Christoph Kessel

List of Publications by Year
in descending order

46 papers	1,305 citations	394421 19 h-index	361022 35 g-index
49 all docs	49 docs citations	49 times ranked	1984 citing authors

#	Article	IF	Citations
1	Proinflammatory S100A12 Can Activate Human Monocytes via Toll-like Receptor 4. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 1324-1334.	5.6	146
2	Phagocyte-derived S100 proteins in autoinflammation: Putative role in pathogenesis and usefulness as biomarkers. Clinical Immunology, 2013, 147, 229-241.	3.2	142
3	Genetic and environmental determinants for disease risk in subsets of rheumatoid arthritis defined by the anticitrullinated protein/peptide antibody fine specificity profile. Annals of the Rheumatic Diseases, 2013, 72, 652-658.	0.9	137
4	Antibodies to citrullinated proteins: molecular interactions and arthritogenicity. Immunological Reviews, 2010, 233, 9-33.	6.0	83
5	Proinflammatory Cytokine Environments Can Drive Interleukinâ€17 Overexpression by Î³/Î´ T Cells in Systemic Juvenile Idiopathic Arthritis. Arthritis and Rheumatology, 2017, 69, 1480-1494.	5.6	71
6	From bench to bedside and back again: translational research in autoinflammation. Nature Reviews Rheumatology, 2015, 11, 573-585.	8.0	60
7	Monocyteâ€Derived Interleukinâ€1Î² As the Driver of S100A12â€Induced Sterile Inflammatory Activation of Human Coronary Artery Endothelial Cells: Implications for the Pathogenesis of Kawasaki Disease. Arthritis and Rheumatology, 2019, 71, 792-804.	5.6	50
8	Review of biomarkers in systemic juvenile idiopathic arthritis: helpful tools or just playing tricks?. Arthritis Research and Therapy, 2016, 18, 163.	3.5	48
9	The role of S100 proteins in the pathogenesis and monitoring of autoinflammatory diseases. Molecular and Cellular Pediatrics, 2018, 5, 7.	1.8	39
10	Synergistic Signaling of TLR and IFNÎ±/Î² Facilitates Escape of IL-18 Expression from Endotoxin Tolerance. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 526-539.	5.6	38
11	Discrimination of COVIDâ€19 From Inflammationâ€Induced Cytokine Storm Syndromes Using Diseaseâ€Related Blood Biomarkers. Arthritis and Rheumatology, 2021, 73, 1791-1799.	5.6	36
12	Correlation of Secretory Activity of Neutrophils With Genotype in Patients With Familial Mediterranean Fever. Arthritis and Rheumatology, 2016, 68, 3010-3022.	5.6	34
13	Innately Adaptive or Truly Autoimmune: Is There Something Unique About Systemic Juvenile Idiopathic Arthritis?. Arthritis and Rheumatology, 2020, 72, 210-219.	5.6	33
14	Autoantibodies against interleukin-1 receptor antagonist in multisystem inflammatory syndrome in children: a multicentre, retrospective, cohort study. Lancet Rheumatology, The, 2022, 4, e329-e337.	3.9	33
15	Vitamin D deficiency is associated with higher disease activity and the risk for uveitis in juvenile idiopathic arthritis - data from a German inception cohort. Arthritis Research and Therapy, 2018, 20, 276.	3.5	32
16	Calcium and zinc tune autoinflammatory Toll-like receptor 4 signaling by S100A12. Journal of Allergy and Clinical Immunology, 2018, 142, 1370-1373.e8.	2.9	29
17	Serum biomarkers confirming stable remission in inflammatory bowel disease. Scientific Reports, 2021, 11, 6690.	3.3	25
18	Geneâ€"Dose Effect of MEFV Gain-of-Function Mutations Determines ex vivo Neutrophil Activation in Familial Mediterranean Fever. Frontiers in Immunology, 2020, 11, 716.	4.8	23

#	Article	IF	Citations
19	A Single Functional Group Substitution in C5a Breaks B Cell and T Cell Tolerance and Protects Against Experimental Arthritis. Arthritis and Rheumatology, 2014, 66, 610-621.	5.6	22
20	Tofacitinib Reprograms Human Monocytes of IBD Patients and Healthy Controls Toward a More Regulatory Phenotype. Inflammatory Bowel Diseases, 2020, 26, 391-406.	1.9	21
21	Humoral immune responsiveness to a defined epitope on factor VIII before and after B cell ablation with rituximab. Molecular Immunology, 2008, 46, 8-15.	2.2	20
22	A dysregulated interleukin-18â€"interferon-Î³â€"CXCL9 axis impacts treatment response to canakinumab in systemic juvenile idiopathic arthritis. Rheumatology, 2021, 60, 5165-5174.	1.9	20
23	Application of systems biology-based in silico tools to optimize treatment strategy identification in Stillâ€™s disease. Arthritis Research and Therapy, 2021, 23, 126.	3.5	19
24	Molecular signature characterisation of different inflammatory phenotypes of systemic juvenile idiopathic arthritis. Annals of the Rheumatic Diseases, 2019, 78, 1107-1113.	0.9	18
25	S100A12 Serum Levels and PMN Counts Are Elevated in Childhood Systemic Vasculitides Especially Involving Proteinase 3 Specific Anti-neutrophil Cytoplasmic Antibodies. Frontiers in Pediatrics, 2018, 6, 341.	1.9	16
26	MRP8/14 and neutrophil elastase for predicting treatment response and occurrence of flare in patients with juvenile idiopathic arthritis. Rheumatology, 2020, 59, 2392-2401.	1.9	14
27	Definition and validation of serum biomarkers for optimal differentiation of hyperferritinaemic cytokine storm conditions in children: a retrospective cohort study. Lancet Rheumatology, The, 2021, 3, e563-e573.	3.9	14
28	Prevention of disease flares by risk-adapted stratification of therapy withdrawal in juvenile idiopathic arthritis: results from the PREVENT-JIA trial. Annals of the Rheumatic Diseases, 2022, 81, 990-997.	0.9	13
29	MRP8/14 serum levels as diagnostic markers for systemic juvenile idiopathic arthritis in children with prolonged fever. Rheumatology, 2022, 61, 3082-3092.	1.9	12
30	Impact of <i>IL1RN</i> Variants on Response to Interleukinâ€1 Blocking Therapy in Systemic Juvenile Idiopathic Arthritis. Arthritis and Rheumatology, 2020, 72, 499-505.	5.6	11
31	Trajectories of disease courses in the inception cohort of newly diagnosed patients with JIA (ICON-JIA): the potential of serum biomarkers at baseline. Pediatric Rheumatology, 2021, 19, 64.	2.1	11
32	Peptide mimotopes selected with HIVâ€1â€blocking monoclonal antibodies against CCR5 represent motifs specific for HIVâ€1 entry. Immunology and Cell Biology, 2007, 85, 511-517.	2.3	8
33	Multimerization of Peptide Mimotopes for Blocking of Factor VIII Neutralizing Antibodies. ChemMedChem, 2009, 4, 1364-1370.	3.2	7
34	Ligand Mediated Targeting of FVIII Inhibitor Specific Primary B Cells Via Surface Immunoglobulin.. Blood, 2005, 106, 3206-3206.	1.4	4
35	Soluble interleukin-2 receptor serum levels facilitate prediction of relapses in subgroups of patients with juvenile idiopathic arthritis. Rheumatology, 2022, , .	1.9	4
36	An Immunological Axis Involving Interleukin 1Î² and Leucine-Rich-Î±2-Glycoprotein Reflects Therapeutic Response of Children with Kawasaki Disease: Implications from the KAWAKINRA Trial. Journal of Clinical Immunology, 2022, 42, 1330-1341.	3.8	4

#	Article	IF	Citations
37	Proteomics in Chronic Arthritisâ€"Will We Finally Have Useful Biomarkers?. Current Rheumatology Reports, 2018, 20, 53.	4.7	2
38	S100 Proteins in Autoinflammation. , 2019, , 149-163.		2
39	SAT0497â€...CLINICAL PICTURE OF 7 PAPA PATIENTS FOLLOWED IN A SINGLE PEDIATRIC RHEUMATOLOGIC CENTER. , 2019, , .		0
40	AB1069â€...HYPERZINCAEMIA AND HYPERCALPROTECTINEMIA SYNDROME: MORE THAN JUST AUTOINFLAMMATION?. , 2019, , .		0
41	Purification of Human S100A12 and Its Ion-induced Oligomers for Immune Cell Stimulation. Journal of Visualized Experiments, 2019, , .	0.3	0
42	Epitope Mapping of Inhibitors in Acquired Hemophilia by Phage Display.. Blood, 2005, 106, 3202-3202.	1.4	0
43	Inhibitor Epitopes Identified from Inhibitor Positive Plasma of a Hemophilia B Patient Change during ITT.. Blood, 2005, 106, 3201-3201.	1.4	0
44	Response to Anti CD20 Monoclonal Antibody RituximabÂ® and Epitope Mapping of Inhibitory Antibodies in Patients with Acquired Haemophilia.. Blood, 2006, 108, 1044-1044.	1.4	0
45	Peptide Multimers for Binding of Factor VIII Inhibitors.. Blood, 2008, 112, 1224-1224.	1.4	0
46	Epitope Mapping of FIX Inhibitors Identify Contact Residues in the Protease Domain.. Blood, 2009, 114, 3172-3172.	1.4	0