

Sonya Crowe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8082489/publications.pdf>

Version: 2024-02-01

42
papers

1,010
citations

394421

19
h-index

454955

30
g-index

47
all docs

47
docs citations

47
times ranked

1177
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Systems modelling and simulation in health service design, delivery and decision making. <i>BMJ Quality and Safety</i> , 2016, 25, 38-45. | 3.7 | 84 |
| 2 | Trends in 30-day mortality rate and case mix for paediatric cardiac surgery in the UK between 2000 and 2010. <i>Open Heart</i> , 2015, 2, e000157. | 2.3 | 80 |
| 3 | How many births in sub-Saharan Africa and South Asia will not be attended by a skilled birth attendant between 2011 and 2015?. <i>BMC Pregnancy and Childbirth</i> , 2012, 12, 4. | 2.4 | 79 |
| 4 | Ethnic and socioeconomic variation in incidence of congenital heart defects. <i>Archives of Disease in Childhood</i> , 2017, 102, 496-502. | 1.9 | 60 |
| 5 | Development of a diagnosis- and procedure-based risk model for 30-day outcome after pediatric cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 145, 1270-1278. | 0.8 | 46 |
| 6 | Death and Emergency Readmission of Infants Discharged After Interventions for Congenital Heart Disease: A National Study of 7643 Infants to Inform Service Improvement. <i>Journal of the American Heart Association</i> , 2016, 5, . | 3.7 | 42 |
| 7 | Operational research applied to decisions in home health care: A systematic literature review. <i>Journal of the Operational Research Society</i> , 2021, 72, 1960-1991. | 3.4 | 42 |
| 8 | Effect of nutrition survey "cleaning criteria"™ on estimates of malnutrition prevalence and disease burden: secondary data analysis. <i>PeerJ</i> , 2014, 2, e380. | 2.0 | 41 |
| 9 | Real time monitoring of risk-adjusted paediatric cardiac surgery outcomes using variable life-adjusted display: implementation in three UK centres. <i>Heart</i> , 2013, 99, 1445-1450. | 2.9 | 38 |
| 10 | "I was so worried about every drop of milk" feeding problems at home are a significant concern for parents after major heart surgery in infancy. <i>Maternal and Child Nutrition</i> , 2017, 13, . | 3.0 | 37 |
| 11 | Going home after infant cardiac surgery: a UK qualitative study. <i>Archives of Disease in Childhood</i> , 2016, 101, 320-325. | 1.9 | 36 |
| 12 | Improving Risk Adjustment for Mortality After Pediatric Cardiac Surgery: The UK PRAiS2 Model. <i>Annals of Thoracic Surgery</i> , 2017, 104, 211-219. | 1.3 | 35 |
| 13 | Parents'™ Experiences of Caring for Their Child at the Time of Discharge After Cardiac Surgery and During the Postdischarge Period: Qualitative Study Using an Online Forum. <i>Journal of Medical Internet Research</i> , 2018, 20, e155. | 4.3 | 34 |
| 14 | Improving health-care quality in resource-poor settings. <i>Bulletin of the World Health Organization</i> , 2017, 95, 76-78. | 3.3 | 33 |
| 15 | Is essential newborn care provided by institutions and after home births? Analysis of prospective data from community trials in rural South Asia. <i>BMC Pregnancy and Childbirth</i> , 2014, 14, 99. | 2.4 | 29 |
| 16 | Signs of deterioration in infants discharged home following congenital heart surgery in the first year of life: a qualitative study. <i>Archives of Disease in Childhood</i> , 2016, 101, 902-908. | 1.9 | 29 |
| 17 | Incorporating Comorbidity Within Risk Adjustment for UK Pediatric Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2017, 104, 220-226. | 1.3 | 24 |
| 18 | A method for early evaluation of a recently introduced technology by deriving a comparative group from existing clinical data: a case study in external support of the Marfan aortic root. <i>BMJ Open</i> , 2012, 2, e000725. | 1.9 | 23 |

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|----|---|-----|-----------|
| 19 | Combining qualitative and quantitative operational research methods to inform quality improvement in pathways that span multiple settings. <i>BMJ Quality and Safety</i> , 2017, 26, 641-652. | 3.7 | 23 |
| 20 | Identifying improvements to complex pathways: evidence synthesis and stakeholder engagement in infant congenital heart disease. <i>BMJ Open</i> , 2016, 6, e010363. | 1.9 | 19 |
| 21 | Ethnic-specific mortality of infants undergoing congenital heart surgery in England and Wales. <i>Archives of Disease in Childhood</i> , 2019, 104, 844-850. | 1.9 | 17 |
| 22 | The road to hell is paved with good intentions: the experience of applying for national data for linkage and suggestions for improvement. <i>BMJ Open</i> , 2021, 11, e047575. | 1.9 | 17 |
| 23 | Examining the feasibility of using a modelling tool to assess resilience across a health-care system and assist with decisions concerning service reconfiguration. <i>Journal of the Operational Research Society</i> , 2014, 65, 1522-1532. | 3.4 | 15 |
| 24 | A model to evaluate mass vaccination against pneumococcus as a countermeasure against pandemic influenza. <i>Vaccine</i> , 2011, 29, 5065-5077. | 3.8 | 14 |
| 25 | Use of diagnostic information submitted to the United Kingdom Central Cardiac Audit Database: development of categorisation and allocation algorithms. <i>Cardiology in the Young</i> , 2013, 23, 491-498. | 0.8 | 13 |
| 26 | The benefits and risks of risk-adjustment in paediatric cardiac surgery. <i>Heart</i> , 2014, 100, 528-529. | 2.9 | 11 |
| 27 | Improving the production of applied health research findings: insights from a qualitative study of operational research. <i>Implementation Science</i> , 2017, 12, 112. | 6.9 | 11 |
| 28 | Cohort study of intervened functionally univentricular heart in England and Wales (2000-2018). <i>Heart</i> , 2022, 108, 1046-1054. | 2.9 | 11 |
| 29 | Infant deaths in the UK community following successful cardiac surgery: building the evidence base for optimal surveillance, a mixed-methods study. <i>Health Services and Delivery Research</i> , 2016, 4, 1-176. | 1.4 | 8 |
| 30 | Improving risk adjustment in the PRAiS (Partial Risk Adjustment in Surgery) model for mortality after paediatric cardiac surgery and improving public understanding of its use in monitoring outcomes. <i>Health Services and Delivery Research</i> , 2017, 5, 1-164. | 1.4 | 8 |
| 31 | Generating Insights from Trends in Newborn Care Practices from Prospective Population-Based Studies: Examples from India, Bangladesh and Nepal. <i>PLoS ONE</i> , 2015, 10, e0127893. | 2.5 | 7 |
| 32 | Issues facing families of infants discharged after cardiac surgery: the perceptions of charity helpline staff. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 1418-1426. | 1.5 | 7 |
| 33 | What was the impact of the first wave of COVID-19 on the delivery of care to children and adults with congenital heart disease? A qualitative study using online forums. <i>BMJ Open</i> , 2021, 11, e049006. | 1.9 | 7 |
| 34 | How can operational research and ethnography help to fix your emergency department?. <i>Journal of the Royal Society of Medicine</i> , 2019, 112, 415-419. | 2.0 | 5 |
| 35 | “What’s the evidence?” Towards more empirical evaluations of the impact of OR interventions in healthcare. <i>Health Systems</i> , 2022, 11, 59-67. | 1.2 | 5 |
| 36 | Linkage of National Congenital Heart Disease Audit data to hospital, critical care and mortality national data sets to enable research focused on quality improvement. <i>BMJ Open</i> , 2022, 12, e057343. | 1.9 | 4 |

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|----|---|-----|-----------|
| 37 | Using a mathematical model to assist with the management of paediatric heart transplant waiting lists: a case study. IMA Journal of Management Mathematics, 2012, 23, 99-116. | 1.6 | 3 |
| 38 | A novel approach to evaluating the UK childhood immunisation schedule: estimating the effective coverage vector across the entire vaccine programme. BMC Infectious Diseases, 2015, 15, 585. | 2.9 | 3 |
| 39 | A method for evaluating and comparing immunisation schedules that cover multiple diseases: Illustrative application to the UK routine childhood vaccine schedule. Vaccine, 2018, 36, 5340-5347. | 3.8 | 3 |
| 40 | Praxis in healthcare OR: An empirical behavioural OR study. Journal of the Operational Research Society, 2022, 73, 1444-1456. | 3.4 | 3 |
| 41 | Informing the management of pediatric heart transplant waiting lists: Complementary use of simulation and analytical modeling. , 2015, , . | | 2 |
| 42 | A stochastic model associated with paediatric heart transplantation. Health Systems, 2013, 2, 24-31. | 1.2 | 0 |