

# Daniel Piotr Potaczek

## List of Publications by Year in descending order

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103  
papers

2,079  
citations

236925

25  
h-index

289244

40  
g-index

104  
all docs

104  
docs citations

104  
times ranked

2679  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetics and allergy: from basic mechanisms to clinical applications. <i>Epigenomics</i> , 2017, 9, 539-571.	2.1	201
2	Histone modifications and their role in epigenetics of atopy and allergic diseases. <i>Allergy, Asthma and Clinical Immunology</i> , 2018, 14, 39.	2.0	141
3	Current concepts of IgE regulation and impact of genetic determinants. <i>Clinical and Experimental Allergy</i> , 2012, 42, 852-871.	2.9	91
4	Perinatal and Early-Life Nutrition, Epigenetics, and Allergy. <i>Nutrients</i> , 2021, 13, 724.	4.1	82
5	Role of airway epithelial cells in the development of different asthma phenotypes. <i>Cellular Signalling</i> , 2020, 69, 109523.	3.6	57
6	The Impact of Milk and Its Components on Epigenetic Programming of Immune Function in Early Life and Beyond: Implications for Allergy and Asthma. <i>Frontiers in Immunology</i> , 2020, 11, 2141.	4.8	57
7	Antisense molecules: A new class of drugs. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1334-1346.	2.9	56
8	The role of epigenetics in allergy and asthma development. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2020, 20, 48-55.	2.3	49
9	The role of PKC $\eta$ in cord blood T-cell maturation towards Th1 cytokine profile and its epigenetic regulation by fish oil. <i>Bioscience Reports</i> , 2017, 37, .	2.4	48
10	The $\epsilon$ -chain of high-affinity receptor for IgE (Fc $\epsilon$ RI $\epsilon$ ) gene polymorphisms and serum IgE levels. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 1230-1233.	5.7	47
11	Two Different Transcription Factors Discriminate the $\epsilon$ 315C>T Polymorphism of the <i>Fc<math>\epsilon</math>RI<math>\epsilon</math></i> Gene: Binding of Sp1 to $\epsilon$ 315C and of a High Mobility Group-Related Molecule to $\epsilon$ 315T. <i>Journal of Immunology</i> , 2008, 180, 8204-8210.	0.8	45
12	The Hygiene Hypothesis and New Perspectives – Current Challenges Meeting an Old Postulate. <i>Frontiers in Immunology</i> , 2021, 12, 637087.	4.8	45
13	Links between allergy and cardiovascular or hemostatic system. <i>International Journal of Cardiology</i> , 2014, 170, 278-285.	1.7	44
14	An association of <i>TLR2</i> $\epsilon$ 16934A>T polymorphism and severity/phenotype of atopic dermatitis. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2011, 25, 715-721.	2.4	43
15	Histone Acetylation of Immune Regulatory Genes in Human Placenta in Association with Maternal Intake of Olive Oil and Fish Consumption. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1060.	4.1	41
16	Epigenetic Regulation of Airway Epithelium Immune Functions in Asthma. <i>Frontiers in Immunology</i> , 2020, 11, 1747.	4.8	41
17	Raw Cow's Milk Reduces Allergic Symptoms in a Murine Model for Food Allergy – A Potential Role For Epigenetic Modifications. <i>Nutrients</i> , 2019, 11, 1721.	4.1	40
18	Different <i>FCER1A</i> polymorphisms influence <i>IL-5</i> levels in asthmatics and non-asthmatics. <i>Pediatric Allergy and Immunology</i> , 2013, 24, 441-449.	2.6	35

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19	Childhood asthma is associated with mutations and gene expression differences of <i>ORMDL</i> genes that can interact. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1288-1299.	5.7	35
20	The effects of obesity on asthma: immunometabolic links. <i>Polish Archives of Internal Medicine</i> , 2018, 128, 469-477.	0.4	35
21	Extracellular Vesicles and Asthma—More Than Just a Co-Existence. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4984.	4.1	33
22	Epigenetic Regulation in Early Childhood: A Miniaturized and Validated Method to Assess Histone Acetylation. <i>International Archives of Allergy and Immunology</i> , 2015, 168, 173-181.	2.1	31
23	A polymorphism in the <i>T<sub>H</sub>2</i> locus control region is associated with changes in <i>DNA</i> methylation and gene expression. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 1171-1180.	5.7	30
24	Recent developments in epigenetics of pediatric asthma. <i>Current Opinion in Pediatrics</i> , 2016, 28, 754-763.	2.0	30
25	Atorvastatin and quinapril inhibit blood coagulation in patients with coronary artery disease following 28 days of therapy. <i>Journal of Thrombosis and Haemostasis</i> , 2006, 4, 2397-2404.	3.8	27
26	Influenza-derived peptides cross-react with allergens and provide asthma protection. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 804-814.	2.9	27
27	PROS1 mutations associated with protein S deficiency in Polish patients with residual vein obstruction on rivaroxaban therapy. <i>Thrombosis Research</i> , 2014, 134, 199-201.	1.7	24
28	Ezetimibe Combined With Simvastatin Compared With Simvastatin Alone Results in a Greater Suppression of Oxidative Stress and Enhanced Fibrinolysis in Patients After Acute Coronary Events. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 58, 167-172.	1.9	23
29	Increased blood levels of cellular fibronectin in asthma: Relation to the asthma severity, inflammation, and prothrombotic blood alterations. <i>Respiratory Medicine</i> , 2018, 141, 64-71.	2.9	23
30	Development and characterization of DNAzyme candidates demonstrating significant efficiency against human rhinoviruses. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1403-1415.	2.9	23
31	Decreased Histone Acetylation Levels at Th1 and Regulatory Loci after Induction of Food Allergy. <i>Nutrients</i> , 2020, 12, 3193.	4.1	23
32	Genetic characterization of antithrombin, protein C and protein S deficiencies in Polish patients. <i>Polish Archives of Internal Medicine</i> , 2017, 127, 512-523.	0.4	23
33	Fine-mapping of IgE-associated loci 1q23, 5q31, and 12q13 using 1000 Genomes Project data. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 1077-1084.	5.7	22
34	Plasma platelet activation markers in patients with atopic dermatitis and concomitant allergic diseases. <i>Journal of Dermatological Science</i> , 2011, 64, 79-82.	1.9	21
35	<i>FCER1A</i> gene promoter polymorphisms and total serum IgE levels in Japanese atopic dermatitis patients. <i>International Journal of Immunogenetics</i> , 2010, 37, 139-141.	1.8	20
36	Interleukin-6 receptor Asp358Ala gene polymorphism is associated with plasma C-reactive protein levels and severity of aortic valve stenosis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 1049-56.	2.3	20

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37	Epigenetic Modifications in Placenta are Associated with the Child's Sensitization to Allergens. <i>BioMed Research International</i> , 2019, 2019, 1-11.	1.9	20
38	GENETIC POLYMORPHISMS OF THE NOVEL FCER1A GENE REGION: RELATION TO TOTAL SERUM IgE LEVELS. <i>Annals of Allergy, Asthma and Immunology</i> , 2007, 98, 500-501.	1.0	19
39	A role of FCER1A and FCER2 polymorphisms in IgE regulation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 231-236.	5.7	19
40	Genetic variability of the high-affinity IgE receptor $\alpha$ -subunit (Fc $\mu$ R $\alpha$ ). <i>Immunologic Research</i> , 2009, 45, 75-84.	2.9	18
41	Association between atopic diseases and venous thromboembolism: a case-control study in patients aged 45 years or less. <i>Journal of Thrombosis and Haemostasis</i> , 2011, 9, 870-873.	3.8	18
42	Short-Chain Fatty Acids Augment Differentiation and Function of Human Induced Regulatory T Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5740.	4.1	18
43	Additive association between FCER1A and FCER1B genetic polymorphisms and total serum IgE levels. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2007, 62, 1095-1096.	5.7	17
44	Iron deficiency: a novel risk factor of recurrence in patients after unprovoked venous thromboembolism. <i>Polish Archives of Internal Medicine</i> , 2016, 126, 159-165.	0.4	15
45	Assessment of Brain Derived Neurotrophic Factor in hair to study stress responses: A pilot investigation. <i>Psychoneuroendocrinology</i> , 2017, 86, 134-143.	2.7	14
46	Epigenetic Mechanisms in Allergy Development and Prevention. <i>Handbook of Experimental Pharmacology</i> , 2021, 268, 331-357.	1.8	14
47	Tissue factor +5466A>G polymorphism determines thrombin formation following vascular injury and thrombin-lowering effects of simvastatin in patients with ischemic heart disease. <i>Atherosclerosis</i> , 2009, 204, 567-572.	0.8	13
48	Differential Regulation of Interferon Signaling Pathways in CD4+ T Cells of the Low Type-2 Obesity-Associated Asthma Phenotype. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10144.	4.1	13
49	Fc $\mu$ R $\alpha$ gene 18483A>C polymorphism affects transcriptional activity through YY1 binding. <i>Immunogenetics</i> , 2009, 61, 649-655.	2.4	12
50	Association of the C-Reactive Protein Gene (CRP) rs1205 C>T Polymorphism with Aortic Valve Calcification in Patients with Aortic Stenosis. <i>International Journal of Molecular Sciences</i> , 2015, 16, 23745-23759.	4.1	12
51	The angiotensin-converting enzyme gene insertion/deletion polymorphism and effects of quinapril and atorvastatin on haemostatic parameters in patients with coronary artery disease. <i>Thrombosis and Haemostasis</i> , 2005, 94, 224-225.	3.4	11
52	Antibodies to N-homocysteinylation albumin and haemoglobin in patients with rheumatoid arthritis: a potential new marker of disease severity. <i>Scandinavian Journal of Rheumatology</i> , 2014, 43, 17-21.	1.1	11
53	FCER1A gene promoter polymorphisms: Lack of association with aspirin hypersensitivity in whites. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 1280-1281.	2.9	10
54	IgE Levels to Ascaris and House Dust Mite Allergens Are Associated With Increased Histone Acetylation at Key Type-2 Immune Genes. <i>Frontiers in Immunology</i> , 2020, 11, 756.	4.8	10

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55	Genetic Variability of the High-affinity IgE Receptor $\alpha$ Subunit (Fc $\mu$ RI $\alpha$ ) is Related to Total Serum IgE levels in Allergic Subjects. <i>Allergology International</i> , 2007, 56, 397-401.	3.3	9
56	Side-Directed Release of Differential Extracellular Vesicle-associated microRNA Profiles from Bronchial Epithelial Cells of Healthy and Asthmatic Subjects. <i>Biomedicines</i> , 2022, 10, 622.	3.2	9
57	Interaction of functional <i>FCER2</i> promoter polymorphism and phenotype-associated haplotypes. <i>Tissue Antigens</i> , 2009, 74, 534-538.	1.0	8
58	A comparative search for human Fc $\mu$ RI $\alpha$ gene (FCER1A) 3'-UTR polymorphisms in Japanese and Polish populations. <i>Molecular Biology Reports</i> , 2012, 39, 3747-3753.	2.3	8
59	Atorvastatin favorably modulates proinflammatory cytokine profile in patients following deep vein thrombosis. <i>Thrombosis Research</i> , 2013, 132, e31-e35.	1.7	8
60	Increased activity of lipoprotein-associated phospholipase A2 in non-severe asthma. <i>Allergology International</i> , 2019, 68, 450-455.	3.3	8
61	Hepatic gene expression in mouse models of non-alcoholic fatty liver disease after acute exercise. <i>Hepatology Research</i> , 2019, 49, 637-652.	3.4	8
62	Increased Oxidative Stress in Asthma—Relation to Inflammatory Blood and Lung Biomarkers and Airway Remodeling Indices. <i>Biomedicines</i> , 2022, 10, 1499.	3.2	8
63	<i>FCER1A</i> gene exon 1A polymorphisms in Japanese and Polish subjects – a comparative analysis of haplotypes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008, 63, 626-627.	5.7	7
64	<i>FCER1A</i> genetic variability and serum IgE levels. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009, 64, 1383-1383.	5.7	7
65	NOVEL EXON 2A OF THE HIGH-AFFINITY RECEPTOR FOR THE IgE $\alpha$ -CHAIN GENE (FCER1A) AND AUTOIMMUNITY IN PATIENTS WITH ASTHMA OR URTICARIA. <i>Annals of Allergy, Asthma and Immunology</i> , 2006, 97, 711-712.	1.0	6
66	Interleukin-6 $\gamma$ 174 G/C promoter polymorphism and effects of fenofibrate and simvastatin on inflammatory markers in hypercholesterolemic patients. <i>Blood Coagulation and Fibrinolysis</i> , 2006, 17, 35-38.	1.0	6
67	<i>FCER1A</i> gene proximal promoter polymorphisms in Caucasians and East Asians. <i>International Journal of Immunogenetics</i> , 2008, 35, 339-340.	1.8	5
68	Tissue factor +5466A>G polymorphism predicts plasma TF levels in subjects with cryptogenic ischaemic stroke. <i>Thrombosis and Haemostasis</i> , 2009, 102, 173-175.	3.4	5
69	Interaction between functional polymorphisms in FCER1A and TLR2 and the severity of atopic dermatitis. <i>Human Immunology</i> , 2020, 81, 709-713.	2.4	5
70	Plasma Fibrin Clot Properties as Determinants of Bleeding Time in Human Subjects: Association with Histidine-Rich Glycoprotein. <i>Disease Markers</i> , 2020, 2020, 1-11.	1.3	5
71	Heerlen polymorphism associated with type III protein S deficiency and factor V Leiden mutation in a Polish patient with deep vein thrombosis. <i>Blood Coagulation and Fibrinolysis</i> , 2014, 25, 84-85.	1.0	4
72	Detection and a functional characterization of the novel FBN1 intronic mutation underlying Marfan syndrome: case presentation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 87-91.	2.3	4

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73	Local and Systemic Production of Pro-Inflammatory Eicosanoids Is Inversely Related to Sensitization to Aeroallergens in Patients with Aspirin-Exacerbated Respiratory Disease. <i>Journal of Personalized Medicine</i> , 2022, 12, 447.	2.5	4
74	Interleukin-6 (IL-6) $\gamma$ 174 G/C polymorphism $\rightarrow$ lack of association with inflammatory and haemostatic variables in patients with coronary heart disease treated with atorvastatin and quinapril. <i>International Journal of Cardiology</i> , 2006, 112, 123-124.	1.7	3
75	The I Allele of the Angiotensin-Converting Enzyme Gene Polymorphism may Determine an Increase in Homocysteine Levels in Fibrate-Treated Subjects. <i>Cardiovascular Drugs and Therapy</i> , 2006, 20, 229-232.	2.6	3
76	Single-stranded conformation polymorphism (SSCP)-driven indirect sequencing in detection of short deletion. <i>Molecular Biology Reports</i> , 2009, 36, 1545-1547.	2.3	3
77	Naturally occurring FCER1A N222K mutation $\rightarrow$ Its ethnicity-dependent distribution and a role in atopic dermatitis. <i>Molecular Immunology</i> , 2011, 48, 979-980.	2.2	3
78	Non-severe allergic asthma is associated with elevated plasma protein C and protein S. <i>Thrombosis and Haemostasis</i> , 2012, 107, 1000-1002.	3.4	3
79	A missense mutation G109R in the PROC gene associated with type I protein C deficiency in a young Polish man with acute myocardial infarction. <i>International Journal of Cardiology</i> , 2013, 167, e146-e148.	1.7	3
80	The Relationship between Total Serum IgE Levels and Atopic Sensitization in Subjects with or without Atopic Dermatitis. <i>Allergology International</i> , 2014, 63, 485-486.	3.3	3
81	Genetic causes of resistance to vitamin K antagonists in Polish patients. <i>Blood Coagulation and Fibrinolysis</i> , 2018, 29, 429-434.	1.0	3
82	Novel Splice Site Mutation in the PROS1 Gene in a Polish Patient with Venous Thromboembolism: c.602-2delA, Splice Acceptor Site of Exon 7. <i>Medicina (Lithuania)</i> , 2020, 56, 485.	2.0	3
83	Fetomaternal immune cross talk modifies T-cell priming through sustained changes to DC function. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 843-857.e6.	2.9	3
84	A Series of 14 Polish Patients with Thrombotic Events and PC Deficiency-Novel c.401-1G $\rightarrow$ A PROC Gene Splice Site Mutation in a Patient with Aneurysms. <i>Genes</i> , 2022, 13, 733.	2.4	3
85	Coding region for the high affinity receptor of immunoglobulin E is highly conservative in allergic patients. <i>Clinical and Experimental Allergy</i> , 2007, 37, 1574-1575.	2.9	2
86	Tissue Factor $\gamma$ 1208D $\rightarrow$ I Polymorphism Is Associated with D-dimer Levels in Patients with Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 1095-1096.	1.9	2
87	Tissue factor +5466A $\rightarrow$ G and $\gamma$ 1208D $\rightarrow$ I genetic polymorphisms and severity of rheumatoid arthritis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 423-425.	2.3	2
88	Very rare minor homozygous GG genotype of tissue factor +5466A $\rightarrow$ G mutation in a patient with two cryptogenic cerebrovascular ischemic events. <i>International Journal of Cardiology</i> , 2011, 147, e13-e15.	1.7	2
89	Protein S deficiency and Heerlen polymorphism in a Polish patient with acute myocardial infarction and previous venous thromboembolism. <i>Thrombosis Research</i> , 2013, 132, 776-777.	1.7	2
90	Allergic burden and the risk of venous thromboembolism. <i>European Respiratory Journal</i> , 2013, 42, 1157-1158.	6.7	2

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91	Interleukin-6 is important for the development of Acinetobacter lwoffii-mediated protection against asthma. , 2018, , .		2
92	Genetic associations of variants of the high affinity receptor for immunoglobulin E in Wegener's granulomatosis. Polish Archives of Internal Medicine, 2009, 119, 170-174.	0.4	2
93	First report of the genetic background of Marfan syndrome in Polish patients. Polish Archives of Internal Medicine, 2013, 123, 646-647.	0.4	2
94	The angiotensin-converting enzyme gene insertion/deletion polymorphism and effects of quinapril and atorvastatin on haemostatic parameters in patients with coronary artery disease. Thrombosis and Haemostasis, 2005, 94, 224-5.	3.4	2
95	Tissue factor genetic polymorphisms and haplotypes in Japanese population. Atherosclerosis, 2009, 207, 344-345.	0.8	1
96	An association between functional FcγRIIb polymorphisms and total serum IgE levels in patients with inflammatory bowel disease. Scandinavian Journal of Gastroenterology, 2010, 45, 766-767.	1.5	1
97	Elements of Immunoglobulin E Network Associate with Aortic Valve Area in Patients with Acquired Aortic Stenosis. Biomedicines, 2021, 9, 23.	3.2	1
98	Novel missense mutation C106R in the PROC gene associated with type I protein C deficiency in a young Polish man with high-risk pulmonary embolism. Polish Archives of Internal Medicine, 2014, 124, 75-76.	0.4	1
99	Editorial of Special Issue "Molecular Mechanisms of Allergy and Asthma": International Journal of Molecular Sciences, 2021, 22, 11580.	4.1	1
100	Development of antirhinoviral DNazymes for effective prevention of asthma exacerbations. Journal of Allergy and Clinical Immunology, 2019, 143, AB99.	2.9	0
101	Five new mutations in the <i>PROS1</i> gene associated with protein S deficiency in Polish patients screened for thrombophilia: efficacy of direct oral anticoagulant treatment. Polish Archives of Internal Medicine, 2021, 131, 885-888.	0.4	0
102	Internal medicine and biomedicine in Poland: views from the inside and outside. Polish Archives of Internal Medicine, 2016, 126, 821-823.	0.4	0
103	Increased activity of lipoprotein-associated phospholipase A2 in non-severe asthma. , 2019, , .		0