

# Cassandra Thiel

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,857  
citations

279798

23  
h-index

289244

40  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1041  
citing authors

#	ARTICLE	IF	CITATIONS
1	What a Waste! The Impact of Unused Surgical Supplies in Hand Surgery and How We Can Improve. <i>Hand</i> , 2023, 18, 1215-1221.	1.2	4
2	Waste audits in healthcare: A systematic review and description of best practices. <i>Waste Management and Research</i> , 2023, 41, 3-17.	3.9	6
3	Severe Acute Respiratory Syndrome Coronavirus Disease 2019: More Safety at the Expense of More Medical Waste. <i>Ophthalmology Glaucoma</i> , 2022, 5, 1-4.	1.9	0
4	Climate change and global health: A call to more research and more action. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1389-1407.	5.7	60
5	All Specialties in Radiology Must Address the Climate Crisis. <i>Radiology</i> , 2022, , 211856.	7.3	0
6	Identifying high-value care for Medicare beneficiaries: a cross-sectional study of acute care hospitals in the USA. <i>BMJ Open</i> , 2022, 12, e053629.	1.9	2
7	Differences in reuse of cataract surgical supplies and pharmaceuticals based on type of surgical facility. <i>Journal of Cataract and Refractive Surgery</i> , 2022, Publish Ahead of Print, .	1.5	2
8	Environmental footprint of regular and intensive inpatient care in a large US hospital. <i>International Journal of Life Cycle Assessment</i> , 2022, 27, 38-49.	4.7	22
9	Addressing the climate impacts of healthcare. <i>Journal of Hospital Medicine</i> , 2022, 17, 661-664.	1.4	1
10	Environmentally sustainable brachytherapy care. <i>Brachytherapy</i> , 2022, , .	0.5	2
11	Transitioning to Environmentally Sustainable, Climate-Smart Radiation Oncology Care. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 113, 915-924.	0.8	15
12	Carbon and Cataracts: How to Make Your Service Sustainable. , 2021, , 227-240.		1
13	Waste generation and carbon emissions of a hospital kitchen in the US: Potential for waste diversion and carbon reductions. <i>PLoS ONE</i> , 2021, 16, e0247616.	2.5	9
14	Life Cycle Greenhouse Gas Emissions of Gastrointestinal Biopsies in a Surgical Pathology Laboratory. <i>American Journal of Clinical Pathology</i> , 2021, 156, 540-549.	0.7	43
15	Improving productivity, costs and environmental impact in International Eye Health Services: using the "Eyeefficiency"™ cataract surgical services auditing tool to assess the value of cataract surgical services. <i>BMJ Open Ophthalmology</i> , 2021, 6, e000642.	1.6	29
16	The Environmental Impact of Interventional Radiology: An Evaluation of Greenhouse Gas Emissions from an Academic Interventional Radiology Practice. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 907-915.e3.	0.5	44
17	Environmental emissions reduction of a preoperative evaluation center utilizing telehealth screening and standardized preoperative testing guidelines. <i>Resources, Conservation and Recycling</i> , 2021, 171, 105652.	10.8	9
18	Survey of cataract surgeons' and nurses' attitudes toward operating room waste. <i>Journal of Cataract and Refractive Surgery</i> , 2020, 46, 933-940.	1.5	46

#	ARTICLE	IF	CITATIONS
19	The Green Print: Advancement of Environmental Sustainability in Healthcare. Resources, Conservation and Recycling, 2020, 161, 104882.	10.8	121
20	Transforming The Medical Device Industry: Road Map To A Circular Economy. Health Affairs, 2020, 39, 2088-2097.	5.2	103
21	Utilizing off-the-shelf LCA methods to develop a "triple bottom line" auditing tool for global cataract surgical services. Resources, Conservation and Recycling, 2020, 158, 104805.	10.8	12
22	Use of Disposable Perioperative Jackets and Surgical Site Infections. JAMA Surgery, 2020, 155, 453.	4.3	2
23	Supply Chain Optimization and Waste Reduction"Reply. JAMA - Journal of the American Medical Association, 2020, 323, 573.	7.4	0
24	Dumpster Diving in the Emergency Department: Quantity and Characteristics of Waste at a Level I Trauma Center. Western Journal of Emergency Medicine, 2020, 21, 1211-1217.	1.1	23
25	Reducing Pollution From the Health Care Industry. JAMA - Journal of the American Medical Association, 2019, 322, 1043.	7.4	90
26	Quantification of the Cost and Potential Environmental Effects of Unused Pharmaceutical Products in Cataract Surgery. JAMA Ophthalmology, 2019, 137, 1156.	2.5	51
27	Improving Value in Health Care Through Comprehensive Supply Optimization. JAMA - Journal of the American Medical Association, 2019, 322, 1451.	7.4	14
28	Potential for industrial ecology to support healthcare sustainability: Scoping review of a fragmented literature and conceptual framework for future research. Journal of Industrial Ecology, 2019, 23, 1344-1352.	5.5	22
29	Minimal Custom Pack Design and Wide-Awake Hand Surgery: Reducing Waste and Spending in the Orthopedic Operating Room. Hand, 2019, 14, 271-276.	1.2	51
30	Strategies to Reduce Greenhouse Gas Emissions from Laparoscopic Surgery. American Journal of Public Health, 2018, 108, S158-S164.	2.7	128
31	Dynamic Life Cycle Assessments of a Conventional Green Building and a Net Zero Energy Building: Exploration of Static, Dynamic, Attributional, and Consequential Electricity Grid Models. Environmental Science & Technology, 2018, 52, 11429-11438.	10.0	39
32	Waste generated during glaucoma surgery: A comparison of two global facilities. American Journal of Ophthalmology Case Reports, 2018, 12, 87-90.	0.7	28
33	Attitude of US obstetricians and gynaecologists to global warming and medical waste. Journal of Health Services Research and Policy, 2017, 22, 162-167.	1.7	31
34	Evaluating the Life Cycle Environmental Benefits and Trade-Offs of Water Reuse Systems for Net-Zero Buildings. Environmental Science & Technology, 2017, 51, 1110-1119.	10.0	38
35	Do single-use medical devices containing biopolymers reduce the environmental impacts of surgical procedures compared with their plastic equivalents?. Journal of Health Services Research and Policy, 2017, 22, 218-225.	1.7	29
36	Cataract surgery and environmental sustainability: Waste and lifecycle assessment of phacoemulsification at a private healthcare facility. Journal of Cataract and Refractive Surgery, 2017, 43, 1391-1398.	1.5	145

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37	Carbon footprint and cost-effectiveness of cataract surgery. <i>Current Opinion in Ophthalmology</i> , 2016, 27, 82-88.	2.9	55
38	Understanding Green Building Design and Healthcare Outcomes: Evidence-Based Design Analysis of an Oncology Unit. <i>Journal of Architectural Engineering</i> , 2016, 22, .	1.6	10
39	Integrating Life Cycle Assessment with Green Building and Product Rating Systems: North American Perspective. <i>Procedia Engineering</i> , 2015, 118, 662-669.	1.2	16
40	Environmental Impacts of Surgical Procedures: Life Cycle Assessment of Hysterectomy in the United States. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1779-1786.	10.0	223
41	Sustainable healthcare and environmental life-cycle impacts of disposable supplies: a focus on disposable custom packs. <i>Journal of Cleaner Production</i> , 2015, 94, 46-55.	9.3	123
42	Building design and performance: A comparative longitudinal assessment of a Children's hospital. <i>Building and Environment</i> , 2014, 78, 130-136.	6.9	26
43	A Materials Life Cycle Assessment of a Net-Zero Energy Building. <i>Energies</i> , 2013, 6, 1125-1141.	3.1	83
44	Life Cycle Assessment as a tool for Improving Service Industry Sustainability. <i>IEEE Potentials</i> , 2012, 31, 10-15.	0.3	6
45	Life cycle assessment perspectives on delivering an infant in the US. <i>Science of the Total Environment</i> , 2012, 425, 191-198.	8.0	93
46	Use of Life Cycle Assessment in healthcare: A preliminary Cesarean section case study. , 2011, , .		0