

# Brian C Sauer

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

97  
papers

2,267  
citations

22  
h-index

45  
g-index

127  
ext. papers

2,828  
ext. citations

3.7  
avg, IF

4.83  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 97 | Guidelines for good database selection and use in pharmacoepidemiology research. <i>Pharmacoepidemiology and Drug Safety</i> , <b>2012</b> , 21, 1-10  | 2.6  | 253       |
| 96 | Specifying a target trial prevents immortal time bias and other self-inflicted injuries in observational analyses. <i>Journal of Clinical Epidemiology</i> , <b>2016</b> , 79, 70-75                                       | 5.7  | 207       |
| 95 | Preventable drug-related hospital admissions. <i>Annals of Pharmacotherapy</i> , <b>2002</b> , 36, 1238-48   | 2.9  | 199       |
| 94 | The incident user design in comparative effectiveness research. <i>Pharmacoepidemiology and Drug Safety</i> , <b>2013</b> , 22, 1-6  | 2.6  | 141       |
| 93 | 485. On- and Post-Antibiotic Effects on the Risk of Hospital-Acquired Clostridium difficile Infection (CDI). <i>Open Forum Infectious Diseases</i> , <b>2018</b> , 5, S180-S180  | 1    | 78        |
| 92 | Unintentional prescription opioid-related overdose deaths: description of decedents by next of kin or best contact, Utah, 2008-2009. <i>Journal of General Internal Medicine</i> , <b>2013</b> , 28, 522-9                 | 4    | 77        |
| 91 | Propofol is associated with favorable outcomes compared with benzodiazepines in ventilated intensive care unit patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 1383-94    | 10.2 | 74        |
| 90 | Cause-Specific Mortality in Male US Veterans With Rheumatoid Arthritis. <i>Arthritis Care and Research</i> , <b>2016</b> , 68, 36-45   | 4.7  | 74        |
| 89 | Variation in Outpatient Antibiotic Prescribing for Acute Respiratory Infections in the Veteran Population: A Cross-sectional Study. <i>Annals of Internal Medicine</i> , <b>2015</b> , 163, 73-80                          | 8    | 65        |
| 88 | Causes of hyperglycemia and hypoglycemia in adult inpatients. <i>American Journal of Health-System Pharmacy</i> , <b>2005</b> , 62, 714-9  | 2.2  | 65        |
| 87 | Merging Veterans Affairs rheumatoid arthritis registry and pharmacy data to assess methotrexate adherence and disease activity in clinical practice. <i>Arthritis Care and Research</i> , <b>2011</b> , 63, 1680-90        | 4.7  | 61        |
| 86 | A review of covariate selection for non-experimental comparative effectiveness research. <i>Pharmacoepidemiology and Drug Safety</i> , <b>2013</b> , 22, 1139-45   | 2.6  | 60        |
| 85 | Detection of Septata intestinalis in stool specimens and coprodiagnostic monitoring of successful treatment with albendazole. <i>Clinical Infectious Diseases</i> , <b>1994</b> , 19, 342-5                                | 11.6 | 56        |
| 84 | Trends in Antibiotic Use and Nosocomial Pathogens in Hospitalized Veterans With Pneumonia at 128 Medical Centers, 2006-2010. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 61, 1403-10                               | 11.6 | 48        |
| 83 | A Comparative Assessment of Observational Medical Outcomes Partnership and Mini-Sentinel Common Data Models and Analytics: Implications for Active Drug Safety Surveillance. <i>Drug Safety</i> , <b>2015</b> , 38, 749-65 | 5.1  | 38        |
| 82 | Impact of Obesity and Adiposity on Inflammatory Markers in Patients With Rheumatoid Arthritis. <i>Arthritis Care and Research</i> , <b>2017</b> , 69, 1789-1798  | 4.7  | 37        |
| 81 | Comparison of opioid-related deaths by work-related injury. <i>American Journal of Industrial Medicine</i> , <b>2013</b> , 56, 308-16  | 2.7  | 32        |

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|----|---|------|----|
| 80 | Documentation of delirium in the VA electronic health record. <i>BMC Research Notes</i> , <b>2014</b> , 7, 208  | 2.3  | 31 |
| 79 | Changes in Body Mass Related to the Initiation of Disease-Modifying Therapies in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 1818-27  | 9.5  | 28 |
| 78 | Persistence With Conventional Triple Therapy Versus a Tumor Necrosis Factor Inhibitor and Methotrexate in US Veterans With Rheumatoid Arthritis. <i>Arthritis Care and Research</i> , <b>2017</b> , 69, 313-322   | 4.7  | 24 |
| 77 | Overestimation of the effects of adherence on outcomes: a case study in healthy user bias and hypertension. <i>Heart</i> , <b>2011</b> , 97, 1862-9   | 5.1  | 24 |
| 76 | Specialty of prescribers associated with prescription opioid fatalities in Utah, 2002-2010. <i>Pain Medicine</i> , <b>2014</b> , 15, 73-8   | 2.8  | 23 |
| 75 | Empirical Anti-MRSA vs Standard Antibiotic Therapy and Risk of 30-Day Mortality in Patients Hospitalized for Pneumonia. <i>JAMA Internal Medicine</i> , <b>2020</b> , 180, 552-560  | 11.5 | 22 |
| 74 | Studying adverse events related to prescription opioids: the Utah experience. <i>Pain Medicine</i> , <b>2011</b> , 12 Suppl 2, S16-25   | 2.8  | 22 |
| 73 | Risk of COVID-19 in Rheumatoid Arthritis: A National Veterans Affairs Matched Cohort Study in At-Risk Individuals. <i>Arthritis and Rheumatology</i> , <b>2021</b> , 73, 2179-2188  | 9.5  | 22 |
| 72 | Development and Validation of a Natural Language Processing Tool to Identify Patients Treated for Pneumonia across VA Emergency Departments. <i>Applied Clinical Informatics</i> , <b>2018</b> , 9, 122-128   | 3.1  | 21 |
| 71 | Persistence and dose escalation of tumor necrosis factor inhibitors in US veterans with rheumatoid arthritis. <i>Journal of Rheumatology</i> , <b>2014</b> , 41, 1935-43  | 4.1  | 21 |
| 70 | Factors associated with screening or treatment initiation among male United States veterans at risk for osteoporosis fracture. <i>Bone</i> , <b>2012</b> , 50, 983-8  | 4.7  | 20 |
| 69 | A simulation-based evaluation of methods to estimate the impact of an adverse event on hospital length of stay. <i>Medical Care</i> , <b>2007</b> , 45, S108-15   | 3.1  | 20 |
| 68 | Developing indicators of inpatient adverse drug events through nonlinear analysis using administrative data. <i>Medical Care</i> , <b>2007</b> , 45, S81-8  | 3.1  | 19 |
| 67 | An increased mortality risk is associated with abnormal iron status in diabetic and non-diabetic Veterans with predialysis chronic kidney disease. <i>Kidney International</i> , <b>2019</b> , 96, 750-760  | 9.9  | 18 |
| 66 | Depressive symptoms in coronary artery disease patients after hypertension treatment. <i>Annals of Pharmacotherapy</i> , <b>2006</b> , 40, 597-604  | 2.9  | 18 |
| 65 | Body Mass Index, Weight Loss, and Cause-Specific Mortality in Rheumatoid Arthritis. <i>Arthritis Care and Research</i> , <b>2018</b> , 70, 11-18  | 4.7  | 17 |
| 64 | Variation in Empiric Coverage Versus Detection of Methicillin-Resistant <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> in Hospitalizations for Community-Onset Pneumonia Across 128 US Veterans Affairs Medical Centers. <i>Infection Control and Hospital Epidemiology</i> , <b>2017</b> , 38, 937-944 | 2    | 16 |
| 63 | Mortality associated with lithium and valproate treatment of US Veterans Health Administration patients with mental disorders. <i>British Journal of Psychiatry</i> , <b>2015</b> , 207, 55-63  | 5.4  | 15 |

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| 62 | Initiation of Disease-Modifying Therapies in Rheumatoid Arthritis Is Associated With Changes in Blood Pressure. <i>Journal of Clinical Rheumatology</i> , <b>2018</b> , 24, 203-209  | 1.1 | 15 |
| 61 | Suicide risk in Veterans Health Administration patients with mental health diagnoses initiating lithium or valproate: a historical prospective cohort study. <i>BMC Psychiatry</i> , <b>2014</b> , 14, 357                   | 4.2 | 15 |
| 60 | Low Persistence Rates in Patients With Rheumatoid Arthritis Treated With Triple Therapy and Adverse Drug Events Associated With Sulfasalazine. <i>Arthritis Care and Research</i> , <b>2019</b> , 71, 1326-1335              | 4.7 | 15 |
| 59 | The use of natural language processing of infusion notes to identify outpatient infusions. <i>Pharmacoepidemiology and Drug Safety</i> , <b>2015</b> , 24, 86-92   | 2.6 | 14 |
| 58 | Associations of Circulating Cytokines and Chemokines With Cancer Mortality in Men With Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 2394-402  | 9.5 | 14 |
| 57 | Predicting poor adherence to antiretroviral therapy among treatment-naïve veterans infected with human immunodeficiency virus. <i>Medicine (United States)</i> , <b>2018</b> , 97, e9495                                     | 1.8 | 13 |
| 56 | Computerized indicators of potential drug-related emergency department and hospital admissions. <i>American Journal of Managed Care</i> , <b>2007</b> , 13, 29-35  | 2.1 | 13 |
| 55 | Obesity, Weight Loss, and Progression of Disability in Rheumatoid Arthritis. <i>Arthritis Care and Research</i> , <b>2018</b> , 70, 1740-1747  | 4.7 | 12 |
| 54 | Identifying Axial Spondyloarthritis in Electronic Medical Records of US Veterans. <i>Arthritis Care and Research</i> , <b>2017</b> , 69, 1414-1420   | 4.7 | 12 |
| 53 | Clinical Outcomes and Biologic Costs of Switching Between Tumor Necrosis Factor Inhibitors in US Veterans with Rheumatoid Arthritis. <i>Advances in Therapy</i> , <b>2016</b> , 33, 1347-59                                  | 4.1 | 11 |
| 52 | Performance of a Natural Language Processing (NLP) Tool to Extract Pulmonary Function Test (PFT) Reports from Structured and Semistructured Veteran Affairs (VA) Data. <i>EGEMS (Washington, DC)</i> , <b>2016</b> , 4, 1217 | 2.2 | 10 |
| 51 | Evidence generation from healthcare databases: recommendations for managing change. <i>Pharmacoepidemiology and Drug Safety</i> , <b>2016</b> , 25, 749-54   | 2.6 | 10 |
| 50 | Real-world management of hyperkalemia with patiomer among United States Veterans. <i>Postgraduate Medicine</i> , <b>2020</b> , 132, 176-183  | 3.7 | 9  |
| 49 | Treatment patterns and annual biologic costs in US veterans with rheumatic conditions or psoriasis. <i>Journal of Medical Economics</i> , <b>2016</b> , 19, 34-43  | 2.4 | 9  |
| 48 | Body mass index and persistence of conventional DMARDs and TNF inhibitors in rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , <b>2019</b> , 37, 422-428   | 2.2 | 9  |
| 47 | Chronic lung disease in U.S. Veterans with rheumatoid arthritis and the impact on survival. <i>Clinical Rheumatology</i> , <b>2018</b> , 37, 2907-2915   | 3.9 | 9  |
| 46 | Cohort identification of axial spondyloarthritis in a large healthcare dataset: current and future methods. <i>BMC Musculoskeletal Disorders</i> , <b>2018</b> , 19, 317   | 2.8 | 9  |
| 45 | Learning to detect and understand drug discontinuation events from clinical narratives. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2019</b> , 26, 943-951                                    | 8.6 | 8  |

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| 44 | An agent-based model for evaluating surveillance methods for catheter-related bloodstream infection <b>2008</b> , 631-5  | 0.7 | 8 |
| 43 | Biologic and Glucocorticoid Use after Methotrexate Initiation in Patients with Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , <b>2019</b> , 46, 343-350  | 4.1 | 8 |
| 42 | Disease activity, cytokines, chemokines and the risk of incident diabetes in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> , 80, 566-572   | 2.4 | 8 |
| 41 | In Data We Trust? Comparison of Electronic Versus Manual Abstraction of Antimicrobial Prescribing Quality Metrics for Hospitalized Veterans With Pneumonia. <i>Medical Care</i> , <b>2018</b> , 56, 626-633  | 3.1 | 8 |
| 40 | Risk of Total Wrist Arthrodesis or Reoperation Following 4-Corner Arthrodesis or Proximal Row Carpectomy for Stage-II SLAC/SNAC Arthritis: A Propensity Score Analysis of 502 Wrists. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2020</b> , 102, 1050-1058 | 5.6 | 6 |
| 39 | Adherence and virologic outcomes among treatment-naïve veteran patients with human immunodeficiency virus type 1 infection. <i>Medicine (United States)</i> , <b>2018</b> , 97, e9430  | 1.8 | 6 |
| 38 | Application of system-level root cause analysis for drug quality and safety problems: a case study. <i>Research in Social and Administrative Pharmacy</i> , <b>2013</b> , 9, 49-59   | 2.9 | 6 |
| 37 | Usability Testing a Potentially Inappropriate Medication Dashboard: A Core Component of the Dashboard Development Process. <i>Applied Clinical Informatics</i> , <b>2020</b> , 11, 528-534   | 3.1 | 6 |
| 36 | Use of Disease-modifying Antirheumatic Drugs for Inflammatory Arthritis in US Veterans: Effect of Specialty Care and Geographic Distance. <i>Journal of Rheumatology</i> , <b>2018</b> , 45, 430-436   | 4.1 | 6 |
| 35 | Autoantibody Seropositivity and Risk for Interstitial Lung Disease in a Prospective Male-Predominant Rheumatoid Arthritis Cohort of U.S. Veterans. <i>Annals of the American Thoracic Society</i> , <b>2021</b> , 18, 598-605  | 4.7 | 5 |
| 34 | Mortality in American Veterans with the HLA-B27 gene. <i>Journal of Rheumatology</i> , <b>2015</b> , 42, 638-44  | 4.1 | 4 |
| 33 | Real-world practice patterns in veterans with metastatic castration-resistant prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2020</b> , 38, 1.e1-1.e10   | 2.8 | 4 |
| 32 | The use of natural language processing on narrative medication schedules to compute average weekly dose. <i>Pharmacoepidemiology and Drug Safety</i> , <b>2016</b> , 25, 1414-1424   | 2.6 | 4 |
| 31 | Models solely using claims-based administrative data are poor predictors of rheumatoid arthritis disease activity. <i>Arthritis Research and Therapy</i> , <b>2017</b> , 19, 86  | 5.7 | 3 |
| 30 | Investigating changes in disease activity as a mediator of cardiovascular risk reduction with methotrexate use in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> , 80, 1385-1392  | 2.4 | 3 |
| 29 | Performance of NLP tool designed to identify and extract biologic drug infusion data from clinical notes. <i>Value in Health</i> , <b>2014</b> , 17, A187  | 3.3 | 2 |
| 28 | Accuracy of a natural language processing software designed to compute average weekly dose from narrative medication schedule. <i>Value in Health</i> , <b>2014</b> , 17, A187-A188  | 3.3 | 2 |
| 27 | Out-of-pocket pharmacy expenditures for veterans under medicare part D. <i>Medical Care</i> , <b>2007</b> , 45, S77-80   | 3.1 | 2 |

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|----|--|-----|---|
| 26 | Survival Patterns in Patients with Relapsed or Refractory Diffuse Large B Cell Lymphoma: Treatment Trajectories and Responses after the First Relapse. <i>Blood</i> , <b>2019</b> , 134, 1622-1622   | 2.2 | 2 |
| 25 | Clinical and Economic Outcomes of Ranolazine Versus Conventional Antianginals Users Among Veterans With Chronic Stable Angina Pectoris. <i>American Journal of Cardiology</i> , <b>2018</b> , 122, 1809-1816   | 3   | 2 |
| 24 | Development and evaluation of a record linkage protocol for Utah's Controlled Substance Database. <i>Health Informatics Journal</i> , <b>2017</b> , 23, 35-43  | 3   | 1 |
| 23 | Evaluation of the Case-Crossover (CCO) Study Design for Adverse Drug Event Detection. <i>Drug Safety</i> , <b>2017</b> , 40, 789-798   | 5.1 | 1 |
| 22 | Tumour necrosis factor inhibitor exposure and radiographic outcomes in Veterans with rheumatoid arthritis: a longitudinal cohort study. <i>Rheumatology Advances in Practice</i> , <b>2019</b> , 3, rkz015   | 1.1 | 1 |
| 21 | Treatment Practices and Outcomes in Older Adults with Relapsed/Refractory Diffuse Large B-Cell Lymphoma Treated in the Veterans Health Administration. <i>Blood</i> , <b>2018</b> , 132, 4205-4205   | 2.2 | 1 |
| 20 | Cytogenetic and fluorescence in situ hybridization testing in veterans with chronic lymphocytic leukemia.. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 7526-7526   | 2.2 | 1 |
| 19 | Validation of Algorithms Used to Identify Red Blood Cell Transfusion Related Admissions in Veteran Patients with End Stage Renal Disease. <i>EGEMS (Washington, DC)</i> , <b>2019</b> , 7, 23  | 2.2 | 1 |
| 18 | Maintenance rituximab in Veterans with follicular lymphoma. <i>Cancer Medicine</i> , <b>2020</b> , 9, 7537-7547  | 4.8 | 1 |
| 17 | Identification of Axial Spondyloarthritis Patients in a Large Dataset: The Development and Validation of Novel Methods. <i>Journal of Rheumatology</i> , <b>2020</b> , 47, 42-49   | 4.1 | 1 |
| 16 | Potential for Major Therapeutic Changes to Produce Significant Clinical Response Across a Broad Range of Disease Activity: An Observational Study of US Veterans With Rheumatoid Arthritis. <i>Arthritis Care and Research</i> , <b>2021</b> , 73, 964-974 | 4.7 | 1 |
| 15 | Utility of administrative and clinical data to predict major change in medical treatment in US Veterans enrolled in the Veterans Affairs Rheumatoid Arthritis (VARA) registry. <i>Clinical and Experimental Rheumatology</i> , <b>2019</b> , 37, 552-560   | 2.2 | 1 |
| 14 | Identifying Patients With Axial Spondyloarthritis in Large Datasets: Expanding Possibilities for Observational Research. <i>Journal of Rheumatology</i> , <b>2021</b> , 48, 685-692  | 4.1 | 0 |
| 13 | The use of narrative electronic prescribing instructions in pharmacoepidemiology: A scoping review for the International Society for Pharmacoepidemiology. <i>Pharmacoepidemiology and Drug Safety</i> , <b>2021</b> , 30, 1281-1292                       | 2.6 | 0 |
| 12 | Extraction of Rheumatoid Arthritis Disease Activity Measures From Electronic Health Records Using Automated Processing Algorithms. <i>ACR Open Rheumatology</i> , <b>2019</b> , 1, 632-639   | 3.5 | 0 |
| 11 | Associations of serum cytokines and chemokines with the risk of incident cancer in a prospective rheumatoid arthritis cohort. <i>International Immunopharmacology</i> , <b>2021</b> , 97, 107719   | 5.8 | 0 |
| 10 | Adipocytokines and achievement of low disease activity in rheumatoid arthritis.. <i>Seminars in Arthritis and Rheumatism</i> , <b>2022</b> , 55, 152003  | 5.3 | 0 |
| 9  | Empirical evidence of disease activity thresholds used to indicate need for major therapeutic change in US veterans with rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , <b>2020</b> , 22, 253   | 5.7 |   |

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|---|---|-----|
| 8 | AB0193 The Utility of Using Administrative Data To Stratify US Veterans with Rheumatoid Arthritis on The Basis of Disease Activity. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 963.2-963                                     | 2.4 |
| 7 | THU0612 Development and Validation of An Accurate and Precise Natural Language Processing System To Capture Rheumatoid Arthritis Disease Activity Measures. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 414.1-414             | 2.4 |
| 6 | FRI0113 Persistence and Adherence with Triple Therapy and Tumor Necrosis Factor Inhibitor-Methotrexate Combination Therapy in us Veterans with Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 460.3-461    | 2.4 |
| 5 | FRI0179 Comparative Effectiveness of Biologic Disease Modifying Anti-Rheumatic Drug Therapy in US Veterans with Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 446.3-447                                   | 2.4 |
| 4 | Suicide death over the first year of lithium versus valproate treatment in cohorts with and without bipolar disorder.. <i>Journal of Psychiatric Research</i> , <b>2021</b> , 147, 349-356  | 5.2 |
| 3 | Implementation of the VA Symptom Assessment Scale (VSAS): Five-year experience.. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, e23120-e23120  | 2.2 |
| 2 | Methodological framework to identify possible adverse drug reactions using population-based administrative data. <i>F1000Research</i> , <b>2014</b> , 3, 258  | 3.6 |
| 1 | AB1005 Multiple Modeling Methods of Administrative Data Yield Consistent Results but Limited Ability To Predict Rheumatoid Arthritis Disease Activity in US Veterans. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 1245.1-1245 | 2.4 |