Markus G Seidel

List of Publications by Year
in descending order

116 papers	5,992 citations	76196 40 h-index	82410 72 g-index
120 all docs	120 docs citations	120 times ranked	8666 citing authors

#	Article	IF	Citations
1	The Human Phenotype Ontology in 2021. Nucleic Acids Research, 2021, 49, D1207-D1217.	6.5	652
2	The European Society for Immunodeficiencies (ESID) Registry Working Definitions for the ClinicalÂDiagnosis of Inborn Errors of Immunity. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 1763-1770.	2.0	381
3	Nfil3/E4bp4 is required for the development and maturation of NK cells in vivo. Journal of Experimental Medicine, 2009, 206, 2977-2986.	4.2	282
4	The extended phenotype of LPS-responsive beige-like anchor protein (LRBA) deficiency. Journal of Allergy and Clinical Immunology, 2016, 137, 223-230.	1.5	247
5	Long-term follow-up of IPEX syndrome patients after different therapeutic strategies: An international multicenter retrospective study. Journal of Allergy and Clinical Immunology, 2018, 141, 1036-1049.e5.	1.5	233
6	Slug, a highly conserved zinc finger transcriptional repressor, protects hematopoietic progenitor cells from radiation-induced apoptosis in vivo. Cancer Cell, 2002, 2, 279-288.	7.7	184
7	Sirolimus for the treatment of children with various complicated vascular anomalies. European Journal of Pediatrics, 2015, 174, 1579-1584.	1.3	177
8	The syndrome of hemophagocytic lymphohistiocytosis in primary immunodeficiencies: implications for differential diagnosis and pathogenesis. Haematologica, 2015, 100, 978-988.	1.7	161
9	Combined immunodeficiency with life-threatening EBV-associated lymphoproliferative disorder in patients lacking functional CD27. Haematologica, 2013, 98, 473-478.	1.7	153
10	Mannan-binding lectin deficiency â€" Good news, bad news, doesn't matter?. Clinical Immunology, 2012, 143, 22-38.	1.4	146
11	Patient-centred screening for primary immunodeficiency, a multi-stage diagnostic protocol designed for non-immunologists: 2011 update. Clinical and Experimental Immunology, 2011, 167, 108-119.	1.1	143
12	Randomized phase III study of granulocyte transfusions in neutropenic patients. Bone Marrow Transplantation, 2008, 42, 679-684.	1.3	131
13	B-cell deficiency and severe autoimmunity caused by deficiency of protein kinase C Î´. Blood, 2013, 121, 3112-3116.	0.6	118
14	Autoimmune and other cytopenias in primary immunodeficiencies: pathomechanisms, novel differential diagnoses, and treatment. Blood, 2014, 124, 2337-2344.	0.6	116
15	Activation of Mitogen-activated Protein Kinase by the A2A-adenosine Receptor via a rap1-dependent and via a p21 -dependent Pathway. Journal of Biological Chemistry, 1999, 274, 25833-25841.	1.6	113
16	Long-term outcome of LRBA deficiency in 76 patients after various treatment modalities as evaluated by the immune deficiency and dysregulation activity (IDDA) score. Journal of Allergy and Clinical Immunology, 2020, 145, 1452-1463.	1.5	112
17	Novel mutations in TNFRSF7/CD27: Clinical, immunologic, and genetic characterization of human CD27 deficiency. Journal of Allergy and Clinical Immunology, 2015, 136, 703-712.e10.	1.5	109
18	Minimal Residual Disease Values Discriminate Between Low and High Relapse Risk in Children With B-Cell Precursor Acute Lymphoblastic Leukemia and an Intrachromosomal Amplification of Chromosome 21: The Austrian and German Acute Lymphoblastic Leukemia Berlin-Frankfurt-MÃ¼nster (ALL-BFM) Trials. Journal of Clinical Oncology, 2008, 26, 3046-3050.	0.8	108

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19	Intrinsic and extrinsic causes of malignancies in patients with primary immunodeficiency disorders. Journal of Allergy and Clinical Immunology, 2018, 141, 59-68.e4.	1.5	99
20	The European internet-based patient and research database for primary immunodeficiencies: update 2011. Clinical and Experimental Immunology, 2012, 167, 479-491.	1.1	91
21	The minimum required level of donor chimerism in hereditary hemophagocytic lymphohistiocytosis. Blood, 2016, 127, 3281-3290.	0.6	83
22	Selective engraftment of donor CD4+25high FOXP3-positive T cells in IPEX syndrome after nonmyeloablative hematopoietic stem cell transplantation. Blood, 2009, 113, 5689-5691.	0.6	75
23	Initial presenting manifestations in 16,486 patients with inborn errors of immunity include infections and noninfectious manifestations. Journal of Allergy and Clinical Immunology, 2021, 148, 1332-1341.e5.	1.5	75
24	Nijmegen Breakage Syndrome: Clinical and Immunological Features, Long-Term Outcome and Treatment Options â€“ a Retrospective Analysis. Journal of Clinical Immunology, 2015, 35, 538-549.	2.0	73
25	Functional type 1 regulatory T cells develop regardless of FOXP3 mutations in patients with IPEX syndrome. European Journal of Immunology, 2011, 41, 1120-1131.	1.6	72
26	A prospective study on the natural history of patients with profound combined immunodeficiency: An interim analysis. Journal of Allergy and Clinical Immunology, 2017, 139, 1302-1310.e4.	1.5	71
27	MAP Kinase Stimulation by cAMP Does Not Require RAP1 but SRC Family Kinases. Journal of Biological Chemistry, 2002, 277, 32490-32497.	1.6	69
28	Therapeutic options for CTLA-4 insufficiency. Journal of Allergy and Clinical Immunology, 2022, 149, 736-746.	1.5	68
29	Long-term remission after allogeneic hematopoietic stem cell transplantation in LPS-responsive beige-like anchor (LRBA) deficiency. Journal of Allergy and Clinical Immunology, 2015, 135, 1384-1390.e8.	1.5	65
30	Immunoglobulin Deficiencies: The B-Lymphocyte Side of DiGeorge Syndrome. Journal of Pediatrics, 2012, 161, 950-953.e1.	0.9	63
31	Hematopoietic Cell Transplantation in Patients With Primary Immune Regulatory Disorders (PIRD): A Primary Immune Deficiency Treatment Consortium (PIDTC) Survey. Frontiers in Immunology, 2020, 11, 239.	2.2	57
32	The most frequentDCLRE1C(ARTEMIS) mutations are based on homologous recombination events. Human Mutation, 2010, 31, 197-207.	1.1	55
33	Clinical and immunological overlap between autoimmune lymphoproliferative syndrome and common variable immunodeficiency. Clinical Immunology, 2010, 137, 357-365.	1.4	54
34	Abnormally differentiated CD4+ or CD8+ T cells with phenotypic and genetic features of double negative T cells in human Fas deficiency. Blood, 2014, 124, 851-860.	0.6	54
35	Treatment of severe forms of LPS-responsive beige-like anchor protein deficiency with allogeneic hematopoietic stem cell transplantation. Journal of Allergy and Clinical Immunology, 2018, 141, 770-775.e1.	1.5	52
36	Evolution of disease activity and biomarkers on and off rapamycin in 28 patients with autoimmune lymphoproliferative syndrome. Haematologica, 2017, 102, e52-e56.	1.7	49

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37	Current Understanding and Future Research Priorities in Malignancy Associated With Inborn Errors of Immunity and DNA Repair Disorders: The Perspective of an Interdisciplinary Working Group. Frontiers in Immunology, 2018, 9, 2912.	2.2	48
38	Treatment with rapamycin can restore regulatory T-cell function in IPEX patients. Journal of Allergy and Clinical Immunology, 2020, 145, 1262-1271.e13.	1.5	48
39	Malignancy and chemotherapy induced haemophagocytic lymphohistiocytosis in children and adolescentsâ€"a single centre experience of 20Âyears. Annals of Hematology, 2018, 97, 989-998.	0.8	45
40	Antithymocyte Globulin Pharmacokinetics in Pediatric Patients After Hematopoietic Stem Cell Transplantation. Journal of Pediatric Hematology/Oncology, 2005, 27, 532-536.	0.3	44
41	The European Society for Immunodeficiencies (ESID) registry 2014. Clinical and Experimental Immunology, 2014, 178, 18-20.	1.1	43
42	Granulocyte Transfusions in Children and Young Adults. Journal of Pediatric Hematology/Oncology, 2009, 31, 166-172.	0.3	42
43	The Pattern of Malignancies in Down Syndrome and Its Potential Context With the Immune System. Frontiers in Immunology, 2018, 9, 3058.	2.2	41
44	Spectrum and Management of Complement Immunodeficiencies (Excluding Hereditary Angioedema) Across Europe. Journal of Clinical Immunology, 2015, 35, 199-205.	2.0	40
45	Effective Immunological Guidance of Genetic Analyses Including Exome Sequencing in Patients Evaluated for Hemophagocytic Lymphohistiocytosis. Journal of Clinical Immunology, 2017, 37, 770-780.	2.0	37
46	Incidence and clinical course of radionecrosis in children with brain tumors. Strahlentherapie Und Onkologie, 2013, 189, 759-764.	1.0	31
47	Amphotericin B transfer to CSF following intravenous administration of liposomal amphotericin B. Journal of Antimicrobial Chemotherapy, 2014, 69, 2522-2526.	1.3	31
48	E2A-HLF usurps control of evolutionarily conserved survival pathways. Oncogene, 2001, 20, 5718-5725.	2.6	30
49	A sensitive and scalable microsatellite instability assay to diagnose constitutional mismatch repair deficiency by sequencing of peripheral blood leukocytes. Human Mutation, 2019, 40, 649-655.	1.1	30
50	Sequential decisions on FAS sequencing guided by biomarkers in patients with lymphoproliferation and autoimmune cytopenia. Haematologica, 2013, 98, 1948-1955.	1.7	29
51	Ferritin concentrations correlate to outcome of hematopoietic stem cell transplantation but do not serve as biomarker of graft-versus-host disease. Annals of Hematology, 2013, 92, 1121-1128.	0.8	25
52	WIP deficiency severely affects human lymphocyte architecture during migration and synapse assembly. Blood, 2017, 130, 1949-1953.	0.6	25
53	A distinct CD38+CD45RA+ population of CD4+, CD8+, and double-negative T cells is controlled by FAS. Journal of Experimental Medicine, 2021, 218, .	4.2	25
54	No Overt Clinical Immunodeficiency Despite Immune Biological Abnormalities in Patients With Constitutional Mismatch Repair Deficiency. Frontiers in Immunology, 2018, 9, 1506.	2.2	24

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55	Primary immunodeficiency associated with chromosomal aberration â€“ an ESID survey. Orphanet Journal of Rare Diseases, 2016, 11, 110.	1.2	23
56	Stimulation of natural killer activity in peripheral blood lymphocytes of healthy donors and melanoma patients in vitro: synergism between interleukin (IL)-12 and IL-15 or IL-12 and IL-2. Naunyn-Schmiedeberg's Archives of Pharmacology, 1998, 358, 382-389.	1.4	22
57	The PedPAD study: boys predominate in the hypogammaglobulinaemia registry of the ESID online database. Clinical and Experimental Immunology, 2014, 176, 387-393.	1.1	21
58	IVIG Treatment of Adenovirus Infection-Associated Macrophage Activation Syndrome in a Two-Year-Old Boy: Case Report and Review of the Literature. Pediatric Hematology and Oncology, 2003, 20, 445-451.	0.3	19
59	Allogeneic Hematopoietic Stem Cell Transplantation for Congenital Immune Dysregulatory Disorders. Frontiers in Pediatrics, 2019, 7, 461.	0.9	19
60	Age- and gender-related differences in teicoplanin levels in paediatric patients. Journal of Antimicrobial Chemotherapy, 2013, 68, 2318-23.	1.3	18
61	A novel mutation in ATRX associated with intellectual disability, syndromic features, and osteosarcoma. Pediatric Blood and Cancer, 2017, 64, e26522.	0.8	18
62	Vaccination against tick-borne encephalitis virus tests specific IgG production ability in patients under immunoglobulin substitution therapy. Vaccine, 2010, 28, 6621-6626.	1.7	16
63	Recessive grey platelet-like syndrome with unaffected erythropoiesis in the absence of the splice isoform GFI1B-p37. Haematologica, 2017, 102, e375-e378.	1.7	16
64	The Iceberg Map of germline mutations in childhood cancer. Current Opinion in Pediatrics, 2018, 30, 855-863.	1.0	16
65	Treatment of immune-mediated cytopenias in patients with primary immunodeficiencies and immune regulatory disorders (PIRDs). Hematology American Society of Hematology Education Program, 2020, 2020, 673-679.	0.9	16
66	Curation and expansion of Human Phenotype Ontology for defined groups of inborn errors of immunity. Journal of Allergy and Clinical Immunology, 2022, 149, 369-378.	1.5	16
67	Editorial: The Relationship Between Cancer Predisposition and Primary Immunodeficiency. Frontiers in Immunology, 2019, 10, 1781.	2.2	15
68	Different Apples, Same Tree: Visualizing Current Biological and Clinical Insights into CTLA-4 Insufficiency and LRBA and DEF6 Deficiencies. Frontiers in Pediatrics, 2021, 9, 662645.	0.9	15
69	Phenotype, genotype, treatment, and survival outcomes in patients with X-linked inhibitor of apoptosis deficiency. Journal of Allergy and Clinical Immunology, 2022, 150, 456-466.	1.5	15
70	The Phenotype and Treatment of WIP Deficiency: Literature Synopsis and Review of a Patient With Pre-transplant Serial Donor Lymphocyte Infusions to Eliminate CMV. Frontiers in Immunology, 2018, 9, 2554.	2.2	14
71	CD27: AÂnew player in the field of common variable immunodeficiency and EBV-associated lymphoproliferative disorder?. Journal of Allergy and Clinical Immunology, 2012, 129, 1175.	1.5	13
72	Hematopoietic Stem Cell Transplantation Positively Affects the Natural History of Cancer in Nijmegen Breakage Syndrome. Clinical Cancer Research, 2021, 27, 575-584.	3.2	13

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73	In vitro and in vivo T-cell depletion with myeloablative or reduced-intensity conditioning in pediatric hematopoietic stem cell transplantation. Haematologica, 2005, 90, 1405-14.	1.7	13
74	High response rate but shortâ€term effect of romiplostim in paediatric refractory chronic immune thrombocytopenia. British Journal of Haematology, 2014, 165, 419-421.	1.2	12
75	Management of chronic immune thrombocytopenia in children and adolescents: lessons from an Austrian national cross-sectional study of 81 patients. Seminars in Hematology, 2016, 53, S43-S47.	1.8	12
76	The Immune Deficiency and Dysregulation Activity (IDDA2.1 â€˜Kaleidoscopeâ€™) Score and Other Clinical Measures in Inborn Errors of Immunity. Journal of Clinical Immunology, 2022, 42, 484-498.	2.0	12
77	Expression of the putatively regulatory T-cell marker FOXP3 by CD4(+)CD25+ T cells after pediatric hematopoietic stem cell transplantation. Haematologica, 2006, 91, 566-9.	1.7	12
78	Two Newly Diagnosed HLA Class II-Deficient Patients Identified by Rapid Vector-Based Complementation Analysis Reveal Discoordinate Invariant Chain Expression Levels. International Archives of Allergy and Immunology, 2010, 152, 390-400.	0.9	11
79	Immune Dysregulation Syndromes (IPEX, CD27 Deficiency, and Others): Always Doomed from the Start?. Journal of Clinical Immunology, 2016, 36, 6-7.	2.0	11
80	Novel phenotypes observed in patients with ETV6-linked leukaemia/familial thrombocytopenia syndrome and a biallelic ARID5B risk allele as leukaemogenic cofactor. Journal of Medical Genetics, 2020, 57, 427-433.	1.5	11
81	Misdiagnosed thrombocytopenia in children and adolescents: analysis of the Pediatric and Adult Registry on Chronic ITP. Blood Advances, 2021, 5, 1617-1626.	2.5	11
82	Indoleamine 2,3-Dioxygenase in Hematopoietic Stem Cell Transplantation. Current Drug Metabolism, 2007, 8, 267-272.	0.7	10
83	Hemophagocytic syndrome in children with acute monoblastic leukemiaâ€”another cause of fever of unknown origin. Supportive Care in Cancer, 2013, 21, 3519-3523.	1.0	10
84	A novel immunodeficiency syndrome associated with partial trisomy 19p13. Journal of Medical Genetics, 2014, 51, 254-263.	1.5	10
85	Lethal Pulmonary Complications After Pediatric Allogeneic Hematopoietic Stem Cell Transplantation. Pediatric Infectious Disease Journal, 2012, 31, 115-119.	1.1	9
86	Repertoire Sequencing of B Cells Elucidates the Role of UNG and Mismatch Repair Proteins in Somatic Hypermutation in Humans. Frontiers in Immunology, 2019, 10, 1913.	2.2	9
87	Simple Measurement of IgA Predicts Immunity and Mortality in Ataxia-Telangiectasia. Journal of Clinical Immunology, 2021, 41, 1878-1892.	2.0	9
88	Editorial: Current Challenges in Immune and Other Acquired Cytopenias of Childhood. Frontiers in Pediatrics, 2016, 4, 3.	0.9	8
89	Risk factors for mixed chimerism in children with hemophagocytic lymphohistiocytosis after reduced toxicity conditioning. Pediatric Blood and Cancer, 2020, 67, e28523.	0.8	8
90	Supplementation of the ESID registry working definitions for the clinical diagnosis of inborn errors of immunity with encoded human phenotype ontology (HPO) terms. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 1778.	2.0	8

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91	Long-term remission in pediatric Wegener granulomatosis following allo-SCT after reduced-intensity conditioning. Bone Marrow Transplantation, 2011, 46, 462-463.	1.3	7
92	Concurrent FOXP3- and CTLA4-associated genetic predisposition and skewed X chromosome inactivation in an autoimmune disease-prone family. European Journal of Endocrinology, 2012, 167, 131-134.	1.9	7
93	Invasive mucormycosis during treatment for acute lymphoblastic leukaemiaâ€"successful management of two life-threatening diseases. Supportive Care in Cancer, 2020, 28, 2157-2161.	1.0	7
94	IVIG treatment of adenovirus infection-associated macrophage activation syndrome in a two-year-old boy: case report and review of the literature. Pediatric Hematology and Oncology, 2003, 20, 445-51.	0.3	7
95	Fatal EBV Infection and Variable Clinical Manifestations in an XLP-1 Pedigree â€“ Rapid Diagnosis of Primary Immunodeficiencies may Save Lives. Klinische Padiatrie, 2012, 224, 386-389.	0.2	5
96	Immune Thrombocytopenia in Two Unrelated Fanconi Anemia Patients Ã¢â‚¬â€œ A Mere Coincidence?. Frontiers in Pediatrics, 2015, 3, 50.	0.9	5
97	Baby genome screening: paving the way to genetic discrimination?. BMJ: British Medical Journal, 2017, 358, j3294.	2.4	5
98	Tick-borne encephalitis virus vaccine as additional alternative neoantigen for the clinical immunologist's toolbox. Journal of Allergy and Clinical Immunology, 2013, 131, 617.	1.5	3
99	Unrelated CD3/CD19-Depleted Peripheral Stem Cell Transplantation for Hurler Syndrome. Pediatric Hematology and Oncology, 2014, 31, 723-730.	0.3	3
100	Mannan-binding lectin deficiency attenuates acute GvHD in pediatric hematopoietic stem cell transplantation. Bone Marrow Transplantation, 2015, 50, 1127-1129.	1.3	3
101	Non-atopic IgE and eosinophil cationic protein after allogeneic hematopoietic stem cell transplantation in children. Annals of Hematology, 2012, 91, 949-956.	0.8	2
102	Chilblain lupus and steroidâ€responsive pancytopenia precede monosomy 7â€linked AML as manifestation of rasopathy. Pediatric Blood and Cancer, 2017, 64, e26724.	0.8	2
103	Successful Treatment with SCIG of a Child with Refractory Chronic ITP. Journal of Clinical Immunology, 2019, 39, 19-22.	2.0	2
104	IVIG Treatment of Adenovirus Infection-Associated Macrophage Activation Syndrome in a Two-Year-Old Boy: Case Report and Review of the Literature. Pediatric Hematology and Oncology, 2003, 20, 445-451.	0.3	2
105	Acute Promyelocytic Leukemia Complicated by Massive Intracerebral Hemorrhage: Safety and Efficacy of Replacing Conventional Chemotherapy with Arsenic Trioxide in an Adolescent. Klinische Padiatrie, 2013, 225, 172-173.	0.2	1
106	Thereâ€™s no such fool like an immunosenescent fool. Blood, 2015, 125, 741-742.	0.6	1
107	Lifeâ€threatening sinusoidal obstruction syndrome after highâ€dose chemotherapy linked to compound heterozygous mutations in ABCB11. Pediatric Blood and Cancer, 2017, 64, e26666.	0.8	1
108	Matched Family Donor Lymphocyte Infusions as First Cellular Therapy for Patients with Severe Primary T Cell Deficiencies. Transplantation and Cellular Therapy, 2021, 27, 93.e1-93.e8.	0.6	1

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109	An Autosomal-Recessive GFI1B Mutation Defines the Splice Isoform p37 As Essential for Biogenesis of Functional Human Platelets, but Dispensable for Erythropoiesis. Blood, 2016, 128, 2644-2644.	0.6	1
110	Granulocyte Transfusions for Treatment or Prophylaxis of Severe Infections in Immunocompromized Neutropenic Patients - A Randomized Clinical Trial.. Blood, 2006, 108, 2934-2934.	0.6	1
111	Immunological recovery following HLAâ€matched CD3+ TCR Î±ÃŸ+/CD19+ depleted hematopoietic stem cell transplantation in children. Pediatric Transplantation, 2022, , e14285.	0.5	1
112	EBMT GÃ¶teborg 29 Marchâ€“1 April 2009: inborn error and transplantation immunobiology minutes. Memo - Magazine of European Medical Oncology, 2009, 2, 182-183.	0.3	0
113	Long-Term Treatment Outcome in IPEX Syndrome Patients: An International Multicenter Retrospective Study. Biology of Blood and Marrow Transplantation, 2018, 24, S86-S87.	2.0	0
114	Complications of Immunosuppression in Pediatric Surgery. , 2021, , 351-361.		0
115	Low serum vitamin D levels in children treated for hematologic oncologic diseases. Bone Abstracts, 0, , .	0.0	0
116	Complications of Immunosuppression in Pediatric Surgery. , 2020, , 1-11.		0