

# Christoph Baerwald

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,641  
citations

361413

20  
h-index

302126

39  
g-index

62  
all docs

62  
docs citations

62  
times ranked

3252  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Extracellular Ca <sup>2+</sup> is a danger signal activating the NLRP3 inflammasome through G protein-coupled calcium sensing receptors. <i>Nature Communications</i> , 2012, 3, 1329.   | 12.8 | 369       |
| 2  | The CD14 <sup>bright</sup> CD16 <sup>+</sup> monocyte subset is expanded in rheumatoid arthritis and promotes expansion of the Th17 cell population. <i>Arthritis and Rheumatism</i> , 2012, 64, 671-677.  | 6.7  | 307       |
| 3  | Association of PTPN22 1858 single-nucleotide polymorphism with rheumatoid arthritis in a German cohort: higher frequency of the risk allele in male compared to female patients. <i>Arthritis Research and Therapy</i> , 2006, 8, R75.   | 3.5  | 74        |
| 4  | CD56 <sup>+</sup> monocytes have a dysregulated cytokine response to lipopolysaccharide and accumulate in rheumatoid arthritis and immunosenescence. <i>Arthritis Research and Therapy</i> , 2013, 15, R139.   | 3.5  | 61        |
| 5  | Sex, Symptom Severity, and Quality of Life in Rheumatology. <i>Clinical Reviews in Allergy and Immunology</i> , 2019, 56, 346-361.   | 6.5  | 59        |
| 6  | Celecoxib for the treatment of musculoskeletal arthritis. <i>Expert Opinion on Pharmacotherapy</i> , 2019, 20, 1689-1702.  | 1.8  | 53        |
| 7  | Association of anticytomegalovirus seropositivity with more severe joint destruction and more frequent joint surgery in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 1740-1749.   | 6.7  | 46        |
| 8  | Outside- to inside signaling through transmembrane tumor necrosis factor reverses pathologic interleukin-1 $\beta$ production and deficient apoptosis of rheumatoid arthritis monocytes. <i>Arthritis and Rheumatism</i> , 2009, 60, 2612-2621.  | 6.7  | 44        |
| 9  | Low vaccination rates among patients with rheumatoid arthritis in a German outpatient clinic. <i>Rheumatology International</i> , 2017, 37, 229-237.   | 3.0  | 43        |
| 10 | Humoral and cellular response to COVID-19 vaccination in patients with autoimmune inflammatory rheumatic diseases under real-life conditions. <i>Rheumatology</i> , 2022, 61, SI180-SI188.   | 1.9  | 37        |
| 11 | Negative association of the chemokine receptor CCR5 d32 polymorphism with systemic inflammatory response, extra-articular symptoms and joint erosion in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2009, 11, R91.   | 3.5  | 33        |
| 12 | German guidelines for the sequential medical treatment of rheumatoid arthritis with traditional and biologic disease-modifying antirheumatic drugs. <i>Rheumatology International</i> , 2014, 34, 1-9.   | 3.0  | 33        |
| 13 | Herpesvirus Entry Mediator-Ig Treatment during Immunization Aggravates Rheumatoid Arthritis in the Collagen-Induced Arthritis Model. <i>Journal of Immunology</i> , 2009, 182, 3139-3145.  | 0.8  | 32        |
| 14 | Efficacy, safety, and effects on blood pressure of naproxinod 750 mg twice daily compared with placebo and naproxen 500 mg twice daily in patients with osteoarthritis of the hip: A randomized, double-blind, parallel-group, multicenter study. <i>Arthritis and Rheumatism</i> , 2010, 62, 3635-3644. | 6.7  | 29        |
| 15 | Ten years of specialized adult care for phenylketonuria – a single-centre experience. <i>Orphanet Journal of Rare Diseases</i> , 2016, 11, 27.   | 2.7  | 29        |
| 16 | The current relevance and use of prednisone in rheumatoid arthritis. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 557-571.  | 3.0  | 28        |
| 17 | GPRC6A mediates Alum-induced Nlrp3 inflammasome activation but limits Th2 type antibody responses. <i>Scientific Reports</i> , 2015, 5, 16719.   | 3.3  | 24        |
| 18 | Brief Report: Autocrine Cytokine-Mediated Deficiency of TRAIL-Induced Monocyte Apoptosis in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 1760-1765.   | 5.6  | 21        |

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|----|--|-----|-----------|
| 19 | The challenge of long-term tetrahydrobiopterin (BH4) therapy in phenylketonuria: Effects on metabolic control, nutritional habits and nutrient supply. <i>Molecular Genetics and Metabolism Reports</i> , 2015, 4, 62-67.                                | 1.1 | 21        |
| 20 | Latent Cytomegalovirus Infection in Rheumatoid Arthritis and Increased Frequencies of Cytolytic LIR $\alpha$ <sup>+</sup> CD8 <sup>+</sup> T Cells. <i>Arthritis and Rheumatology</i> , 2016, 68, 337-346.   | 5.6 | 21        |
| 21 | Tumor Necrosis Factor Receptor Type I Expression of CD4 <sup>+</sup> T Cells in Rheumatoid Arthritis Enables Them to Follow Tumor Necrosis Factor Gradients Into the Rheumatoid Synovium. <i>Arthritis and Rheumatism</i> , 2013, 65, 1468-1476.         | 6.7 | 20        |
| 22 | The role of $\alpha$ 7nAChR in controlling the anti-inflammatory/anti-arthritic action of galantamine. <i>Biochemical Pharmacology</i> , 2019, 170, 113665.  | 4.4 | 20        |
| 23 | Clonal expansions in selected TCR BV families of rheumatoid arthritis patients are reduced by treatment with the TNF $\alpha$ inhibitors etanercept and infliximab. <i>Rheumatology International</i> , 2011, 31, 1023-1029.                             | 3.0 | 18        |
| 24 | Efficacy and safety of modified-release prednisone in patients with rheumatoid arthritis. <i>Drug Design, Development and Therapy</i> , 2016, 10, 1047.  | 4.3 | 17        |
| 25 | Impact of fatigue on rheumatic diseases. <i>Best Practice and Research in Clinical Rheumatology</i> , 2019, 33, 101435.  | 3.3 | 17        |
| 26 | In vitro response pattern of monocytes after tmTNF reverse signaling predicts response to anti-TNF therapy in rheumatoid arthritis. <i>Journal of Translational Medicine</i> , 2015, 13, 256.  | 4.4 | 16        |
| 27 | Opioids for the treatment of arthritis pain. <i>Expert Opinion on Pharmacotherapy</i> , 2014, 15, 193-202.   | 1.8 | 15        |
| 28 | Deficient spontaneous in vitro apoptosis and increased tmTNF reverse signaling-induced apoptosis of monocytes predict suboptimal therapeutic response of rheumatoid arthritis to TNF inhibition. <i>Arthritis Research and Therapy</i> , 2013, 15, R219. | 3.5 | 14        |
| 29 | Mortality of Sepsis in Patients With Rheumatoid Arthritis: A Single-Center Retrospective Analysis and Comparison With a Control Group. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 766-774.  | 2.8 | 13        |
| 30 | Growth and Final Height Among Children With Phenylketonuria. <i>Pediatrics</i> , 2017, 140, e20170015.   | 2.1 | 12        |
| 31 | Brief Report: Deficient Thymic Output in Rheumatoid Arthritis Despite Abundance of Prethymic Progenitors. <i>Arthritis and Rheumatism</i> , 2013, 65, 2567-2572.   | 6.7 | 11        |
| 32 | Cost per response for abatacept versus adalimumab in rheumatoid arthritis by ACPA subgroups in Germany, Italy, Spain, US and Canada. <i>Rheumatology International</i> , 2017, 37, 1111-1123.  | 3.0 | 10        |
| 33 | Impact of clinical and psychological factors associated with depression in patients with rheumatoid arthritis: comparative study between Germany and Brazil. <i>Clinical Rheumatology</i> , 2021, 40, 1779-1787.   | 2.2 | 10        |
| 34 | Entrustable Professional Activities in final year undergraduate medical training - advancement of the final year training logbook in Germany. <i>GMS Journal for Medical Education</i> , 2019, 36, Doc70.  | 0.1 | 9         |
| 35 | Humoral immunity to varicella zoster virus is altered in patients with rheumatoid arthritis. <i>Clinical Rheumatology</i> , 2019, 38, 2493-2500.   | 2.2 | 8         |
| 36 | Everyday Life, Dietary Practices, and Health Conditions of Adult PKU Patients: A Multicenter, Cross-Sectional Study. <i>Annals of Nutrition and Metabolism</i> , 2020, 76, 251-258.  | 1.9 | 7         |

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|----|--|-----|-----------|
| 37 | Sepsis Mortality Is high in Patients With Connective Tissue Diseases Admitted to the Intensive Care Unit (ICU). <i>Journal of Intensive Care Medicine</i> , 2022, 37, 401-407.   | 2.8 | 6         |
| 38 | COVID-19 Vaccination Coverage in Patients with Rheumatic Diseases in a German Outpatient Clinic: An Observational Study. <i>Vaccines</i> , 2022, 10, 253.  | 4.4 | 6         |
| 39 | Cost per response for abatacept versus adalimumab in patients with seropositive, erosive early rheumatoid arthritis in the US, Germany, Spain, and Canada. <i>Rheumatology International</i> , 2019, 39, 1621-1630.  | 3.0 | 5         |
| 40 | Humoral Immunity to Varicella Zoster Virus in Patients with Systemic Lupus Erythematosus and Rheumatoid Arthritis Compared to Healthy Controls. <i>Vaccines</i> , 2021, 9, 325.  | 4.4 | 5         |
| 41 | Preventing maternal phenylketonuria (PKU) syndrome: important factors to achieve good metabolic control throughout pregnancy. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 477.  | 2.7 | 5         |
| 42 | Sequence Variants of the CRH 5'-Flanking Region: Effects on DNA-Protein Interactions Studied by EMSA in PC12 Cells. <i>Annals of the New York Academy of Sciences</i> , 2006, 1069, 20-33.   | 3.8 | 4         |
| 43 | A randomized controlled trial of ciamexon versus placebo in the immunomodulatory treatment of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1990, 33, 733-738.   | 6.7 | 3         |
| 44 | A non-interventional observational study to identify and validate clinical outcome assessments for adults with phenylketonuria for use in clinical trials. <i>Molecular Genetics and Metabolism Reports</i> , 2021, 29, 100810.                                      | 1.1 | 3         |
| 45 | Outcome of Patients With Necrotizing Vasculitis Admitted to the Intensive Care Unit (ICU) for Sepsis: Results of a Single-Centre Retrospective Analysis. <i>Journal of Intensive Care Medicine</i> , 2020, 36, 088506662095376.                                      | 2.8 | 2         |
| 46 | ANCA-positive IgA nephropathy in a patient with ANA-positive long-standing rheumatoid arthritis and type 1 diabetes. <i>Clinical and Experimental Rheumatology</i> , 2020, 38 Suppl 124, 241-242.  | 0.8 | 1         |
| 47 | IL-10 Induced by mTNF Crosslinking-Mediated Reverse Signaling in a Whole Blood Assay Is Predictive of Response to TNFi Therapy in Rheumatoid Arthritis. <i>Journal of Personalized Medicine</i> , 2022, 12, 1003.  | 2.5 | 1         |
| 48 | Cost per response for abatacept versus adalimumab in patients with seropositive erosive, early rheumatoid arthritis in the United States, Germany, Spain and Canada. <i>Rheumatology</i> , 2018, 57, .   | 1.9 | 0         |
| 49 | Sustained complete remission of metastatic melanoma on targeted therapy and rituximab for rheumatoid arthritis. <i>JDDG - Journal of the German Society of Dermatology</i> , 2019, 17, 638-639.  | 0.8 | 0         |
| 50 | Generalised musculoskeletal problems. <i>Best Practice and Research in Clinical Rheumatology</i> , 2019, 33, 101441.   | 3.3 | 0         |
| 51 | Scalp Necrosis in the Context of Giant Cell Arteritis. <i>Deutsches Arzteblatt International</i> , 2021, 118, 644.   | 0.9 | 0         |
| 52 | Evaluating the effectiveness of a structured, simulator-assisted, peer-led training on cardiovascular physical examination in third-year medical students: a prospective, randomized, controlled trial. <i>GMS Journal for Medical Education</i> , 2021, 38, Doc108. | 0.1 | 0         |