

Craig A Umscheid

List of Publications by Year in Descending Order

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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.

109
papers

6,916
citations

37
h-index

82
g-index

130
ext. papers

8,672
ext. citations

4.3
avg, IF

5.85
L-index

#	Paper	IF	Citations
109	Assessing the confidence, knowledge and learning preferences of healthcare workers regarding personal protective equipment use during the COVID-19 pandemic.. <i>Infection Control and Hospital Epidemiology</i> , 2022 , 1-9	2	1
108	Use of Clinical Pathways Integrated into the Electronic Health Record to Address the COVID-19 Pandemic.. <i>Infection Control and Hospital Epidemiology</i> , 2022 , 1-27	2	0
107	Predictive Analytics Programs at Large Healthcare Systems in the USA: a National Survey.. <i>Journal of General Internal Medicine</i> , 2022 , 1	4	0
106	Use of an innovation center to foster high-value COVID-19 care at an academic healthcare system.. <i>Journal of Hospital Medicine</i> , 2022 , 17, 384-388	2.7	
105	Hand Hygiene Compliance Rate During the COVID-19 Pandemic. <i>JAMA Internal Medicine</i> , 2021 , 181, 1006-1008	10.14	14
104	Development, implementation, and use of an "equity lens" integrated into an institutional quality scorecard. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 1785-1790	8.6	1
103	A Mobile App to Facilitate Socially Distanced Hospital Communication During COVID-19: Implementation Experience. <i>JMIR MHealth and UHealth</i> , 2021 , 9, e24452	5.5	4
102	Growth of Ambulatory Virtual Visits and Differential Use by Patient Sociodemographics at One Urban Academic Medical Center During the COVID-19 Pandemic: Retrospective Analysis. <i>JMIR Medical Informatics</i> , 2020 , 8, e24544	3.6	20
101	2020 Focused Updates to the Asthma Management Guidelines: A Report from the National Asthma Education and Prevention Program Coordinating Committee Expert Panel Working Group. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 1217-1270	11.5	140
100	The potential economic value of sputum culture use in patients with community-acquired pneumonia and healthcare-associated pneumonia. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 1038.e1-1038.e5	9.5	5
99	Impact of a Hospital Evidence-Based Practice Center (EPC) on Nursing Policy and Practice. <i>Worldviews on Evidence-Based Nursing</i> , 2019 , 16, 4-11	2.9	2
98	Use of Advance Care Planning Billing Codes in a Retrospective Cohort of Privately Insured Patients. <i>Journal of General Internal Medicine</i> , 2019 , 34, 2307-2309	4	6
97	Next Steps in Improving Healthcare Value: AHRQ Evidence-based Practice Center Program-Applying the Knowledge to Practice to Data Cycle to Strengthen the Value of Patient Care. <i>Journal of Hospital Medicine</i> , 2019 , 14, 311-314	2.7	2
96	National Survey of Hospitalists' Experiences with Incidental Pulmonary Nodules. <i>Journal of Hospital Medicine</i> , 2019 , 14, 353-356	2.7	0
95	Clinician Use of Advance Care Planning Billing Codes among Privately Insured Patients in 2016. <i>Journal of Palliative Medicine</i> , 2019 , 22, 1304-1305	2.2	
94	AHRQ EPC Series on Improving Translation of Evidence: Use of a Clinical Pathway for C. Difficile Treatment to Facilitate the Translation of Research Findings into Practice. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2019 , 45, 822-828	1.4	3
93	Clinician Perception of a Machine Learning-Based Early Warning System Designed to Predict Severe Sepsis and Septic Shock. <i>Critical Care Medicine</i> , 2019 , 47, 1477-1484	1.4	44

92	Determining the Association Between End-of-Life Care Resources and Patient Outcomes in Pennsylvania ICUs. <i>Critical Care Medicine</i> , 2019 , 47, 1591-1598	1.4	4
91	A Machine Learning Algorithm to Predict Severe Sepsis and Septic Shock: Development, Implementation, and Impact on Clinical Practice. <i>Critical Care Medicine</i> , 2019 , 47, 1485-1492	1.4	76
90	2018 Infectious Diseases Society of America Clinical Practice Guideline for the Management of Outpatient Parenteral Antimicrobial Therapy. <i>Clinical Infectious Diseases</i> , 2019 , 68, 1-4	11.6	38
89	2018 Infectious Diseases Society of America Clinical Practice Guideline for the Management of Outpatient Parenteral Antimicrobial Therapy. <i>Clinical Infectious Diseases</i> , 2019 , 68, e1-e35	11.6	173
88	Using a 10-step framework to support the implementation of an evidence-based clinical pathways programme. <i>BMJ Quality and Safety</i> , 2019 , 28, 476-485	5.4	9
87	Effectiveness of indoor allergen reduction in asthma management: A systematic review. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1854-1869	11.5	38
86	Expanding epidemiology and biostatistics curricula in undergraduate medical education to promote evidence-based practice. <i>BMJ Evidence-Based Medicine</i> , 2018 , 23, 117	2.7	
85	Newer glycopeptide antibiotics for treatment of complicated skin and soft tissue infections: systematic review, network meta-analysis and cost analysis. <i>Clinical Microbiology and Infection</i> , 2018 , 24, 361-368	9.5	40
84	Risk of complications with use of aspirin during renal biopsy: A systematic review. <i>Clinical Nephrology</i> , 2018 , 89, 67-76	2.1	6
83	Centers for Disease Control and Prevention Guideline for the Prevention of Surgical Site Infection, 2017. <i>JAMA Surgery</i> , 2017 , 152, 784-791	5.4	1292
82	Brain-Type Natriuretic Peptide and Amino-Terminal Pro-Brain-Type Natriuretic Peptide Discharge Thresholds for Acute Decompensated Heart Failure. <i>Annals of Internal Medicine</i> , 2017 , 166, 916	8	1
81	Brain-Type Natriuretic Peptide and Amino-Terminal Pro-Brain-Type Natriuretic Peptide Discharge Thresholds for Acute Decompensated Heart Failure: A Systematic Review. <i>Annals of Internal Medicine</i> , 2017 , 166, 180-190	8	26
80	VP194 Health Technology Assessment Applied To Nurse Retention And Development: A Sickle Cell Example. <i>International Journal of Technology Assessment in Health Care</i> , 2017 , 33, 239-239	1.8	2
79	Transfusion Thresholds for Major Orthopedic Surgery: A Systematic Review and Meta-analysis. <i>Journal of Arthroplasty</i> , 2017 , 32, 3815-3821	4.4	25
78	AHRQ series on complex intervention systematic reviews-paper 5: advanced analytic methods. <i>Journal of Clinical Epidemiology</i> , 2017 , 90, 37-42	5.7	17
77	The Impact of a Computerized Clinical Decision Support Tool on Inappropriate Clostridium difficile Testing. <i>Infection Control and Hospital Epidemiology</i> , 2017 , 38, 1204-1208	2	37
76	The Identification of Calcified Coronary Plaque Is Associated With Initiation and Continuation of Pharmacological and Lifestyle Preventive Therapies: A Systematic Review and Meta-Analysis. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 833-842	8.4	72
75	Fit for purpose: perspectives on rapid reviews from end-user interviews. <i>Systematic Reviews</i> , 2017 , 6, 32	3	23

74	Alginate therapy is effective treatment for GERD symptoms: a systematic review and meta-analysis. <i>Ecological Management and Restoration</i> , 2017 , 30, 1-9	3	64
73	Alginate therapy is effective treatment for gastroesophageal reflux disease symptoms: a systematic review and meta-analysis. <i>Ecological Management and Restoration</i> , 2017 , 30, 1-8	3	4
72	Principles for Disclosure of Interests and Management of Conflicts in Guidelines: Desirable and Undesirable Action and Consequences. <i>Annals of Internal Medicine</i> , 2016 , 164, 701-2	8	
71	The Penn Medicine Center for Evidence-Based Practice: Supporting the Quality, Safety, and Value of Patient Care Through Evidence-Based Practice at the Systems Level (USA) 2016 , 213-226		
70	Evidence synthesis activities of a hospital evidence-based practice center and impact on hospital decision making. <i>Journal of Hospital Medicine</i> , 2016 , 11, 185-92	2.7	7
69	Calcineurin Inhibitor Minimization, Conversion, Withdrawal, and Avoidance Strategies in Renal Transplantation: A Systematic Review and Meta-Analysis. <i>American Journal of Transplantation</i> , 2016 , 16, 2117-38	8.7	64
68	Neuromuscular Blocking Agents and Neuromuscular Dysfunction Acquired in Critical Illness: A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2016 , 44, 2070-2078	1.4	32
67	Using educational prescriptions to teach medical students evidence-based medicine. <i>Medical Teacher</i> , 2016 , 38, 1112-1117	3	7
66	Systematic Review of Calcineurin Inhibitor Monitoring and Dosing Strategies in Renal Transplantation: Notice of a New Report Funded by the Agency for Healthcare Research and Quality. <i>Clinical Chemistry</i> , 2016 , 62, 900-1	5.5	
65	Post-Acute Care Use and Hospital Readmission after Sepsis. <i>Annals of the American Thoracic Society</i> , 2015 , 12, 904-13	4.7	77
64	Clinician Perception of the Effectiveness of an Automated Early Warning and Response System for Sepsis in an Academic Medical Center. <i>Annals of the American Thoracic Society</i> , 2015 , 12, 1514-9	4.7	23
63	A taxonomy of rapid reviews links report types and methods to specific decision-making contexts. <i>Journal of Clinical Epidemiology</i> , 2015 , 68, 1451-62.e3	5.7	37
62	Comparing the economic and health benefits of different approaches to diagnosing <i>Clostridium difficile</i> infection. <i>Clinical Microbiology and Infection</i> , 2015 , 21, 77.e1-9	9.5	17
61	Uptake and impact of a clinical diagnostic decision support tool at an academic medical center. <i>Diagnosis</i> , 2015 , 2, 123-127	4.2	6
60	Cleaning Hospital Room Surfaces to Prevent Health Care-Associated Infections: A Technical Brief. <i>Annals of Internal Medicine</i> , 2015 , 163, 598-607	8	116
59	Advancing knowledge of rapid reviews: an analysis of results, conclusions and recommendations from published review articles examining rapid reviews. <i>Systematic Reviews</i> , 2015 , 4, 50	3	75
58	Development, implementation, and impact of an automated early warning and response system for sepsis. <i>Journal of Hospital Medicine</i> , 2015 , 10, 26-31	2.7	119
57	In response to "Development, implementation and impact of an automated early warning and response system for sepsis". <i>Journal of Hospital Medicine</i> , 2015 , 10, 341	2.7	1

56	Incentivizing "structures" over "outcomes" to bridge the knowing-doing gap. <i>JAMA Internal Medicine</i> , 2015 , 175, 354-5	11.5	9
55	Neonatal Herpes Simplex Virus Type 1 Infection and Jewish Ritual Circumcision With Oral Suction: A Systematic Review. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2015 , 4, 126-31	4.8	14
54	Teaching Evidence Assimilation for Collaborative Health Care (TEACH) 2009-2014: Building Evidence-Based Capacity within Health Care Provider Organizations. <i>EGEMS (Washington, DC)</i> , 2015 , 3, 1165	2.2	6
53	Assessing preventability in the quest to reduce hospital readmissions. <i>Journal of Hospital Medicine</i> , 2014 , 9, 598-603	2.7	26
52	Agency for Healthcare Research and Quality Evidence-based Practice Center methods for systematically reviewing complex multicomponent health care interventions. <i>Journal of Clinical Epidemiology</i> , 2014 , 67, 1181-91	5.7	33
51	Usability and impact of a computerized clinical decision support intervention designed to reduce urinary catheter utilization and catheter-associated urinary tract infections. <i>Infection Control and Hospital Epidemiology</i> , 2014 , 35, 1147-55	2	13
50	The next organizational challenge: finding and addressing diagnostic error. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2014 , 40, 102-10	1.4	42
49	Comparative Effectiveness of Cognitive Behavioral Therapy for Insomnia: A Systematic Review. <i>Focus (American Psychiatric Publishing)</i> , 2014 , 12, 80-89	1.1	2
48	The treatment cascade for chronic hepatitis C virus infection in the United States: a systematic review and meta-analysis. <i>PLoS ONE</i> , 2014 , 9, e101554	3.7	290
47	Reply to Simon, Shah et al, and Hartzema and Chen. <i>Clinical Infectious Diseases</i> , 2014 , 58, 605-7	11.6	
46	Hourly rounding to improve nursing responsiveness: a systematic review. <i>Journal of Nursing Administration</i> , 2014 , 44, 462-72	1.6	61
45	Evidence-based risk communication: a systematic review. <i>Annals of Internal Medicine</i> , 2014 , 161, 270-80	8	211
44	Is fidaxomicin worth the cost? An economic analysis. <i>Clinical Infectious Diseases</i> , 2013 , 57, 555-61	11.6	88
43	Nonpharmacologic interventions for prevention of catheter-related thrombosis: a systematic review. <i>Journal of Critical Care</i> , 2013 , 28, 316.e9-16	4	7
42	Snapshots of low-value medical care. <i>JAMA Internal Medicine</i> , 2013 , 173, 186-7	11.5	2
41	Effect of simvastatin-amiodarone drug interaction alert on appropriate prescribing. <i>American Journal of Health-System Pharmacy</i> , 2013 , 70, 1878-9	2.2	3
40	Excerpt from PHS guideline for reducing HIV, HBV and HCV transmission through organ transplantation. <i>American Journal of Transplantation</i> , 2013 , 13, 1953-62	8.7	24
39	A Primer on Performing Systematic Reviews and Meta-analyses. <i>Clinical Infectious Diseases</i> , 2013 , 57, 725-34	11.6	20

38	The readmission risk flag: using the electronic health record to automatically identify patients at risk for 30-day readmission. <i>Journal of Hospital Medicine</i> , 2013 , 8, 689-95	2.7	44
37	PHS guideline for reducing human immunodeficiency virus, hepatitis B virus, and hepatitis C virus transmission through organ transplantation. <i>Public Health Reports</i> , 2013 , 128, 247-343	2.5	182
36	Statins and cognitive function: a systematic review. <i>Annals of Internal Medicine</i> , 2013 , 159, 688-97	8	185
35	The Mortality Review Committee: a novel and scalable approach to reducing inpatient mortality. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2013 , 39, 387-95	1.4	22
34	Magnetocardiography for the diagnosis of coronary artery disease: a systematic review and meta-analysis. <i>Annals of Noninvasive Electrocardiology</i> , 2012 , 17, 291-8	1.5	11
33	Comparative effectiveness of cognitive behavioral therapy for insomnia: a systematic review. <i>BMC Family Practice</i> , 2012 , 13, 40	2.6	263
32	Effectiveness of a novel and scalable clinical decision support intervention to improve venous thromboembolism prophylaxis: a quasi-experimental study. <i>BMC Medical Informatics and Decision Making</i> , 2012 , 12, 92	3.6	16
31	Tissue Doppler imaging for diagnosis of coronary artery disease: a systematic review and meta-analysis. <i>Cardiovascular Ultrasound</i> , 2012 , 10, 47	2.4	16
30	Systematic review and cost-benefit analysis of radial artery access for coronary angiography and intervention. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2012 , 5, 454-62	5.8	114
29	Comparative effectiveness of care coordination interventions in the emergency department: a systematic review. <i>Annals of Emergency Medicine</i> , 2012 , 60, 12-23.e1	2.1	76
28	Economic value of norovirus outbreak control measures in healthcare settings. <i>Clinical Microbiology and Infection</i> , 2011 , 17, 640-6	9.5	28
27	Economic impact of outbreaks of norovirus infection in hospitals. <i>Infection Control and Hospital Epidemiology</i> , 2011 , 32, 191-3	2	23
26	Estimating the proportion of healthcare-associated infections that are reasonably preventable and the related mortality and costs. <i>Infection Control and Hospital Epidemiology</i> , 2011 , 32, 101-14	2	640
25	Reply to Maiwald et al and Riccio et al. <i>Infection Control and Hospital Epidemiology</i> , 2011 , 32, 406-8	2	3
24	Guideline for the prevention and control of norovirus gastroenteritis outbreaks in healthcare settings. <i>Infection Control and Hospital Epidemiology</i> , 2011 , 32, 939-69	2	127
23	Key concepts of clinical trials: a narrative review. <i>Postgraduate Medicine</i> , 2011 , 123, 194-204	3.7	126
22	When the decision is what to decide: using evidence inventory reports to focus health technology assessments. <i>International Journal of Technology Assessment in Health Care</i> , 2011 , 27, 127-32	1.8	5
21	Maximizing the clinical utility of comparative effectiveness research. <i>Clinical Pharmacology and Therapeutics</i> , 2010 , 88, 876-9	6.1	8

20	Integrating local data into hospital-based healthcare technology assessment: two case studies. <i>International Journal of Technology Assessment in Health Care</i> , 2010 , 26, 294-300	1.8	22
19	Racial disparities in hypertension control, but not treatment intensification. <i>American Journal of Hypertension</i> , 2010 , 23, 54-61	2.3	26
18	Response to "Racial Disparities in Hypertension Control: Not the Provider but Still a Problem". <i>American Journal of Hypertension</i> , 2010 , 23, 455-455	2.3	
17	Systematic review and cost analysis comparing use of chlorhexidine with use of iodine for preoperative skin antisepsis to prevent surgical site infection. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31, 1219-29	2	158
16	Updating the guideline development methodology of the Healthcare Infection Control Practices Advisory Committee (HICPAC). <i>American Journal of Infection Control</i> , 2010 , 38, 264-73	3.8	35
15	Guideline for prevention of catheter-associated urinary tract infections 2009. <i>Infection Control and Hospital Epidemiology</i> , 2010 , 31, 319-26	2	611
14	Venous thromboembolism prophylaxis for patients undergoing bariatric surgery: a systematic review. <i>Surgery for Obesity and Related Diseases</i> , 2010 , 6, 213-20	3	28
13	A systematic review to inform institutional decisions about the use of extracorporeal membrane oxygenation during the H1N1 influenza pandemic. <i>Critical Care Medicine</i> , 2010 , 38, 1398-404	1.4	50
12	Hospital-based comparative effectiveness centers: translating research into practice to improve the quality, safety and value of patient care. <i>Journal of General Internal Medicine</i> , 2010 , 25, 1352-5	4	31
11	Osteoinductive bone graft substitutes for lumbar fusion: a systematic review. <i>Journal of Neurosurgery: Spine</i> , 2009 , 11, 729-40	2.8	61
10	Heparin flushing and other interventions to maintain patency of central venous catheters: a systematic review. <i>Journal of Advanced Nursing</i> , 2009 , 65, 2007-21	3.1	82
9	Evidence in the learning organization. <i>Health Research Policy and Systems</i> , 2009 , 7, 4	3.7	13
8	Gadolinium-based contrast agents and nephrogenic systemic fibrosis: a systematic review and meta-analysis. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 856-63	4.3	114
7	Untreated hypertension and the emergency department: a chance to intervene?. <i>Academic Emergency Medicine</i> , 2008 , 15, 529-36	3.4	23
6	Weight-based low-molecular-weight heparin versus weight-based intravenous unfractionated heparin. <i>Annals of Internal Medicine</i> , 2007 , 147, 433-4; author reply 434	8	1
5	Antifibrinolytic use in adult cardiac surgery. <i>Current Opinion in Hematology</i> , 2007 , 14, 455-67	3.3	18
4	Research letter: Do physicians discuss political issues with their patients?. <i>Journal of General Internal Medicine</i> , 2006 , 21, 400-1	4	1
3	HIV envelope induces virus expression from resting CD4+ T cells isolated from HIV-infected individuals in the absence of markers of cellular activation or apoptosis. <i>Journal of Immunology</i> , 2003 , 170, 2449-55	5.3	44

2	Up-regulation of oxytocin receptor messenger ribonucleic acid and protein by estradiol in the cervix of ovariectomized rat. <i>Biology of Reproduction</i> , 1998 , 59, 1131-8	3.9	17
1	A Framework for Conceptualizing Evidence Needs of Health Systems		3