immunol. 2013;13(3):249-56 <b>FI: 3,659</b> <a href="http://journals.lww.com/co-allergy/toc/2013/06000">http://journals.lww.com/co-allergy/toc/2013/06000</a>	2013	30 (18)
7. <b>Agache I</b> , Ryan D, Rodriguez MR, Yusuf O, Angier E, Jutel M. <i>Allergy management in primary care across European countries - actual status.</i> Allergy. 2013; 68(7): 836-43 <b>FI: 5,995</b> <a href="http://onlinelibrary.wiley.com/doi/10.1111/all.12150/pdf">http://onlinelibrary.wiley.com/doi/10.1111/all.12150/pdf</a>	2013	17 (11)
8. Jutel M, Angier L, Palkonen S, Ryan D, Sheikh A, Smith H, Valovirta E, Yusuf O, van Wijk RG, <b>Agache I</b> . <i>Improving allergy management in the primary care network-a holistic approach.</i> Allergy. 2013; 68(11):1362-9. <b>FI: 5,995</b> <a href="http://onlinelibrary.wiley.com/doi/10.1111/all.12258/pdf">http://onlinelibrary.wiley.com/doi/10.1111/all.12258/pdf</a>	2013	12 (11)
9. Muraro A*, <b>Agache I*</b> , Clark A*, Sheikh A, Roberts G, Akdis CA, et al; European Academy of Allergy and Clinical Immunology (EAACI) food allergy and anaphylaxis guidelines: managing patients with food allergy in the community. Allergy. 2014;69(8):1046-57 <b>FI: 6,028; *Joint first co-authorship</b> <a href="http://onlinelibrary.wiley.com/doi/10.1111/all.12441/full">http://onlinelibrary.wiley.com/doi/10.1111/all.12441/full</a>	2014	28

Paper	Year of publication	Citations according to Google academic (Web of Science – all databases)
10. Jutel M, Papadopoulos NG, Gronlund H, Hoffman HJ, Bohle B, Hellings P, Braunstahl GJ, Muraro A, Schmid-Grendelmeier P, Zuberbier T, <b>Agache I</b> . <i>Recommendations for the allergy management in the primary care</i> . Allergy. 2014;69(6):708-18, <b>FI: 6,028</b> <a href="http://onlinelibrary.wiley.com/doi/10.1111/all.12382/full">http://onlinelibrary.wiley.com/doi/10.1111/all.12382/full</a>	2014	5
11. <b>Agache I</b> , Sugita K, Morita H, Akdis M, Akdis CA. <i>The Complex Type 2 Endotype in Allergy and Asthma: From Laboratory to Bedside</i> . Curr Allergy Asthma Rep. 2015;15(6):29, DOI: 10.1007/s11882-015-0529-x, <b>FI: 3,127</b> <a href="http://link.springer.com/article/10.1007/s11882-015-0529-x">http://link.springer.com/article/10.1007/s11882-015-0529-x</a>	2015	20 (15)
12. <b>Agache I</b> , Bilo M, Braunstahl GJ, Delgado L, Demoly P, Eigenmann P, Gevaert P, Gomes E, Hellings P, Horak F, Muraro A, Werfel T, Jutel M. <i>In vivo diagnosis of allergic diseases-allergen provocation tests</i> . Allergy. 2015;70(4):355-65, <b>FI: 6,335</b> <a href="http://onlinelibrary.wiley.com/doi/10.1111/all.12586/full">http://onlinelibrary.wiley.com/doi/10.1111/all.12586/full</a>	2015	14 (10)
13. <b>Agache I</b> , Akdis CA. <i>Endotypes of allergic diseases and asthma: An important step in building blocks for the future of precision medicine</i> . Allergol Int. 2016; 65(3):243-52. <b>FI: 2,355</b> <a href="http://www.sciencedirect.com/science/article/pii/S132389301630048X">http://www.sciencedirect.com/science/article/pii/S132389301630048X</a>	2016	(5)
14. <b>Agache I</b> , Strasser DS, Klenk A, Agache C, Farine H, Ciobanu C, Groenen PM, Akdis CA. <i>Serum IL-5 and IL-13 consistently serve as the best predictors for the blood eosinophilia phenotype in adult asthmatics</i> . Allergy. 2016;71(8):1192-202, <b>FI: 6,335</b> <a href="http://onlinelibrary.wiley.com/wol1/doi/10.1111/all.12906/full">http://onlinelibrary.wiley.com/wol1/doi/10.1111/all.12906/full</a>	2016	1
15. Muraro A, Lemanske RF, Hellings PW, Akdis CA, Bieber T, Casale TB, Jutel M, Ong PY, Poulsen LK, Schmid-Grendelmeier P, Simon HU, Seys SF, <b>Agache I</b> . <i>Precision medicine in patients with allergic diseases: airway diseases and atopic dermatitis—PRACTALL document of the European Academy of Allergy and Clinical Immunology and the American Academy of Allergy, Asthma &amp; Immunology</i> . J Allergy Clin Immunol. 2016;137(5):1347-58 <b>FI: 12,485</b> <a href="http://www.jacionline.org/article/S0091-6749(16)00456-5/fulltext">http://www.jacionline.org/article/S0091-6749(16)00456-5/fulltext</a>	2016	14 (7)

## V.2. ISI Papers, with FI, as co-author:

Paper	Year of publication	Citations according to Google academic (Web of Science – all databases)
1. Bousquet J, Khaltaev N, Cruz AA, Denburg J, Fokkens WJ, Togias A, Zuberbier T, Baena-Cagnani CE, Canonica GW, van Weel C, <b>Agache I</b> , et al. <i>Allergic Rhinitis and its Impact on Asthma (ARIA) 2008 update (in collaboration with the World Health Organization, GA(2)LEN and AllerGen)</i> . Allergy. 2008;63 Suppl 86:8-160 <b>FI: 6,204</b> <a href="http://www.whiar.org/docs/ARIA_WR_08_View_WM.pdf">http://www.whiar.org/docs/ARIA_WR_08_View_WM.pdf</a>	2008	7031 (1809)
2. Fantin S, Maspero J, Bisbal C, <b>Agache I</b> , Donado E, Borja J, Mola O, Izquierdo I; international Rupatadine study group. <i>A 12-week placebo-controlled study of rupatadine 10 mg once daily compared with cetirizine 10 mg once daily, in the treatment of persistent allergic rhinitis</i> . Allergy. 2008;63(7):924-31 <b>FI:6,204</b> <a href="http://onlinelibrary.wiley.com/doi/10.1111/j.1398-9995.2008.01668.x/full">http://onlinelibrary.wiley.com/doi/10.1111/j.1398-9995.2008.01668.x/full</a>	2008	46 (34)
3. Kuna P, Bachert C, Nowacki Z, van Cauwenberge P, <b>Agache I</b> , Fouquet L, Roger A, Sologuren A, Valiente R; Bilastine International Working Group. <i>Efficacy and safety of bilastine 20 mg compared with cetirizine 10 mg and placebo for the symptomatic treatment of seasonal allergic rhinitis: a randomized, double-blind, parallel-group study</i> . Clin Exp Allergy. 2009;39(9):1338-47 <b>FI: 4,084</b> <a href="http://onlinelibrary.wiley.com/wol1/doi/10.1111/j.1365-2222.2009.03257.x/full">http://onlinelibrary.wiley.com/wol1/doi/10.1111/j.1365-2222.2009.03257.x/full</a>	2009	61 (47)

4. Bousquet J; Khaltaev N; Cruz AA; Denburg J; Fokkens W; Togias A; Zuberbier T; Baena-Cagnani C; Canonica GW; van Weel C; **Agache I**; Ait-Khaled N; Bachert C; Blaiss M; Bonini S; Boulet LP; Bousquet PJ; Camargos P; Carlsen KH; Custovic A; Chen Y; Dahl R; Demoly P; Douagui H; Durham S; van Wijk RG; Kalayci O; Kaliner M; Kim YY; Kowalski ML; Kuna P; Lemiere C; Lan LTT; Li J; Lockey R; Mavale S; Meltzer EO; Mohammad Y; Mullol J; Naclerio R; OHehir R; Ohta K; Ouedraogo S; Palkonen S; Papadopoulos N; Passalacqua G; Pawankar R; Popov T; Rabe K; Rosado-Pinto J; Scadding G; Simons FER; Toskala E; Valovirta E; van Cauwenberge P; Wang DY; Wickman M; Yawn B; Yorgancioglu A; Yusuf O; Zar H, *ARIA update 2008: Allergic rhinitis and its effect on asthma*, Allergologie, 2009, 32(8), 306-319 **FI: 0,120** <http://discovery.ucl.ac.uk/1305640/>
5. Bousquet J, Schünemann HJ, Zuberbier T, Bachert C, Baena-Cagnani CE, Bousquet PJ, Brozek J, Canonica GW, Casale TB, Demoly P, Gerth van Wijk R, Ohta K, Bateman ED, Calderon M, Cruz AA, Dolen WK, Haughney J, Lockey RF, Lötvall J, O'Byrne P, Spranger O, Togias A, Bonini S, Boulet LP, Camargos P, Carlsen KH, Chavannes NH, Delgado L, Durham SR, Fokkens WJ, Fonseca J, Haahtela T, Kalayci O, Kowalski ML, Larenas-Linnemann D, Li J, Mohammad Y, Mullol J, Naclerio R, O'Hehir RE, Papadopoulos N, Passalacqua G, Rabe KF, Pawankar R, Ryan D, Samolinski B, Simons FE, Valovirta E, Yorgancioglu A, Yusuf OM, **Agache I**, et al, WHO Collaborating Center of Asthma and Rhinitis (Montpellier). *Development and implementation of guidelines in allergic rhinitis – an ARIA-GA2LEN paper*. Allergy. 2010; 65(10):1212-21. **FI: 6,297** <http://onlinelibrary.wiley.com/doi/10.1111/j.1398-9995.2010.02439.x/full>
6. Papadopoulos NG, Christodoulou I, Rohde G, **Agache I**, Almqvist C, Bruno A, et al. *Viruses and bacteria in acute asthma exacerbations-a GA<sup>2</sup>LEN-DARE systematic review*. Allergy 2011;66(4):458-68. **FI: 6,271** <http://onlinelibrary.wiley.com/doi/10.1111/j.1398-9995.2010.02505.x/full>
7. Bousquet J, Schünemann HJ, Samolinski B, Demoly P, Baena-Cagnani CE, Bachert C, Bonini S, Boulet LP, Bousquet PJ, Brozek JL, Canonica GW, Casale TB, Cruz AA, Fokkens WJ, Fonseca JA, van Wijk RG, Grouse L, Haahtela T, Khaltaev N, Kuna P, Lockey RF, Lodrup Carlsen KC, Mullol J, Naclerio R, O'Hehir RE, Ohta K, Palkonen S, Papadopoulos NG, Passalacqua G, Pawankar R, Price D, Ryan D, Simons FE, Togias A, Williams D, Yorgancioglu A, Yusuf OM, Aberer W, Adachi M, **Agache I**, et al; World Health Organization Collaborating Center for Asthma and Rhinitis. *Allergic Rhinitis and its Impact on Asthma (ARIA): achievements in 10 years and future needs*. J Allergy Clin Immunol. 2012;130(5):1049-62 **FI: 12,047** [http://www.jacionline.org/article/S0091-6749\(12\)01306-1/fulltext](http://www.jacionline.org/article/S0091-6749(12)01306-1/fulltext)
8. Bousquet J, Anto JM, Demoly P, Schünemann HJ, Togias A, Akdis M, Auffray C, Bachert C, Bieber T, Bousquet PJ, Carlsen KH, Casale TB, Cruz AA, Keil T, Lodrup Carlsen KC, Maurer M, Ohta K, Papadopoulos NG, Roman Rodriguez M, Samolinski B, **Agache I**, et al. WHO Collaborating Center for Asthma and Rhinitis, *Severe chronic allergic (and related) diseases: a uniform approach-a MeDALL--GA2LEN--ARIA position paper*. Int Arch Allergy Immunol. 2012;158(3):216-31. **FI: 2,677** <http://www.karger.com/Journal/Issue/256844>
9. Moreira A, Bonini M, Garcia-Larsen V, Bonini S, Del Giacco SR, **Agache I**, Fonseca J, Papadopoulos NG, Carlsen KH, Delgado L, Haahtela T. *Weight loss interventions in asthma: EAACI evidence-based clinical practice guideline (part I)*. Allergy. 2013; 68(4):425-39. **FI: 5,995** <http://onlinelibrary.wiley.com/doi/10.1111/all.12106/pdf>
10. Jutel M, Van de Veen W, **Agache I**, Azkur KA, Akdis M, Akdis CA. *Mechanisms of allergen-specific immunotherapy and novel ways for vaccine development*. Allergol Int. 2013;62(4):425-33. **FI: 2,355** <http://www.sciencedirect.com/science/article/pii/S1323893015301611>
11. Bousquet J, Addis A, Adecock I, **Agache I**, et al. (European Innovation Partnership on Active and Healthy Ageing, Action Plan B3; Mechanisms of the Development of Allergy, WP 10; Global Alliance against Chronic Respiratory Diseases), *Integrated care pathways for airway diseases (AIRWAYS-ICPs)*. Eur Respir J. 2014;44(2):304-23

	<b>FI: 7,636</b> <a href="https://ec.europa.eu/eip/ageing/sites/eipaha/files/results_attachments/erj-00146-2014_erj44-2-press.pdf">https://ec.europa.eu/eip/ageing/sites/eipaha/files/results_attachments/erj-00146-2014_erj44-2-press.pdf</a>	
12.	de Silva D, Geromi M, Halken S, Host A, Panesar SS, Muraro A, Werfel T, Hoffmann-Sommergruber K, Roberts G, Cardona V, Dubois AE, Poulsen LK, Van Ree R, Vlieg-Boerstra B, <b>Agache I</b> , Grimshaw K, O'Mahony L, Venter C, Arshad SH, Sheikh A; EAACI Food Allergy and Anaphylaxis Guidelines Group. <i>Primary prevention of food allergy in children and adults: systematic review</i> . Allergy. 2014; 69(5):581-9 <b>FI: 6,028</b> <a href="http://onlinelibrary.wiley.com/doi/10.1111/all.12334/full">http://onlinelibrary.wiley.com/doi/10.1111/all.12334/full</a>	2014 82 (52)
13.	de Silva D, Geromi M, Panesar SS, Muraro A, Werfel T, Hoffmann-Sommergruber K, Roberts G, Cardona V, Dubois AE, Halken S, Host A, Poulsen LK, Van Ree R, Vlieg-Boerstra BJ, <b>Agache I</b> , Sheikh A; EAACI Food Allergy and Anaphylaxis Guidelines Group. <i>Acute and long-term management of food allergy: systematic review</i> . Allergy. 2014;69(2):159-67. <b>FI: 6,028</b> <a href="http://onlinelibrary.wiley.com/doi/10.1111/all.12314/full">http://onlinelibrary.wiley.com/doi/10.1111/all.12314/full</a>	2014 34 (20)
14.	Bousquet J, Schunemann HJ, Fonseca J, Samolinski B, Bachert C, Canonica GW, Casale T, Cruz AA, Demoly P, Hellings P, Valiulis A, Wickman M, Zuberbier T, Bosnic-Anticevitch S, Bedbrook A, Bergmann KC, Caimmi D, Dahl R, Fokkens WJ, Grisile I, Lodrup Carlsen K, Mullol J, Muraro A, Palkonen S, Papadopoulos N, Passalacqua G, Ryan D, Valovirta E, Yorgancioglu A, Aberer W, <b>Agache I</b> , et al. <i>MACVIA-ARIA Sentinel NetworK for allergic rhinitis (MASK-rhinitis): the new generation guideline implementation</i> . Allergy. 2015; 70(11):1372-92. <b>FI: 6,335</b> <a href="http://onlinelibrary.wiley.com/doi/10.1111/all.12686/full">http://onlinelibrary.wiley.com/doi/10.1111/all.12686/full</a>	2015 35 (19)
15.	Fleischer DM, Sicherer S, Greenhawt M, Campbell D, Chan E, Muraro A, Halken S, Katz Y, Ebisawa M, Eichenfield L, Sampson H, Lack G, Du Toit G, Roberts G, Bahnsen H, Feeney M, Hourihane J, Spergel J, Young M, As'aad A, Allen K, Prescott S, Kapur S, Saito H, <b>Agache I</b> , Akdis CA, Arshad H, Beyer K, Dubois A, Eigenmann P, Fernandez-Rivas M, Grimshaw K, Hoffman-Sommergruber K, Host A, Lau S, O'Mahony L, Mills C, Papadopoulos N, Venter C, Agmon-Levin N, Kessel A, Antaya R, Drolet B, Rosenwasser L. <i>Consensus communication on early peanut introduction and the prevention of peanut allergy in high-risk infants</i> . <ul style="list-style-type: none"> <li>• J Allergy Clin Immunol. 2015;136 (2): 258-61 <b>FI: 12,485</b> <a href="http://www.jacionline.org/article/S0091-6749(15)00785-X/fulltext">http://www.jacionline.org/article/S0091-6749(15)00785-X/fulltext</a></li> <li>• Pediatrics, 2015, 136(3), 600-604, <b>FI: 5,196</b> <a href="http://pediatrics.aappublications.org/content/136/3/600">http://pediatrics.aappublications.org/content/136/3/600</a></li> <li>• Pediatric Dermatology, 2015, 33(1), 102-105 <b>FI: 1,163</b></li> <li>• Allergy. 2015 Oct;70(10):1193-5 <a href="http://onlinelibrary.wiley.com/woll/doi/10.1111/all.12687/full">http://onlinelibrary.wiley.com/woll/doi/10.1111/all.12687/full</a></li> </ul>	2015 70 (36) (6) (6) (5)
16.	Jutel M, <b>Agache I</b> , Bonini S, Burks AW, Calderon M, Canonica W, Cox L, Demoly P, Frew AJ, O'Hehir R, Kleine-Tebbe J, Muraro A, Lack G, Larenas D, Levin M, Nelson H, Pawankar R, Pfaar O, van Ree R, Sampson H, Santos AF, Du Toit G, Werfel T, Gerth van Wijk R, Zhang L, Akdis CA. <i>International consensus on allergy immunotherapy</i> . J Allergy Clin Immunol. 2015;136(3):556-68 <b>FI: 12,485</b> <a href="http://www.jacionline.org/article/S0091-6749(15)00775-7/fulltext">http://www.jacionline.org/article/S0091-6749(15)00775-7/fulltext</a>	2015 95 (50)
17.	Garcia-Larsen V, Del Giacco SR, Moreira A, Bonini M, Charles D, Reeves T, Carlsen KH, Haahtela T, Bonini S, Fonseca J, <b>Agache I</b> , Papadopoulos NG, Delgado L. <i>Asthma and dietary intake: an overview of systematic reviews</i> . Allergy 2016; 71(4):433-42. <b>FI: 6,335</b> <a href="http://onlinelibrary.wiley.com/doi/10.1111/all.12800/full">http://onlinelibrary.wiley.com/doi/10.1111/all.12800/full</a>	2016 5 (1)
18.	Garcia-Larsen V, Del Giacco SR, Moreira A, Bonini M, Haahtela T, Bonini S, Carlsen KH, <b>Agache I</b> , Fonseca J, Papadopoulos NG, Delgado L. <i>Dietary intake and risk of asthma in children and adults: protocol for a systematic review and meta-analysis</i> . Clin Transl Allergy. 2016;6:17 <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4848851/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4848851/</a>	2016

19.	Harris JM, Maciuca R, Bradley MS, Cabanski CR, Scheerens H, Lim J, Cai F, Kishnani M, Liao XC, Samineni D, Zhu R, Cochran C, Soong W, Diaz JD, Perin P, Tsukayama M, Dimov D, <b>Agache I</b> , Kelsen SG. <i>A randomized trial of the efficacy and safety of quilizumab in adults with inadequately controlled allergic asthma. A randomized trial of the efficacy and safety of quilizumab in adults with inadequately controlled allergic asthma.</i> Respir Res. 2016; 17:29. <b>FI: 3,751</b> <a href="https://respiratory-research.biomedcentral.com/articles/10.1186/s12931-016-0347-2">https://respiratory-research.biomedcentral.com/articles/10.1186/s12931-016-0347-2</a>	2016	8 (2)
20.	Jutel M, <b>Agache I</b> , Bonini S, Burks AW, Calderon M, Canonica W, Cox L, Demoly P, Frew AJ, O'Hehir R, Kleine-Tebbe J, Muraro A, Lack G, Larenas D, Levin M, Martin BL, Nelson H, Pawankar R, Pfaar O, van Ree R, Sampson H, Sublett JL, Sugita K, Du Toit G, Werfel T, Gerth van Wijk R, Zhang L, Akdis M, Akdis CA. <i>International Consensus on Allergen Immunotherapy II: Mechanisms, standardization, and pharmacoeconomics.</i> J Allergy Clin Immunol. 2016; 137(2): 358-68 <b>FI: 12,485</b> <a href="http://www.jacionline.org/article/S0091-6749(15)03114-0/fulltext">http://www.jacionline.org/article/S0091-6749(15)03114-0/fulltext</a>	2016	19 (6)
21.	Klimek L, Bachert C, Stjarne, P, Dollner, R, Larsen P, Haahr P, <b>Agache I</b> , Scadding G, Price D - <i>MP-AzeFlu provides rapid and effective allergic rhinitis control in real life: A pan-European study,</i> Allergy Asthma Proc. 2016;37(5):376-86, <b>FI: 2,709</b> <a href="https://www.ncbi.nlm.nih.gov/pubmed/27657521">https://www.ncbi.nlm.nih.gov/pubmed/27657521</a>	2016	1
22.	Matricardi PM, Kleine-Tebbe J, Hoffmann HJ, Valenta R, Hilger C, Hofmaier S, Aalberse RC, <b>Agache I</b> , et al. <i>EAACI Molecular Allergology User's Guide.</i> Pediatr Allergy Immunol. 2016;27 Suppl 23:1-250 <b>FI: 3,947</b> <a href="http://onlinelibrary.wiley.com/doi/10.1111/pai.12563/full">http://onlinelibrary.wiley.com/doi/10.1111/pai.12563/full</a>	2016	12 (7)
23.	Bousquet J, Bewick M, Cano A, Eklund P, Fico G, Goswami N, Guldemond NA, Henderson D, Hinkema MJ, Liotta G, Mair A, Molloy W, Monaco A, Monsonis-Paya I, Nizinska A, Papadopoulos H, Pavlickova A, Pecorelli S, Prados-Torres A, Roller-Wirnsberger RE, Somekh D, Vera-Muñoz C, Visser F, Farrell J, Malva J, Andersen Ranberg K, Camuzat T, Carriazo AM, Crooks G, Gutter Z, Iaccarino G, Manuel de Keenoy E, Moda G, Rodriguez-Mañas L, Vontetsianos T, Abreu C, Alonso J, Alonso-Bouzon C, Ankri J, Arredondo MT, Avolio F, Bedbrook A, Białoszewski AZ, Blain H, Bourret R, Cabrera-Umpierrez MF, Catala A, O'Caoimh R, Cesari M, Chavannes NH, Correia-da-Sousa J, Dedeu T, Ferrando M, Ferri M, Fokkens WJ, Garcia-Lizana F, Guérin O, Hellings PW, Haahtela T, Illario M, Inzerilli MC, Lodrup Carlsen KC, Kardas P, Keil T, Maggio M, Mendez-Zorrilla A, Mendifit E, Mercier J, Michel JP, Murray R, Nogues M, O'Byrne-Maguire I, Pappa D, Parent AS, Pastorino M, Robalo-Cordeiro C, Samolinski B, Siciliano P, Teixeira AM, Tsartara SI, Valiulis A, Vandenplas O, Vasankari T, Vellas B, Vollenbroek-Hutten M, Wickman M, Yorgancioglu A, Zuberbier T, Barbagallo M, Canonica GW, Klimek L, Maggi S, Aberer W, Akdis C, Adcock IM, <b>Agache I</b> , et al. <i>Building Bridges for Innovation in Ageing: Synergies between Action Groups of the EIP on AHA.</i> J Nutr Health Aging. 2017;21(1):92-104. <b>FI: 3,199</b> <a href="http://link.springer.com/article/10.1007/s12603-016-0803-1">http://link.springer.com/article/10.1007/s12603-016-0803-1</a>	2017	

### V.3. Papers indexed in IDB:

Paper	Year of publication	Citations according to Google academic (Web of Science – all databases)
1. <b>Agache I</b> , Deleanu D, Khaltaev N, Bousquet J. <i>Allergic rhinitis and its impact upon asthma-update (ARIA 2008). Romanian perspective.</i> Pneumologia. 2009;58(4):255-8	2009	5
2. <b>Agache I</b> , Ciobanu C, Paul G, Rogozea L. <i>Dysfunctional breathing phenotype in adults with asthma - incidence and risk factors.</i> Clin Transl Allergy. 2012;2(1):18.	2012	12
3. <b>Agache IO</b> , Rogozea L. <i>Management of hypersensitivity pneumonitis.</i> Clin Transl Allergy. 2013 Feb 4;3(1):5. <a href="http://ctajournal.biomedcentral.com/articles/10.1186/2045-7022-3-5">http://ctajournal.biomedcentral.com/articles/10.1186/2045-7022-3-5</a>	2013	16

4.	Lukat K, Rivas P, Roger A, Kowalski M, Botzen U, Wessel F, Sanquer F, <b>Agache I</b> , Izquierdo I. <i>A direct comparison of efficacy between desloratadine and rupatadine in seasonal allergic rhinoconjunctivitis: a randomized, double-blind, placebo-controlled study.</i> J Asthma Allergy. 2013; 6:31-9.	2013	12
5.	Papadopoulos NG, <b>Agache I</b> , Bavbek S, Bilo BM, Braido F, Cardona V, et al. <i>Research needs in allergy: an EAACI position paper</i> , in collaboration with EFA. Clin Transl Allergy. 2012;2(1):21.	2012	88
6.	<b>Agache IO.</b> <i>Endotype Driven Treatment of Asthma.</i> Curr Treat Options Allergy 2014; 1: 198	2014	4
7.	<b>Agache I.</b> <i>Non-eosinophilic Asthma Endotypes.</i> Curr Treat Options Allergy 2015; 2: 257	2015	1
8.	Bousquet J, Hellings PW, <b>Agache I</b> , Bedbrook A, et al. ARIA 2016: <i>Care pathways implementing emerging technologies for predictive medicine in rhinitis and asthma across the life cycle.</i> Clin Transl Allergy. 2016 Dec 30;6:47.	2016	34
9.	Garcia-Larsen V, Del Giacco SR, Moreira A, Bonini M, Haahtela T, Bonini S, Carlsen KH, <b>Agache I</b> , Fonseca J, Papadopoulos NG, Delgado L. <i>Dietary intake and risk of asthma in children and adults: protocol for a systematic review and meta-analysis.</i> Clin Transl Allergy. 2016 Apr 28; 6: 17.	2016	
10.	Dhami S, Nurmatov U, <b>Agache I</b> , et al. <i>Allergen immunotherapy for allergic asthma: protocol for a systematic review.</i> Clin Transl Allergy. 2016 Feb 9; 6:5.	2016	

#### V.4. Papers published in speciality journals:

Paper	Year of publication	Citations according to Google academic (Web of Science – all databases)
1. Muraro A, Fokkens WJ, Pietikainen S, Borrelli D, <b>Agache I</b> , Bousquet J, Costigliola V, Joos G, Lund VJ, Poulsen LK, Price D, Rolland C, Zuberbier T, Hellings PW - <i>European symposium on precision medicine in allergy and airways diseases: report of the European Union parliament symposium</i> (October 14, 2015) † <ul style="list-style-type: none"> <li>Rhinology. 2015. 53(4), 303-307, <b>FI: 1,686</b></li> <li>Allergy. 2016 71(5):583-7 <b>FI: 6,335</b></li> </ul>	2015	3 (2)
2. Muraro A, Steelant B, Pietikainen S, Borrelli D, Childers N, Callebaut I, Kortekaas Krohn I, Martens K, Pugin B, Popescu FD, Vieru M, Jutel M, <b>Agache I</b> , Hellings PW. <i>European symposium on the awareness of allergy: report of the promotional campaign in the European Parliament</i> (April 26-28, 2016). Allergy. 2017; 72(2): 173-176. – <b>FI: 6,335</b>	2017	
3. Muraro A, Steelant B, Pietikainen S, Borrelli D, Childers N, Callebaut I, Kortekaas Krohn I, Martens K, Pugin B, Popescu FD, Vieru M, Jutel M, <b>Agache I</b> , Hellings PW. <i>European symposium on the awareness of allergy: report of the promotional campaign in the European Parliament</i> (October, 2016). Allergy. 2016; 71(5): 583-587. – <b>FI: 6,335</b>	2016	

#### V.5. Papers published in journals as abstract or meeting abstract, indexed ISI

Paper	Year of publication	Citations according to Google academic (Web of Science – all databases)
1. <b>Agache I</b> ; Duca L; Pamfil G; Anghel M - <i>Antinuclear antibodies in asthma are correlated with lack of asthma control</i> , Journal of allergy and clinical immunology, 2008, 121(2), Supplement: 1, S77-S77, Meeting Abstract: 298	2008	0

Paper	Year of publication	Citations according to Google academic (Web of Science – all databases)
2. Duca L.; Agache I; Anghel M. <i>Risk factors for severe chronic itching in patients with rheumatoid arthritis</i> , Allergy, 2008, 63, Supplement: 88, 271-271, Meeting Abstract: 713 <b>FI:6,204</b>	2008	0
3. Balan A; <b>Agache I</b> ; Ciobanu C; Anghel M - <i>Predictors of response to hydroxyclochloroquine in chronic urticarial</i> , Allergy, 2009, 64, 516-516, Meeting Abstract: 1351, <b>FI:6,380</b>	2009	0
4. Ciobanu C., <b>Agache I</b> <i>Asthma Risk Factors and Phenotypes in Children and in Adults with Seasonal Allergic Rhinitis</i> , Journal of Allergy and Clinical Immunology, 2010, 125(2), Supplement: S, AB2-AB2 <b>FI:9,273</b>	2010	0
5. Ciobanu C., Paul G.; <b>Agache I</b> - <i>Risk factors for difficult asthma in school children according to their clinical phenotypes</i> , Allergy, 2010, 65, Special Issue: SI, Supplement: 92, 674-674, Meeting Abstract: 1839, <b>FI: 6,297</b>	2010	(0)
6. Ciobanu C, <b>Agache I</b> , Paul G, Barbieru V., Creitaru D., Dysfunctional breathing phenotype in adults with asthma, Allergy, 2011, 66, Special Issue, Supplement: 94, 516-516, Meeting Abstract: 1360 <b>FI: 6,271</b>	2011	0
7. Agache, I. O.; Ciobanu, C. <i>Persistent High FeNO Phenotype in Asthma</i> , Journal of Allergy and Clinical Immunology, 2011, 127(2), Supplement: S, AB4-AB4 <b>FI:11,003</b>	2011	1
8. Agache I.; Ciobanu C.; Barbieru V. <i>Phenotypes of Rhinitis and Difficult Asthma</i> , Journal of Allergy and Clinical Immunology, 2012, 129(2), Supplement: S, AB10-AB10 <b>FI: 12,047</b>	2012	0
9. Rivas P, Kowalski M, Lukat K, Botzen U, Wessel F, Sanquer F, del Cuillo A, Izquierdo I, <b>Agache I</b> - <i>Rupatadine and desloratadine showed similar profile for seasonal allergic rhinoconjunctivitis</i> , Allergy, 2012, 67, Special Issue, Supplement: 96, 19-19, Meeting Abstract: 40 <b>FI: 5,883</b>	2012	0
10. Agache C., Rueckert B., <b>Agache I</b> . et al. <i>Dialysis plus ultrafiltration significantly improves the detection of cytokines in induced sputum</i> , European Respiratory Journal. 42(57), Meeting Abstract: 1436 <b>FI: 7,125</b>	2013	0
11. <b>Agache I.</b> , Ciobanu C., Agache C. et al. <i>Induced sputum cytokines and chemokines and mechanistic pathways in adult asthma phenotypes</i> , European Respiratory Journal, 42(57), Meeting Abstract: 1134 <b>FI: 7,125</b>	2013	0
12. <b>Agache IO</b> , Ciobanu C, Barbieru V, Rogozea L, <i>Longitudinal Evaluation of the Prognostic Value for Difficult Asthma of Rhinitis Clusters</i> , Journal of Allergy and Clinical Immunology, 2013, 131(2), Supplement: S, AB206-AB206 <b>FI: 11,248</b>	2013	0
13. Ciobanu CM, <b>Agache I</b> , <i>Allergen specific immunotherapy and asthma control and future risk</i> , Allergy. 68(Special Issue, Supplement: 97). 554-554. Published: SEP 2013, Conference: World Allergy and Asthma Congress of the European-Academy-of-Allergy-and-Clinical-Immunology and World-Allergy-Organization <b>FI: 5,995</b>	2013	0
14. <b>Agache IO</b> , Agache C, Ruckert B, Rogozea L., Ciobanu C, Akdis CA - <i>Sputum Cytokines and Adult Asthma Endotypes</i> , Journal of allergy and clinical immunology, 2014, 133(2), Supplement: S, AB399-AB399, Meeting Abstract: L6, <b>FI: 11,476</b>	2014	0
15. Harris JM, Maciuca R, Bradley S, Cabanski C, Scheerens H, Lim J, Cai F, Kishnani-Johnson M, Liao XC, Samineni D, Zhu R, Cochran C, Soong W, Diaz JD, Perin P, Tsukayama M, Dimov D, <b>Agache I</b> , Kelsen SG, <i>Efficacy And Safety Of Quilizumab In Adults With Allergic Asthma Inadequately Controlled On Inhaled Corticosteroids And A Second Controller (costa Study)</i> , American Journal of Respiratory and Critical Care Medicine, 2015, 191, Meeting Abstract: A5168 <b>FI: 13,118</b>	2015	(2)
16. <b>Agache I</b> ; Sarafoleanu CC, Leru PM; Bucur I, Doros I-C, Poenaru M - <i>Real-life effectiveness of a new allergic rhinitis therapy (MP-AzeFlu*) in Romania</i> , (Meeting of the European-Academy-of-Allergy-and-Clinical-Immunology) Allergy. 2016, 71, 102, 386-386, <b>FI: 6,335</b>	2016	0

Paper	Year of publication	Citations according to Google academic (Web of Science – all databases)
17. Stjarne P, Dollner R, Haahr P, <b>Agache I</b> , & Bachert C. Klimek L. <i>Effectiveness of MP-AzeFlu* for the treatment of allergic rhinitis in real-life: according to phenotype, severity and patient age: meta-analysis of data from 5 European countries</i> (Meeting of the European-Academy-of-Allergy-and-Clinical-Immunology), Allergy. 2016, 71, 211-212, <b>FI: 6,335</b>	2016	0
18. Klimek L, Stjarne P, Dollner R, Haahr P, <b>Agache I</b> , & Bachert C. <i>Effectiveness of MP-AzeFlu* for the treatment of allergic rhinitis in real-life: meta-analysis of data from Germany, Sweden, Norway, Denmark and Romania</i> . Allergy. 2016, 71, 209-210, <b>FI: 6,335</b>	2016	0

## VI. INTERNATIONAL MEETINGS

Communication	Meeting	Location, year
1. <i>Is anti-microbial therapy an option treat asthma/allergy</i>	XIX World Congress of Asthma	Monte Carlo, 2008
2. <i>Asthma in developing world of Eastern Europe</i>	XIX World Congress of Asthma	Monte Carlo, 2008
3. <i>Increased serum IL-17 is an independent risk factor for severe asthma</i>	ERS Congress	Berlin, 2008
4. <i>Daily versus as needed inhaled corticosteroids in children with asthma</i>	EAACI & GA <sup>2</sup> LEN Allergy Summer School On Paediatric Asthma	Venetia, 2008
5. <i>Asthma management in Eastern Europe</i>	XXVII EAACI Congress	Barcelona, 2008
6. <i>Daily versus as needed inhaled corticosteroids in children with mild persistent asthma</i>	World Congress of Asthma	2011
7. <i>Immune pathogenesis of asthma exacerbations</i>	EAACI Annual Meeting	Istanbul, 2011
8. <i>Chronic cough – is it asthma or something else?</i>	Pediatric Allergy and Asthma Meeting	Barcelona, 2011
9. <i>Molecular markers of asthma phenotypes and endotypes</i>	World Allergy Congress	Cancun, 2011
10. <i>Allergy management in primary care in Europe – current status</i>	EAACI Annual Meeting	Geneve, 2012
11. <i>Naso-bronchial interaction</i>	SERIN meeting	Leuven, 2013
12. <i>Mechanism-guided treatment for asthma</i>	EAACI Annual Meeting and World Allergy Congress	Milano, 2013
13. <i>Induced sputum cytokines and chemokines and mechanistic pathways in adult asthma phenotypes</i>	European Respiratory Society Annual Meeting	Munich, 2014
14. <i>Lessons from the lower airways</i>	European Rhinology Society Annual Meeting	Amsterdam, 2014
15. <i>New tools in asthma: biomarkers</i>	EAACI Annual Meeting	Copenhagen, 2014
16. <i>EAACI Food Allergy and Anaphylaxis Guidelines</i>	SLAAAI Congress	Buenos Aires, 2015
17. <i>Managing anaphylaxis in community settings</i>	EAACI Annual Meeting	Barcelona, 2015
18. <i>Asthma phenotypes and endotypes – implications for AIT</i>	Polish Allergy Society Annual meeting	Varsovia, 2015
19. <i>The asthma epidemic: How did we come to worldwide 300 Million patients?</i>	Global Risk Forum	Davos, 2015

Communication	Meeting	Location, year
20. <i>Type 2 asthma endotype</i>	World Allergy Congress	Seoul, 2015
21. <i>Can we afford a system change to prevent disease progression?</i>	Allergy Think Tank	Viena, 2016
22. <i>Use of biomarkers in personalized medicine</i>	EAACI Annual Congress	Viena, 2016
23. <i>Food allergy and asthma</i>	XLIII Congresso Brasileiro de Alergia e Imunologia	Curitiba, 2016
24. <i>Serum IL-5 and IL-13 consistently serve as the best predictors for the blood eosinophilia phenotype in adult asthmatics</i>	European Respiratory Society Annual Meeting	Londra, 2016
25. <i>The Complexity of Type 2 Asthma Endotype</i>	9th Hong Kong Allergy Convention	Hong Kong, 2016
26. <i>Appraising the Evidence: Is Precision Medicine Ready for the Clinic?</i>	9th Hong Kong Allergy Convention	Hong Kong, 2016
27. <i>Precision medicine in allergy and asthma</i>	Joint Congress of APAAACI & APAPARI 2016	Kuala Lumpur, 2016
28. <i>Precision medicine in asthma</i>	European Rhinology Forum	Bruxelles, 2016

## VII. Other papers

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17 January 2017

Ioana Octavia Agache