

Musa Khaitov

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

3,165
citations

201674

27
h-index

168389

53
g-index

85
all docs

85
docs citations

85
times ranked

4342
citing authors

#	ARTICLE	IF	CITATIONS
1	IL-33-Dependent Type 2 Inflammation during Rhinovirus-induced Asthma Exacerbations <i>In Vivo</i> . American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1373-1382.	5.6	500
2	Next-generation Allergic Rhinitis and Its Impact on Asthma (ARIA) guidelines for allergic rhinitis based on Grading of Recommendations Assessment, Development and Evaluation (GRADE) and real-world evidence. Journal of Allergy and Clinical Immunology, 2020, 145, 70-80.e3.	2.9	272
3	Respiratory virus induction of alpha, beta and lambda interferons in bronchial epithelial cells and peripheral blood mononuclear cells. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 375-386.	5.7	192
4	2019 ARIA Care pathways for allergen immunotherapy. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2087-2102.	5.7	140
5	MACVIA clinical decision algorithm in adolescents and adults with allergic rhinitis. Journal of Allergy and Clinical Immunology, 2016, 138, 367-374.e2.	2.9	128
6	Cell-Type-Specific Responses to Interleukin-1 Control Microbial Invasion and Tumor-Elicited Inflammation in Colorectal Cancer. Immunity, 2019, 50, 166-180.e7.	14.3	114
7	Allergic Rhinitis and its Impact on Asthma (ARIA) Phase 4 (2018): Change management in allergic rhinitis and asthma multimorbidity using mobile technology. Journal of Allergy and Clinical Immunology, 2019, 143, 864-879.	2.9	103
8	Allergen Extracts for In Vivo Diagnosis and Treatment of Allergy: Is There a Future?. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 1845-1855.e2.	3.8	81
9	Molecular Aspects of Allergens and Allergy. Advances in Immunology, 2018, 138, 195-256.	2.2	81
10	Diversity of PEGylation methods of liposomes and their influence on RNA delivery. MedChemComm, 2019, 10, 369-377.	3.4	79
11	An Anti-Human ICAM-1 Antibody Inhibits Rhinovirus-Induced Exacerbations of Lung Inflammation. PLoS Pathogens, 2013, 9, e1003520.	4.7	69
12	Past, present, and future of allergen immunotherapy vaccines. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 131-149.	5.7	66
13	Silencing of SARS-CoV-2 with modified siRNA-peptide dendrimer formulation. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2840-2854.	5.7	65
14	ARIA-EAACI statement on asthma and COVID-19 (June 2, 2020). Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 689-697.	5.7	57
15	Anti-inflammatory effect of fullerene C60 in a mice model of atopic dermatitis. Journal of Nanobiotechnology, 2016, 14, 8.	9.1	54
16	ARIA pharmacy 2018 - Allergic rhinitis care pathways for community pharmacy. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1219-1236.	5.7	52
17	Porous silicon nanoparticles as scavengers of hazardous viruses. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	51
18	Recombinant allergens for immunotherapy: state of the art. Current Opinion in Allergy and Clinical Immunology, 2019, 19, 402-414.	2.3	51

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19	The potential of anti-infectives and immunomodulators as therapies for asthma and asthma exacerbations. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 50-63.	5.7	49
20	Next-Generation of Allergen-Specific Immunotherapies: Molecular Approaches. <i>Current Allergy and Asthma Reports</i> , 2018, 18, 39.	5.3	48
21	CXC chemokines and antimicrobial peptides in rhinovirus-induced experimental asthma exacerbations. <i>Clinical and Experimental Allergy</i> , 2014, 44, 930-939.	2.9	47
22	ARIA digital anamorphosis: Digital transformation of health and care in airway diseases from research to practice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 168-190.	5.7	46
23	Molecular Approaches for Diagnosis, Therapy and Prevention of Cow's Milk Allergy. <i>Nutrients</i> , 2019, 11, 1492.	4.1	37
24	M1-like macrophages are potent producers of anti-viral interferons and M1-associated marker-positive lung macrophages are decreased during rhinovirus-induced asthma exacerbations. <i>EBioMedicine</i> , 2020, 54, 102734.	6.1	37
25	Small Interfering RNAs Targeted to Interleukin-4 and Respiratory Syncytial Virus Reduce Airway Inflammation in a Mouse Model of Virus-Induced Asthma Exacerbation. <i>Human Gene Therapy</i> , 2014, 25, 642-650.	2.7	33
26	Allergen-Specific Antibodies Regulate Secondary Allergen-Specific Immune Responses. <i>Frontiers in Immunology</i> , 2019, 9, 3131.	4.8	32
27	Molecular aspects of allergens in atopic dermatitis. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2017, 17, 269-277.	2.3	31
28	Tracing IgE-Producing Cells in Allergic Patients. <i>Cells</i> , 2019, 8, 994.	4.1	31
29	Differentiation of COVID-19 signs and symptoms from allergic rhinitis and common cold: An ARIA-ARIA ² LEN consensus. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2354-2366.	5.7	31
30	Study of Fullerene Aqueous Dispersion Prepared by Novel Dialysis Method: Simple Way to Fullerene Aqueous Solution. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 792-800.	2.1	30
31	Toward personalization of asthma treatment according to trigger factors. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1529-1534.	2.9	30
32	Vaccination of nonallergic individuals with recombinant hypoallergenic fragments of birch pollen allergen Bet v 1: Safety, effects, and mechanisms. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1258-1261.	2.9	29
33	The role of interleukin-33 in pathogenesis of bronchial asthma. New experimental data. <i>Biochemistry (Moscow)</i> , 2018, 83, 13-25.	1.5	23
34	Differences in Reporting the Ragweed Pollen Season Using Google Trends across 15 Countries. <i>International Archives of Allergy and Immunology</i> , 2018, 176, 181-188.	2.1	23
35	A novel peptide dendrimer LTP efficiently facilitates transfection of mammalian cells. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8181-8190.	2.8	21
36	Preventive Allergen-Specific Vaccination Against Allergy: Mission Possible?. <i>Frontiers in Immunology</i> , 2020, 11, 1368.	4.8	21

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37	Bet v 1â€specific IgE levels and PRâ€10 reactivity discriminate silent sensitization from phenotypes of birch allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2525-2528.	5.7	20
38	Allergen-Specific Immunotherapy with Monomeric Allergoid in a Mouse Model of Atopic Dermatitis. <i>PLoS ONE</i> , 2015, 10, e0135070.	2.5	19
39	Linear and dendrimeric antiviral peptides: design, chemical synthesis and activity against human respiratory syncytial virus. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2607-2617.	5.8	19
40	Facile preparation of aqueous fullerene C60 nanodispersions. <i>Nanotechnologies in Russia</i> , 2014, 9, 369-379.	0.7	18
41	Microarrayâ€based IgE serology improves management of severe atopic dermatitis in two children. <i>Pediatric Allergy and Immunology</i> , 2016, 27, 645-649.	2.6	18
42	Synthesis and evaluation of novel lipopeptide as a vehicle for efficient gene delivery and gene silencing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 102, 159-167.	4.3	18
43	Modern View of Neutrophilic Asthma Molecular Mechanisms and Therapy. <i>Biochemistry (Moscow)</i> , 2020, 85, 854-868.	1.5	18
44	Microarray-Based Allergy Diagnosis: Quo Vadis?. <i>Frontiers in Immunology</i> , 2020, 11, 594978.	4.8	17
45	From Allergen Molecules to Molecular Immunotherapy of Nut Allergy: A Hard Nut to Crack. <i>Frontiers in Immunology</i> , 2021, 12, 742732.	4.8	17
46	IgEâ€reactivity profiles to allergen molecules in Russian children with and without symptoms of allergy revealed by microâ€array analysis. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 251-263.	2.6	16
47	Management of anaphylaxis due to COVIDâ€19 vaccines in the elderly. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2952-2964.	5.7	16
48	Vaccine based on folded receptor binding domainâ€PreS fusion protein with potential to induce sterilizing immunity to SARSâ€CoVâ€2 variants. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2431-2445.	5.7	16
49	Aqueous fullerene C ₆₀ solution suppresses herpes simplex virus and cytomegalovirus infections. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020, 28, 487-499.	2.1	14
50	Determination of IgE and IgG reactivity to more than 170 allergen molecules in paper-dried blood spots. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 437-440.	2.9	13
51	COVIDâ€19â€ vaccination in patients receiving allergen immunotherapy (AIT) or biologicalsâ€EAACI recommendations. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2313-2336.	5.7	12
52	Highly sensitive ELISAâ€based assay for quantification of allergenâ€specific IgE antibody levels. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2668-2670.	5.7	11
53	Effect of lipopeptide structure on gene delivery system properties: Evaluation in 2D and 3D in vitro models. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 328-336.	5.0	10
54	Role of STAT3 Transcription Factor in Pathogenesis of Bronchial Asthma. <i>Biochemistry (Moscow)</i> , 2021, 86, 1489-1501.	1.5	10

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55	The Role of Interleukin-37 in the Pathogenesis of Allergic Diseases. <i>Acta Naturae</i> , 2019, 11, 54-64.	1.7	9
56	Anticytokine therapy of allergic asthma. <i>Molecular Biology</i> , 2017, 51, 1-13.	1.3	8
57	Liver-targeted delivery of nucleic acid by liposomes modified with a glycoconjugate. <i>Mendeleev Communications</i> , 2017, 27, 626-627.	1.6	8
58	Genotoxicity of cationic lipopeptide nanoparticles. <i>Toxicology Letters</i> , 2020, 328, 1-6.	0.8	8
59	Preventive Administration of Non-Allergenic Bet v 1 Peptides Reduces Allergic Sensitization to Major Birch Pollen Allergen, Bet v 1. <i>Frontiers in Immunology</i> , 2021, 12, 744544.	4.8	8
60	Comparison of rhinitis treatments using <sc>MASK</sc>â€airÂ® data and considering the minimal important difference. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3002-3014.	5.7	8
61	Respiratory syncytial virus upregulates IL-33 expression in mouse model of virus-induced inflammation exacerbation in OVA-sensitized mice and in asthmatic subjects. <i>Cytokine</i> , 2021, 138, 155349.	3.2	7
62	Pathogenetic molecular mechanisms of chronic rhinosinusitis with nasal polyps associated with asthma. <i>Pulmonologiya</i> , 2021, 31, 7-19.	0.8	7
63	Rhinovirus induction of fractalkine (CX3CL1) in airway and peripheral blood mononuclear cells in asthma. <i>PLoS ONE</i> , 2017, 12, e0183864.	2.5	7
64	Experimental protocol for development of adjuvant-free murine chronic model of allergic asthma. <i>Journal of Immunological Methods</i> , 2019, 468, 10-19.	1.4	6
65	The TLR4 Agonist Immunomax Affects the Phenotype of Mouse Lung Macrophages during Respiratory Syncytial Virus Infection. <i>Acta Naturae</i> , 2018, 10, 95-99.	1.7	6
66	Prospects For the Use of Peptides against Respiratory Syncytial Virus. <i>Molecular Biology</i> , 2019, 53, 484-500.	1.3	5
67	Molecular and Cellular Mechanisms of Respiratory Syncytial Viral Infection: Using Murine Models to Understand Human Pathology. <i>Biochemistry (Moscow)</i> , 2021, 86, 290-306.	1.5	5
68	Presentation of airway and general symptoms in COVIDâ€19 caused by dominant <sc>SARSâ€CoV</sc>â€2 variants: A followâ€up on <sc>ARIA</sc> consensus. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3440-3444.	5.7	3
69	Antiviral Activity of Ergoferon against Group A Rotavirus. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 161, 806-807.	0.8	2
70	Comparative structural study of C60-lysine and C60-piperazine biocompatible aqueous solutions. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 0, , 1-9.	2.1	2
71	The TLR4 Agonist Immunomax Affects the Phenotype of Mouse Lung Macrophages during Respiratory Syncytial Virus Infection. <i>Acta Naturae</i> , 2018, 10, 95-99.	1.7	2
72	RNA INTERFERENCE: NEW APPROACH TO THE TREATMENT OF ALLERGIC ASTHMA (A REVIEW). <i>Ekspierimental'naya I Klinicheskaya Farmakologiya</i> , 2016, 79, 35-44.	0.2	2

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73	Tracing Human IgE B Cell Antigen Receptor-Bearing Cells With a Monoclonal Anti-Human IgE Antibody That Specifically Recognizes Non-Receptor-Bound IgE. <i>Frontiers in Immunology</i> , 2021, 12, 803236.	4.8	2
74	Anti-inflammatory effect of siRNAs targeted <i>IL4</i> and <i>IL13</i> in a mouse model of allergic rhinitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2829-2832.	5.7	2
75	Immunogenic properties of recombinant and synthetic peptides of human papillomavirus. <i>Doklady Biochemistry and Biophysics</i> , 2008, 421, 185-190.	0.9	1
76	THE STUDY OF BALANCE OF Th1/Th2 IMMUNE RESPONSE DURING VIRUS-INDUCED ASTHMA EXACERBATION. <i>Russian Journal of Allergy</i> , 2016, 13, 20-28.	0.2	1
77	Approaches to Pharmaceutical Analysis of an Innovative Liposomal Preparation for Treating Hepatitis C. <i>Pharmaceutical Chemistry Journal</i> , 2018, 52, 254-256.	0.8	0
78	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1455-1456.	2.9	0
79	Molecular allergodiagnosics capabilities in determining the indications for allergen-specific immunotherapy with house dust mites allergen and its effectiveness in atopic dermatitis patients. <i>Russian Journal of Allergy</i> , 2020, 17, 82-92.	0.2	0