

Johannes Roth

List of Publications by Year in descending order

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Version: 2024-02-01

156
papers

10,500
citations

44069

48
h-index

38395

95
g-index

160
all docs

160
docs citations

160
times ranked

12644
citing authors

#	ARTICLE	IF	CITATIONS
1	MRP8/14 serum levels as diagnostic markers for systemic juvenile idiopathic arthritis in children with prolonged fever. <i>Rheumatology</i> , 2022, 61, 3082-3092.	1.9	12
2	K2P18.1 translates T cell receptor signals into thymic regulatory T cell development. <i>Cell Research</i> , 2022, 32, 72-88.	12.0	14
3	In vivo imaging of microenvironmental and anti-PD-L1-mediated dynamics in cancer using S100A8/S100A9 as an imaging biomarker. <i>Neoplasia</i> , 2022, 28, 100792.	5.3	2
4	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.	2.2	3
5	C/EBP β -induced epigenetic changes control the dynamic gene transcription of S100a8 and S100a9. <i>ELife</i> , 2022, 11, .	6.0	8
6	Analysis of monocyte cell tractions in 2.5D reveals mesoscale mechanics of podosomes during substrate-indenting cell protrusion. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	8
7	The Good and the Bad: Monocytes TM and Macrophages TM Diverse Functions in Inflammation. <i>Cells</i> , 2022, 11, 1979.	4.1	39
8	Hepatic non-parenchymal S100A9-TLR4-mTORC1 axis normalizes diabetic ketogenesis. <i>Nature Communications</i> , 2022, 13, .	12.8	6
9	Soluble Low-density Lipoprotein Receptor-related Protein 1 in Juvenile Idiopathic Arthritis. <i>Journal of Rheumatology</i> , 2021, 48, 760-766.	2.0	0
10	S100A9-Imaging Enables Estimation of Early Therapy-Mediated Changes in the Inflammatory Tumor Microenvironment. <i>Biomedicines</i> , 2021, 9, 29.	3.2	1
11	Subcutaneous dosing regimens of tocilizumab in children with systemic or polyarticular juvenile idiopathic arthritis. <i>Rheumatology</i> , 2021, 60, 4568-4580.	1.9	18
12	Immune Resolution Dilemma: Host Antimicrobial Factor S100A8/A9 Modulates Inflammatory Collateral Tissue Damage During Disseminated Fungal Peritonitis. <i>Frontiers in Immunology</i> , 2021, 12, 553911.	4.8	7
13	S100A8/A9 is the first predictive marker for neonatal sepsis. <i>Clinical and Translational Medicine</i> , 2021, 11, e338.	4.0	9
14	Development and reliability of a novel ultrasonographic joint-specific scoring system for synovitis with reference atlas for patients with juvenile idiopathic arthritis. <i>RMD Open</i> , 2021, 7, e001581.	3.8	7
15	Clinical and psychosocial stress factors are associated with decline in physical activity over time in children with juvenile idiopathic arthritis. <i>Pediatric Rheumatology</i> , 2021, 19, 97.	2.1	8
16	Ultrasound findings of finger, wrist and knee joints in Mucopolysaccharidosis Type I. <i>Molecular Genetics and Metabolism</i> , 2021, 133, 289-296.	1.1	3
17	Higher concentrations of vitamin D in Canadian children with juvenile idiopathic arthritis compared to healthy controls are associated with more frequent use of vitamin D supplements and season of birth. <i>Nutrition Research</i> , 2021, 92, 139-149.	2.9	5
18	S100A8/A9 is not essential for the development of inflammation and joint pathology in interleukin-1 receptor antagonist knockout mice. <i>Arthritis Research and Therapy</i> , 2021, 23, 216.	3.5	3

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19	Characterization of physical literacy in children with chronic medical conditions compared with healthy controls: a cross-sectional study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1073-1082.	1.9	7
20	Elongated neutrophil-derived structures are blood-borne microparticles formed by rolling neutrophils during sepsis. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	29
21	Nox2 Deficiency Reduces Cartilage Damage and Ectopic Bone Formation in an Experimental Model for Osteoarthritis. <i>Antioxidants</i> , 2021, 10, 1660.	5.1	7
22	Dr. Solmaz, et al reply. <i>Journal of Rheumatology</i> , 2021, 48, 619-620.	2.0	0
23	Worse Quality of Life, Function, and Pain in Children With Enthesitis, Irrespective of Their Juvenile Arthritis Category. <i>Arthritis Care and Research</i> , 2020, 72, 441-446.	3.4	15
24	Real-World Effectiveness of Common Treatment Strategies for Juvenile Idiopathic Arthritis: Results From a Canadian Cohort. <i>Arthritis Care and Research</i> , 2020, 72, 897-906.	3.4	14
25	Reactivation of dormant tumor cells by modified lipids derived from stress-activated neutrophils. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	107
26	The alarmins S100A8 and S100A9 mediate acute pain in experimental synovitis. <i>Arthritis Research and Therapy</i> , 2020, 22, 199.	3.5	7
27	S100A8 and S100A9 Are Important for Postnatal Development of Gut Microbiota and Immune System in Mice and Infants. <i>Gastroenterology</i> , 2020, 159, 2130-2145.e5.	1.3	64
28	Imaging and rheumatic and musculoskeletal diseases. <i>Best Practice and Research in Clinical Rheumatology</i> , 2020, 34, 101642.	3.3	0
29	Emergence of Musculoskeletal Ultrasound Use in Pediatric Rheumatology. <i>Current Rheumatology Reports</i> , 2020, 22, 14.	4.7	9
30	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.	2.9	27
31	Pervasive head-to-tail insertions of DNA templates mask desired CRISPR-Cas9-mediated genome editing events. <i>Science Advances</i> , 2020, 6, eaax2941.	10.3	62
32	Clinical and associated inflammatory biomarker features predictive of short-term outcomes in non-systemic juvenile idiopathic arthritis. <i>Rheumatology</i> , 2020, 59, 2402-2411.	1.9	11
33	Elevation of inflammatory S100A8/S100A9 complexes in intracranial aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1117-1121.	3.3	6
34	Enthesal Changes in Response to Age, Body Mass Index, and Physical Activity: An Ultrasound Study in Healthy People. <i>Journal of Rheumatology</i> , 2020, 47, 968-972.	2.0	45
35	Interleukin 17 Promotes Expression of Alarmins S100A8 and S100A9 During the Inflammatory Response of Keratinocytes. <i>Frontiers in Immunology</i> , 2020, 11, 599947.	4.8	30
36	Juvenile-Versus Adult-Onset Spondyloarthritis. <i>Rheumatic Disease Clinics of North America</i> , 2020, 46, 241-257.	1.9	11

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37	Distinct interferon signatures and cytokine patterns define additional systemic autoinflammatory diseases. <i>Journal of Clinical Investigation</i> , 2020, 130, 1669-1682.	8.2	142
38	Imaging in rheumatic and musculoskeletal conditions: State of the art and challenges. <i>Best Practice and Research in Clinical Rheumatology</i> , 2020, 34, 101643.	3.3	0
39	Differential pattern of Doppler signals at lower-extremity entheses of healthy children. <i>Pediatric Radiology</i> , 2019, 49, 1335-1343.	2.0	17
40	Muscle problems in juvenile-onset acid maltase deficiency (Pompe disease). <i>Paediatrics and Child Health</i> , 2019, 24, 270-271.	0.6	2
41	More Than Suppression: Glucocorticoid Action on Monocytes and Macrophages. <i>Frontiers in Immunology</i> , 2019, 10, 2028.	4.8	126
42	Emergent high fatality lung disease in systemic juvenile arthritis. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1722-1731.	0.9	122
43	The alarmin S100A9 hampers osteoclast differentiation from human circulating precursors by reducing the expression of RANK. <i>FASEB Journal</i> , 2019, 33, 10104-10115.	0.5	9
44	IL-1 β -Mediated Activation of Adipose-Derived Mesenchymal Stromal Cells Results in PMN Reallocation and Enhanced Phagocytosis: A Possible Mechanism for the Reduction of Osteoarthritis Pathology. <i>Frontiers in Immunology</i> , 2019, 10, 1075.	4.8	16
45	Signaling mechanisms inducing hyporesponsiveness of phagocytes during systemic inflammation. <i>Blood</i> , 2019, 134, 134-146.	1.4	39
46	Teriflunomide treatment for multiple sclerosis modulates T cell mitochondrial respiration with affinity-dependent effects. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	92
47	Alarmins of the S100-Family in Juvenile Autoimmune and Auto-Inflammatory Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 182.	4.8	51
48	Safeguard function of PU.1 shapes the inflammatory epigenome of neutrophils. <i>Nature Immunology</i> , 2019, 20, 546-558.	14.5	40
49	The Elusive but Painful Subtalar Joint in Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2019, 46, 333-336.	2.0	2
50	Impaired cellular energy metabolism in cord blood macrophages contributes to abortive response toward inflammatory threats. <i>Nature Communications</i> , 2019, 10, 1685.	12.8	41
51	Aryl Hydrocarbon Receptor-Signaling Regulates Early <i>Leishmania major</i> -Induced Cytokine Expression. <i>Frontiers in Immunology</i> , 2019, 10, 2442.	4.8	4
52	Circulating calprotectin (S100A8/A9) is higher in rheumatoid arthritis patients that relapse within 12 months of tapering anti-rheumatic drugs. <i>Arthritis Research and Therapy</i> , 2019, 21, 268.	3.5	19
53	Novel Ultrasound Image Acquisition Protocol and Scoring System for the Pediatric Knee. <i>Arthritis Care and Research</i> , 2019, 71, 977-985.	3.4	36
54	Predictive Value of Musculoskeletal Ultrasound for Flares in Juvenile Idiopathic Arthritis. <i>Journal of Rheumatology</i> , 2019, 46, 113.1-113.	2.0	6

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55	Role of myeloid regulatory cells (MRCs) in maintaining tissue homeostasis and promoting tolerance in autoimmunity, inflammatory disease and transplantation. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 661-672.	4.2	47
56	Sensitivity, specificity, and reliability of the Get Active Questionnaire for identifying children with medically necessary special considerations for physical activity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 736-743.	1.9	1
57	Elevated serum levels of alarmin S100A8/A9 in patients with hand osteoarthritis. <i>Clinical and Experimental Rheumatology</i> , 2019, 37, 885.	0.8	1
58	Blockade of Myeloid-Derived Suppressor Cell Expansion with All-trans Retinoic Acid Increases the Efficacy of Antiangiogenic Therapy. <i>Cancer Research</i> , 2018, 78, 3220-3232.	0.9	84
59	Imaging in juvenile idiopathic arthritis – international initiatives and ongoing work. <i>Pediatric Radiology</i> , 2018, 48, 828-834.	2.0	12
60	Allergen-Specific Low Zone Tolerance Is Independent of MRP8/14-, TLR4-, TLR7-, and TLR9-Mediated Immune Processes. <i>Journal of Investigative Dermatology</i> , 2018, 138, 452-455.	0.7	3
61	Trajectories of pain severity in juvenile idiopathic arthritis: results from the Research in Arthritis in Canadian Children Emphasizing Outcomes cohort. <i>Pain</i> , 2018, 159, 57-66.	4.2	29
62	In Vivo Imaging of Pro- and Antitumoral Cellular Components of the Tumor Microenvironment. <i>Journal of Nuclear Medicine</i> , 2018, 59, 183-188.	5.0	24
63	Reliability of ultrasonography to detect inflammatory lesions and structural damage in juvenile idiopathic arthritis. <i>Pediatric Rheumatology</i> , 2018, 16, 58.	2.1	27
64	Imaging, myeloid precursor immortalization, and genome editing for defining mechanisms of leukocyte recruitment <i>in vivo</i> . <i>Theranostics</i> , 2018, 8, 2407-2423.	10.0	23
65	Temporal window for detection of inflammatory disease using dynamic cell tracking with time-lapse MRI. <i>Scientific Reports</i> , 2018, 8, 9563.	3.3	13
66	Nur77 serves as a molecular brake of the metabolic switch during T cell activation to restrict autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8017-E8026.	7.1	93
67	Nrf2 Is a Central Regulator of Metabolic Reprogramming of Myeloid-Derived Suppressor Cells in Steady State and Sepsis. <i>Frontiers in Immunology</i> , 2018, 9, 1552.	4.8	44
68	S100 proteins in rheumatic diseases. <i>Nature Reviews Rheumatology</i> , 2018, 14, 528-541.	8.0	103
69	Increased Plasma Levels of Danger-Associated Molecular Patterns Are Associated With Immune Suppression and Postoperative Infections in Patients Undergoing Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy. <i>Frontiers in Immunology</i> , 2018, 9, 663.	4.8	35
70	Peroxisome Proliferator-Activated Receptor- β Modulates the Response of Macrophages to Lipopolysaccharide and Glucocorticoids. <i>Frontiers in Immunology</i> , 2018, 9, 893.	4.8	105
71	Fc γ 3 receptor-mediated influx of S100A8/A9-producing neutrophils as inducer of bone erosion during antigen-induced arthritis. <i>Arthritis Research and Therapy</i> , 2018, 20, 80.	3.5	13
72	Autoinhibitory regulation of S100A8/S100A9 alarmin activity locally restricts sterile inflammation. <i>Journal of Clinical Investigation</i> , 2018, 128, 1852-1866.	8.2	166

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73	Dual action by fumaric acid esters synergistically reduces adhesion to human endothelium. Multiple Sclerosis Journal, 2018, 24, 1871-1882.	3.0	21
74	S100-alarmins: potential therapeutic targets for arthritis. Expert Opinion on Therapeutic Targets, 2017, 21, 738-750.	3.4	38
75	S100-alarmin-induced innate immune programming protects newborn infants from sepsis. Nature Immunology, 2017, 18, 622-632.	14.5	131
76	Genetic modification of ER-Hoxb8 osteoclast precursors using CRISPR/Cas9 as a novel way to allow studies on osteoclast biology. Journal of Leukocyte Biology, 2017, 101, 957-966.	3.3	14
77	In neonates S100A8/S100A9 alarmins prevent the expansion of a specific inflammatory monocyte population promoting septic shock. FASEB Journal, 2017, 31, 1153-1164.	0.5	35
78	Challenges of Diagnosing Cognitive Dysfunction With Neuropsychiatric Systemic Lupus Erythematosus in Childhood. Arthritis Care and Research, 2017, 69, 1449-1459.	3.4	18
79	Transcriptome profiling of mouse colonic eosinophils reveals a key role for eosinophils in the induction of s100a8 and s100a9 in mucosal healing. Scientific Reports, 2017, 7, 7117.	3.3	18
80	Preliminary Definitions for the Sonographic Features of Synovitis in Children. Arthritis Care and Research, 2017, 69, 1217-1223.	3.4	85
81	Frequency and Duration of Adrenal Suppression Following Glucocorticoid Therapy in Children With Rheumatic Diseases. Arthritis Care and Research, 2017, 69, 1224-1230.	3.4	16
82	Alarmin S100A8 Activates Alveolar Epithelial Cells in the Context of Acute Lung Injury in a TLR4-Dependent Manner. Frontiers in Immunology, 2017, 8, 1493.	4.8	49
83	High Amounts of S100-Alarmins Confer Antimicrobial Activity on Human Breast Milk Targeting Pathogens Relevant in Neonatal Sepsis. Frontiers in Immunology, 2017, 8, 1822.	4.8	24
84	Growth and weight gain in children with juvenile idiopathic arthritis: results from the ReACCh-Out cohort. Pediatric Rheumatology, 2017, 15, 68.	2.1	39
85	S100A8/A9 increases the mobilization of pro-inflammatory Ly6Chigh monocytes to the synovium during experimental osteoarthritis. Arthritis Research and Therapy, 2017, 19, 217.	3.5	31
86	Calcium-mediated actin reset (CaAR) mediates acute cell adaptations. ELife, 2016, 5, .	6.0	121
87	CREM Alpha Enhances IL-21 Production in T Cells In Vivo and In Vitro. Frontiers in Immunology, 2016, 7, 618.	4.8	9
88	S100A8/A9, a potent serum and molecular imaging biomarker for synovial inflammation and joint destruction in seronegative experimental arthritis. Arthritis Research and Therapy, 2016, 18, 247.	3.5	20
89	Ultrasonography in pediatric rheumatology in Latin America. Expanding the frontiers. Clinical Rheumatology, 2016, 35, 1077-1080.	2.2	4
90	The farnesoid-X-receptor in myeloid cells controls CNS autoimmunity in an IL-10-dependent fashion. Acta Neuropathologica, 2016, 132, 413-431.	7.7	26

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91	S100A8/A9: From basic science to clinical application. , 2016, 167, 120-131.		294
92	Alarmin S100A9 Induces Proinflammatory and Catabolic Effects Predominantly in the M1 Macrophages of Human Osteoarthritic Synovium. <i>Journal of Rheumatology</i> , 2016, 43, 1874-1884.	2.0	58
93	Imaging in Juvenile Spondyloarthritis. <i>Current Rheumatology Reports</i> , 2016, 18, 75.	4.7	14
94	The risk and nature of flares in juvenile idiopathic arthritis: results from the ReACCh-Out cohort. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1092-1098.	0.9	72
95	Sodium chloride promotes pro-inflammatory macrophage polarization thereby aggravating CNS autoimmunity. <i>Journal of Autoimmunity</i> , 2016, 67, 90-101.	6.5	136
96	Incident Vertebral Fractures and Risk Factors in the First Three Years Following Glucocorticoid Initiation Among Pediatric Patients With Rheumatic Disorders. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1667-1675.	2.8	94
97	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
98	Single amino acid charge switch defines clinically distinct proline-serine-threonine phosphatase-interacting protein 1 (PSTPIP1)â€“associated inflammatory diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1337-1345.	2.9	103
99	Optical In Vivo Imaging of the Alarmin S100A9 in Tumor Lesions Allows for Estimation of the Individual Malignant Potential by Evaluation of Tumorâ€“Host Cell Interaction. <i>Journal of Nuclear Medicine</i> , 2015, 56, 450-456.	5.0	30
100	Extracellular MRP8/14 is a regulator of Î²2 integrin-dependent neutrophil slow rolling and adhesion. <i>Nature Communications</i> , 2015, 6, 6915.	12.8	141
101	Transcriptome Assessment Reveals a Dominant Role for TLR4 in the Activation of Human Monocytes by the Alarmin MRP8. <i>Journal of Immunology</i> , 2015, 194, 575-583.	0.8	68
102	The calcium-binding protein complex S100A8/A9 has a crucial role in controlling macrophage-mediated renal repair following ischemia/reperfusion. <i>Kidney International</i> , 2015, 87, 85-94.	5.2	63
103	Expression and Function of S100A8/A9 (Calprotectin) in Human Typhoid Fever and the Murine Salmonella Model. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003663.	3.0	31
104	The OMERACT Ultrasound Working Group 10 Years On: Update at OMERACT 12. <i>Journal of Rheumatology</i> , 2015, 42, 2172-2176.	2.0	25
105	Myeloid-related protein-14 deficiency promotes inflammation in staphylococcal pneumonia. <i>European Respiratory Journal</i> , 2015, 46, 464-473.	6.7	26
106	Common normal variants of pediatric vertebral development that mimic fractures: a pictorial review from a national longitudinal bone health study. <i>Pediatric Radiology</i> , 2015, 45, 593-605.	2.0	49
107	Myeloid-Related Protein 14 Promotes Inflammation and Injury in Meningitis. <i>Journal of Infectious Diseases</i> , 2015, 212, 247-257.	4.0	30
108	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.	0.9	130

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109	Definitions for the Sonographic Features of Joints in Healthy Children. <i>Arthritis Care and Research</i> , 2015, 67, 136-142.	3.4	88
110	The cAMP response element modulator (CREM) regulates TH2 mediated inflammation. <i>Oncotarget</i> , 2015, 6, 38538-38551.	1.8	15
111	Alarmins MRP8 and MRP14 Induce Stress Tolerance in Phagocytes under Sterile Inflammatory Conditions. <i>Cell Reports</i> , 2014, 9, 2112-2123.	6.4	118
112	Myeloid-related protein-8/14 facilitates bacterial growth during pneumococcal pneumonia. <i>Thorax</i> , 2014, 69, 1034-1042.	5.6	36
113	Alarmin S100A8/S100A9 as a biomarker for molecular imaging of local inflammatory activity. <i>Nature Communications</i> , 2014, 5, 4593.	12.8	150
114	Procedural pain and patient-reported side effects with weekly injections of subcutaneous Methotrexate in children with rheumatic disorders. <i>Pediatric Rheumatology</i> , 2014, 12, 54.	2.1	15
115	Responsiveness in Rheumatoid Arthritis. A Report from the OMERACT 11 Ultrasound Workshop. <i>Journal of Rheumatology</i> , 2014, 41, 379-382.	2.0	41
116	Tocilizumab for Severe Chronic Anterior Uveitis Associated with Juvenile Idiopathic Arthritis in a Pediatric Patient. <i>Ocular Immunology and Inflammation</i> , 2014, 22, 155-157.	1.8	45
117	A153: Long-term Outcomes of Childhood-onset Systemic Lupus Erythematosus in Adulthood. <i>Arthritis and Rheumatology</i> , 2014, 66, S198.	5.6	1
118	Generation of a new therapeutic peptide that depletes myeloid-derived suppressor cells in tumor-bearing mice. <i>Nature Medicine</i> , 2014, 20, 676-681.	30.7	199
119	Immune Suppression via Glucocorticoid-Stimulated Monocytes: A Novel Mechanism To Cope with Inflammation. <i>Journal of Immunology</i> , 2014, 193, 1090-1099.	0.8	25
120	Current state of musculoskeletal ultrasound in paediatric rheumatology: results of an international survey. <i>Rheumatology</i> , 2014, 53, 491-496.	1.9	32
121	A21: Physical Activity in Children with Juvenile Idiopathic Arthritis (JIA): The LEAP (Linking Exercise,) Tj ETQq1 1 0.784314 rgBT /Overlo S33-S34.	5.6	7
122	Glucocorticoid-related changes in body mass index among children and adolescents with rheumatic diseases. <i>Arthritis Care and Research</i> , 2013, 65, 113-121.	3.4	18
123	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.	1.9	78
124	Myeloid-Related Protein-14 Contributes to Protective Immunity in Gram-Negative Pneumonia Derived Sepsis. <i>PLoS Pathogens</i> , 2012, 8, e1002987.	4.7	123
125	Access to Biologic Therapies in Canada for Children with Juvenile Idiopathic Arthritis. <i>Journal of Rheumatology</i> , 2012, 39, 1875-1879.	2.0	11
126	Mrp14 Deficiency Ameliorates Amyloid β Burden by Increasing Microglial Phagocytosis and Modulation of Amyloid Precursor Protein Processing. <i>Journal of Neuroscience</i> , 2012, 32, 17824-17829.	3.6	60

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127	S100A9 Interaction with TLR4 Promotes Tumor Growth. PLoS ONE, 2012, 7, e34207.	2.5	133
128	Active involvement of alarmins S100A8 and S100A9 in the regulation of synovial activation and joint destruction during mouse and human osteoarthritis. Arthritis and Rheumatism, 2012, 64, 1466-1476.	6.7	167
129	Incident vertebral fractures among children with rheumatic disorders 12 months after glucocorticoid initiation: A national observational study. Arthritis Care and Research, 2012, 64, 122-131.	3.4	121
130	Awareness of Fabry disease among rheumatologistsâ€™ current status and perspectives. Clinical Rheumatology, 2011, 30, 467-475.	2.2	15
131	Utility and feasibility of musculoskeletal ultrasonography (MSK US) in rheumatology practice in Canada: needs assessment. Clinical Rheumatology, 2011, 30, 1277-1283.	2.2	17
132	Ultrasound findings on patients with juvenile idiopathic arthritis in clinical remission. Arthritis Care and Research, 2011, 63, 1013-1019.	3.4	78
133	MRP8 and MRP14, phagocyte-specific danger signals, are sensitive biomarkers of disease activity in cryopyrin-associated periodic syndromes. Annals of the Rheumatic Diseases, 2011, 70, 2075-2081.	0.9	57
134	The Toll-like receptor 4 ligands Mrp8 and Mrp14 are crucial in the development of autoreactive CD8+ T cells. Nature Medicine, 2010, 16, 713-717.	30.7	264
135	Dynamics of Body Composition and Bone in Patients with Juvenile Idiopathic Arthritis Treated with Growth Hormone. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 178-185.	3.6	33
136	Toward Standardized Ultrasound Measurements of Cartilage Thickness in Children: Figure 1.. Journal of Rheumatology, 2010, 37, 2445-2447.	2.0	6
137	The endogenous Tollâ€™like receptor 4 agonist S100A8/S100A9 (calprotectin) as innate amplifier of infection, autoimmunity, and cancer. Journal of Leukocyte Biology, 2009, 86, 557-566.	3.3	698
138	Similar effects of long-term exogenous growth hormone (GH) on bone and muscle parameters: A pQCT study of GH-deficient and small-for-gestational-age (SGA) children. Bone, 2007, 41, 875-881.	2.9	44
139	Mrp8 and Mrp14 are endogenous activators of Toll-like receptor 4, promoting lethal, endotoxin-induced shock. Nature Medicine, 2007, 13, 1042-1049.	30.7	1,207
140	Osteoporosis in juvenile idiopathic arthritis- a practical approach to diagnosis and therapy. European Journal of Pediatrics, 2007, 166, 775-784.	2.7	33
141	Expression of Myeloid-Related Protein-8 and -14 in Patients With Acute Kawasaki Disease. Journal of the American College of Cardiology, 2006, 48, 1257-1264.	2.8	68
142	Calcium-dependent Tetramer Formation of S100A8 and S100A9 is Essential for Biological Activity. Journal of Molecular Biology, 2006, 359, 961-972.	4.2	170
143	Uncommon synovial cysts in children. European Journal of Pediatrics, 2006, 165, 178-181.	2.7	29
144	Biophysical characterization of S100A8 and S100A9 in the absence and presence of bivalent cations. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 1298-1306.	4.1	144

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145	Myeloid-related proteins 8 and 14 induce a specific inflammatory response in human microvascular endothelial cells. <i>Blood</i> , 2005, 105, 2955-2962.	1.4	276
146	Melorheostosis of the hand in a 7-year-old girl. <i>Pediatric Radiology</i> , 2005, 35, 1215-1219.	2.0	5
147	Panoramic X-rays. <i>Comprehensive Radiodiagnostics or Radiation Protection at all Costs?. Journal of Orofacial Orthopedics</i> , 2005, 66, 78-82.	1.3	1
148	Musculoskeletal abnormalities of the forearm in patients with juvenile idiopathic arthritis relate mainly to bone geometry. <i>Arthritis and Rheumatism</i> , 2004, 50, 1277-1285.	6.7	78
149	Bone mass in adolescents with early-onset juvenile idiopathic arthritis: Comment on the article by Lien et al. <i>Arthritis and Rheumatism</i> , 2004, 50, 2036-2036.	6.7	0
150	Proinflammatory S100 proteins in arthritis and autoimmune disease. <i>Arthritis and Rheumatism</i> , 2004, 50, 3762-3771.	6.7	304
151	Phagocyte-specific calcium-binding S100 proteins as clinical laboratory markers of inflammation. <i>Clinica Chimica Acta</i> , 2004, 344, 37-51.	1.1	280
152	Determination of the peptide binding motif and high-affinity ligands for HLA-DQ4 using synthetic peptide libraries. <i>Human Immunology</i> , 2004, 65, 594-601.	2.4	9
153	Transcriptional profiling of IKK2/NF- κ B and p38 MAP kinase dependent gene expression in TNF- α stimulated primary human endothelial cells. <i>Blood</i> , 2004, 103, 3365-3373.	1.4	127
154	Expression of myeloid-related proteins 8 and 14 in systemic-onset juvenile rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2003, 48, 2622-2626.	6.7	113
155	Loss of S100A9 (MRP14) Results in Reduced Interleukin-8-Induced CD11b Surface Expression, a Polarized Microfilament System, and Diminished Responsiveness to Chemoattractants In Vitro. <i>Molecular and Cellular Biology</i> , 2003, 23, 1034-1043.	2.3	287
156	Myeloid-related proteins 8 and 14 are specifically secreted during interaction of phagocytes and activated endothelium and are useful markers for monitoring disease activity in pauciarticular-onset juvenile rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2000, 43, 628.	6.7	356