

Dirk Holzinger

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

4,808
citations

87843

38
h-index

102432

66
g-index

95
all docs

95
docs citations

95
times ranked

6574
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Staphylococcus aureus</i> phenotype switching: an effective bacterial strategy to escape host immune response and establish a chronic infection. <i>EMBO Molecular Medicine</i> , 2011, 3, 129-141.	3.3	401
2	<i>Staphylococcus aureus</i> Panton-Valentine Leukocidin Is a Very Potent Cytotoxic Factor for Human Neutrophils. <i>PLoS Pathogens</i> , 2010, 6, e1000715.	2.1	356
3	Interleukin-18 diagnostically distinguishes and pathogenically promotes human and murine macrophage activation syndrome. <i>Blood</i> , 2018, 131, 1442-1455.	0.6	288
4	Effectiveness of First-Line Treatment With Recombinant Interleukin-1 Receptor Antagonist in Steroid-Naïve Patients With New-Onset Systemic Juvenile Idiopathic Arthritis: Results of a Prospective Cohort Study. <i>Arthritis and Rheumatology</i> , 2014, 66, 1034-1043.	2.9	213
5	Induction of MxA Gene Expression by Influenza A Virus Requires Type I or Type III Interferon Signaling. <i>Journal of Virology</i> , 2007, 81, 7776-7785.	1.5	205
6	Phagocyte-derived S100 proteins in autoinflammation: Putative role in pathogenesis and usefulness as biomarkers. <i>Clinical Immunology</i> , 2013, 147, 229-241.	1.4	142
7	The Toll-like receptor 4 agonist MRP8/14 protein complex is a sensitive indicator for disease activity and predicts relapses in systemic-onset juvenile idiopathic arthritis. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 974-980.	0.5	137
8	<i>Staphylococcus aureus</i> Panton-Valentine leukocidin induces an inflammatory response in human phagocytes via the NLRP3 inflammasome. <i>Journal of Leukocyte Biology</i> , 2012, 92, 1069-1081.	1.5	136
9	MRP8/14 serum levels as a strong predictor of response to biological treatments in patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 499-505.	0.5	130
10	Treatment to Target Using Recombinant Interleukin-1 Receptor Antagonist as First-Line Monotherapy in New-Onset Systemic Juvenile Idiopathic Arthritis: Results From a Five-Year Follow-Up Study. <i>Arthritis and Rheumatology</i> , 2019, 71, 1163-1173.	2.9	129
11	Periodic fever, aphthous stomatitis, pharyngitis, cervical adenitis syndrome is linked to dysregulated monocyte IL-1 β production. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1635-1643.	1.5	127
12	Phenotypic variability and disparities in treatment and outcomes of childhood arthritis throughout the world: an observational cohort study. <i>The Lancet Child and Adolescent Health</i> , 2019, 3, 255-263.	2.7	120
13	The danger from within: alarmins in arthritis. <i>Nature Reviews Rheumatology</i> , 2016, 12, 669-683.	3.5	111
14	Phagocyte-specific S100 proteins and high-sensitivity C reactive protein as biomarkers for a risk-adapted treatment to maintain remission in juvenile idiopathic arthritis: a comparative study. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 1991-1997.	0.5	103
15	Single amino acid charge switch defines clinically distinct proline-serine-threonine phosphatase-interacting protein 1 (PSTPIP1)-associated inflammatory diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1337-1345.	1.5	103
16	A subgroup of juvenile idiopathic arthritis patients who respond well to methotrexate are identified by the serum biomarker MRP8/14 protein. <i>Rheumatology</i> , 2013, 52, 1467-1476.	0.9	78
17	Characterization of the clinical and immunologic phenotype and management of 157 individuals with 56 distinct heterozygous NFKB1 mutations. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 901-911.	1.5	78
18	Initial presenting manifestations in 16,486 patients with inborn errors of immunity include infections and noninfectious manifestations. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 1332-1341.e5.	1.5	75

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19	Alarming consequences of autoinflammatory disease spectrum due to mutations in proline-serine-threonine phosphatase-interacting protein 1. <i>Current Opinion in Rheumatology</i> , 2016, 28, 550-559.	2.0	73
20	Practice and consensus-based strategies in diagnosing and managing systemic juvenile idiopathic arthritis in Germany. <i>Pediatric Rheumatology</i> , 2018, 16, 7.	0.9	72
21	Proinflammatory Cytokine Environments Can Drive Interleukin-17 Overexpression by $\gamma\delta$ T Cells in Systemic Juvenile Idiopathic Arthritis. <i>Arthritis and Rheumatology</i> , 2017, 69, 1480-1494.	2.9	71
22	Therapeutic options for CTLA-4 insufficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 736-746.	1.5	68
23	Extended clinical and immunological phenotype and transplant outcome in CD27 and CD70 deficiency. <i>Blood</i> , 2020, 136, 2638-2655.	0.6	64
24	Elevated S100A8/A9 and S100A12 Serum Levels Reflect Intraocular Inflammation in Juvenile Idiopathic Arthritis-Associated Uveitis: Results From a Pilot Study. , 2015, 56, 7653.		63
25	MRP8/14 serum levels as a predictor of response to starting and stopping anti-TNF treatment in juvenile idiopathic arthritis. <i>Arthritis Research and Therapy</i> , 2015, 17, 200.	1.6	60
26	From bench to bedside and back again: translational research in autoinflammation. <i>Nature Reviews Rheumatology</i> , 2015, 11, 573-585.	3.5	60
27	IL-6 Amplifies TLR Mediated Cytokine and Chemokine Production: Implications for the Pathogenesis of Rheumatic Inflammatory Diseases. <i>PLoS ONE</i> , 2014, 9, e107886.	1.1	58
28	Myeloid-Related Proteins 8 and 14 Contribute to Monosodium Urate Monohydrate Crystal-Induced Inflammation in Gout. <i>Arthritis and Rheumatology</i> , 2014, 66, 1327-1339.	2.9	58
29	MRP8 and MRP14, phagocyte-specific danger signals, are sensitive biomarkers of disease activity in cryopyrin-associated periodic syndromes. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 2075-2081.	0.5	57
30	HMGB1 Levels Are Increased in Patients with Juvenile Idiopathic Arthritis, Correlate with Early Onset of Disease, and Are Independent of Disease Duration. <i>Journal of Rheumatology</i> , 2013, 40, 1604-1613.	1.0	57
31	Gout Is a Chronic Inflammatory Disease in Which High Levels of Interleukin-8 (CXCL8), Myeloid-Related Protein 8/Myeloid-Related Protein 14 Complex, and an Altered Proteome Are Associated With Diabetes Mellitus and Cardiovascular Disease. <i>Arthritis and Rheumatology</i> , 2015, 67, 3303-3313.	2.9	51
32	Alarmins of the S100-Family in Juvenile Autoimmune and Auto-Inflammatory Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 182.	2.2	51
33	Review of biomarkers in systemic juvenile idiopathic arthritis: helpful tools or just playing tricks?. <i>Arthritis Research and Therapy</i> , 2016, 18, 163.	1.6	48
34	Rapid and simple detection of IFN-neutralizing antibodies in chronic hepatitis C non-responsive to IFN- α . <i>Journal of Medical Virology</i> , 2006, 78, 74-82.	2.5	47
35	Validation of Relapse Risk Biomarkers for Routine Use in Patients With Juvenile Idiopathic Arthritis. <i>Arthritis Care and Research</i> , 2014, 66, 949-955.	1.5	47
36	The role of interleukin-1 beta in the pathophysiology of Schnitzler's syndrome. <i>Arthritis Research and Therapy</i> , 2015, 17, 187.	1.6	45

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37	Octacalcium phosphate crystals induce inflammation in vivo through interleukin-1 but independent of the NLRP3 inflammasome in mice. <i>Arthritis and Rheumatism</i> , 2011, 63, 422-433.	6.7	44
38	Among the S100 proteins, S100A12 is the most significant marker for psoriasis disease activity. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2016, 30, 1165-1170.	1.3	43
39	Consensus protocols for the diagnosis and management of the hereditary autoinflammatory syndromes CAPS, TRAPS and MKD/HIDS: a German PRO-KIND initiative. <i>Pediatric Rheumatology</i> , 2020, 18, 17.	0.9	41
40	Subcutaneous Infection with <i>S. aureus</i> in Mice Reveals Association of Resistance with Influx of Neutrophils and Th2 Response. <i>Journal of Investigative Dermatology</i> , 2011, 131, 125-132.	0.3	39
41	The role of S100 proteins in the pathogenesis and monitoring of autoinflammatory diseases. <i>Molecular and Cellular Pediatrics</i> , 2018, 5, 7.	1.0	39
42	Synergistic Signaling of TLR and IFN- γ /IFN- β Facilitates Escape of IL-18 Expression from Endotoxin Tolerance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 526-539.	2.5	38
43	TBK1 and TNFRSF13B mutations and an autoinflammatory disease in a child with lethal COVID-19. <i>Npj Genomic Medicine</i> , 2021, 6, 55.	1.7	38
44	Correlation of Secretory Activity of Neutrophils With Genotype in Patients With Familial Mediterranean Fever. <i>Arthritis and Rheumatology</i> , 2016, 68, 3010-3022.	2.9	34
45	Translational research network and patient registry for auto-inflammatory diseases. <i>Rheumatology</i> , 2011, 50, 237-242.	0.9	32
46	Calcium and zinc tune autoinflammatory Toll-like receptor 4 signaling by S100A12. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1370-1373.e8.	1.5	29
47	Panton-Valentine Leukocidin associated with <i>S. aureus</i> osteomyelitis activates platelets via neutrophil secretion products. <i>Scientific Reports</i> , 2018, 8, 2185.	1.6	27
48	CD163 expression defines specific, IRF8-dependent, immune-modulatory macrophages in the bone marrow. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1137-1151.	1.5	27
49	The expanding spectrum of clinical phenotypes associated with <i>PSTPIP1</i> mutations: from PAPA to PAMI syndrome and beyond. <i>British Journal of Dermatology</i> , 2018, 178, 982-983.	1.4	25
50	A distinct CD38+CD45RA+ population of CD4+, CD8+, and double-negative T cells is controlled by FAS. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	25
51	S100A12 Is Associated with Response to Therapy in Juvenile Idiopathic Arthritis. <i>Journal of Rheumatology</i> , 2018, 45, 547-554.	1.0	22
52	Methotrexate intolerance in oral and subcutaneous administration in patients with juvenile idiopathic arthritis: a cross-sectional, observational study. <i>Clinical and Experimental Rheumatology</i> , 2016, 34, 148-54.	0.4	22
53	From Synovial Tissue to Peripheral Blood: Myeloid Related Protein 8/14 Is a Sensitive Biomarker for Effective Treatment in Early Drug Development in Patients with Rheumatoid Arthritis. <i>PLoS ONE</i> , 2014, 9, e106253.	1.1	21
54	A Personalized Approach to Biological Therapy Using Prediction of Clinical Response Based on MRP8/14 Serum Complex Levels in Rheumatoid Arthritis Patients. <i>PLoS ONE</i> , 2016, 11, e0152362.	1.1	20

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55	Peripheral blood monocytes reveal an activated phenotype in pediatric uveitis. <i>Clinical Immunology</i> , 2018, 190, 84-88.	1.4	19
56	Increased serum concentrations of neutrophil-derived protein S100A12 in heterozygous carriers of MEFV mutations. <i>Clinical and Experimental Rheumatology</i> , 2015, 33, S113-6.	0.4	19
57	Genotype-Phenotype and Genotype-Origin Correlations in Children with Mediterranean Fever in Germany – an AID-Net Study. <i>Klinische Padiatrie</i> , 2013, 225, 325-330.	0.2	18
58	Molecular signature characterisation of different inflammatory phenotypes of systemic juvenile idiopathic arthritis. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1107-1113.	0.5	18
59	HSCT is effective in patients with PSTPIP1-associated myeloid-related proteinemia inflammatory (PAMI) syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 250-255.e1.	1.5	18
60	Biallelic <i>PI4KA</i> variants cause neurological, intestinal and immunological disease. <i>Brain</i> , 2021, 144, 3597-3610.	3.7	17
61	Alarmins firing arthritis: Helpful diagnostic tools and promising therapeutic targets. <i>Joint Bone Spine</i> , 2017, 84, 401-410.	0.8	16
62	Serum S100 Proteins as a Marker of Disease Activity in Large Vessel Vasculitis. <i>Journal of Clinical Rheumatology</i> , 2018, 24, 393-395.	0.5	16
63	Definition and validation of serum biomarkers for optimal differentiation of hyperferritinaemic cytokine storm conditions in children: a retrospective cohort study. <i>Lancet Rheumatology</i> , The, 2021, 3, e563-e573.	2.2	14
64	Prevention of disease flares by risk-adapted stratification of therapy withdrawal in juvenile idiopathic arthritis: results from the PREVENT-JIA trial. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 990-997.	0.5	13
65	Role of proteinase-activated receptor-2 in anti-bacterial and immunomodulatory effects of interferon- β on human neutrophils and monocytes. <i>Immunology</i> , 2011, 133, 329-339.	2.0	12
66	MRP8/14 serum levels as diagnostic markers for systemic juvenile idiopathic arthritis in children with prolonged fever. <i>Rheumatology</i> , 2022, 61, 3082-3092.	0.9	12
67	Rubella vaccine-induced granulomas are a novel phenotype with incomplete penetrance of genetic defects in cytotoxicity. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 388-399.e4.	1.5	11
68	PAPA Syndrome and the Spectrum of PSTPIP1-Associated Inflammatory Diseases. , 2019, , 39-59.		7
69	HSV-1 Viremia as a Potential Cause of Febrile Neutropenia in an Immunocompromised Child. <i>Journal of Pediatric Hematology/Oncology</i> , 2010, 32, e19-e21.	0.3	6
70	Haematological involvement associated with a mild autoinflammatory phenotype, in two patients carrying the E250K mutation of PSTPIP1. <i>Clinical and Experimental Rheumatology</i> , 2017, 35 Suppl 108, 113-115.	0.4	6
71	Soluble CD163 masks fibronectin-binding protein A-mediated inflammatory activation of <i>Staphylococcus aureus</i> infected monocytes. <i>Cellular Microbiology</i> , 2014, 16, 364-377.	1.1	5
72	Use of MRP8/14 in clinical practice as a predictor of outcome after methotrexate withdrawal in patients with juvenile idiopathic arthritis. <i>Clinical Rheumatology</i> , 2022, 41, 2825-2830.	1.0	3

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73	S100A12 as diagnostic tool in the differential diagnosis of sJIA associated MAS vs. hereditary or acquired HLH. <i>Pediatric Rheumatology</i> , 2015, 13, .	0.9	2
74	The German version of the Juvenile Arthritis Multidimensional Assessment Report (JAMAR). <i>Rheumatology International</i> , 2018, 38, 211-218.	1.5	2
75	S100 Proteins in Autoinflammation. , 2019, , 149-163.		2
76	A Retrospective Analysis of Rituximab Treatment for B Cell Depletion in Different Pediatric Indications. <i>Frontiers in Pediatrics</i> , 2021, 9, 651323.	0.9	2
77	Intolerance in oral versus subcutaneous administration of methotrexate in patients with juvenile idiopathic arthritis: a cross-sectional, observational study. <i>Pediatric Rheumatology</i> , 2014, 12, .	0.9	1
78	Evaluation of the danger signal HMGB1 as a potential biomarker in juvenile idiopathic arthritis (JIA): a preliminary study using the novel biobank jabba. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A10.2-A11.	0.5	1
79	BSR and BHPR plenary oral: OP1. An Inflammatory Marker and Response to Methotrexate in Childhood Arthritis: CHARM Study. <i>Rheumatology</i> , 2011, 50, iii29-iii30.	0.9	0
80	Biomarkers in Inflammatory Childhood Diseases. <i>Mediators of Inflammation</i> , 2013, 2013, 1-2.	1.4	0
81	A10.19â€¦MRP8/14 Serum Complexes as Predictor of Response to Biological Treatments in Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A78.3-A79.	0.5	0
82	IL-18 production upon s100 stimulation is reduced in active sJIA patients compared to sJIA patients in remission and healthy controls. <i>Pediatric Rheumatology</i> , 2014, 12, .	0.9	0
83	Place des dosages de protéines S100A12 et/ou de l'œchographie articulaire dans la gestion des traitements chez des patients AJI en rœmission complœte ; une œtude pilote chez 13 patients. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2016, 83, A76-A77.	0.0	0
84	MAS in der pœdiatrischen Rheumatologie. <i>Springer Reference Medizin</i> , 2021, , 1-8.	0.0	0
85	Systemische Verlaufsform der juvenilen idiopathischen Arthritis (Morbus Still). <i>Springer Reference Medizin</i> , 2021, , 1-19.	0.0	0