

Matthew E Oster

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3469825/publications.pdf>

Version: 2024-02-01

95
papers

7,550
citations

136740

32
h-index

58464

82
g-index

98
all docs

98
docs citations

98
times ranked

9771
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Multisystem Inflammatory Syndrome in U.S. Children and Adolescents. <i>New England Journal of Medicine</i> , 2020, 383, 334-346. | 13.9 | 2,006 |
| 2 | COVID-19-associated Multisystem Inflammatory Syndrome in Children – United States, March–July 2020. <i>Morbidity and Mortality Weekly Report</i> , 2020, 69, 1074-1080. | 9.0 | 591 |
| 3 | Temporal Trends in Survival Among Infants With Critical Congenital Heart Defects. <i>Pediatrics</i> , 2013, 131, e1502-e1508. | 1.0 | 521 |
| 4 | Congenital Heart Defects in the United States. <i>Circulation</i> , 2016, 134, 101-109. | 1.6 | 507 |
| 5 | Myocarditis Cases Reported After mRNA-Based COVID-19 Vaccination in the US From December 2020 to August 2021. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 331. | 3.8 | 434 |
| 6 | Use of mRNA COVID-19 Vaccine After Reports of Myocarditis Among Vaccine Recipients: Update from the Advisory Committee on Immunization Practices – United States, June 2021. <i>Morbidity and Mortality Weekly Report</i> , 2021, 70, 977-982. | 9.0 | 431 |
| 7 | Symptomatic Acute Myocarditis in 7 Adolescents After Pfizer-BioNTech COVID-19 Vaccination. <i>Pediatrics</i> , 2021, 148, . | 1.0 | 294 |
| 8 | Factors linked to severe outcomes in multisystem inflammatory syndrome in children (MIS-C) in the USA: a retrospective surveillance study. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 323-331. | 2.7 | 235 |
| 9 | Trends in Long-Term Mortality After Congenital Heart Surgery. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2434-2446. | 1.2 | 144 |
| 10 | Long-Term Outcomes in Children with Congenital Heart Disease: National Health Interview Survey. <i>Journal of Pediatrics</i> , 2015, 166, 119-124.e1. | 0.9 | 118 |
| 11 | Racial and Ethnic Disparities in Post-Operative Mortality following Congenital Heart Surgery. <i>Journal of Pediatrics</i> , 2011, 159, 222-226. | 0.9 | 117 |
| 12 | Quantitative SARS-CoV-2 Serology in Children With Multisystem Inflammatory Syndrome (MIS-C). <i>Pediatrics</i> , 2020, 146, . | 1.0 | 113 |
| 13 | Association of US State Implementation of Newborn Screening Policies for Critical Congenital Heart Disease With Early Infant Cardiac Deaths. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 2111. | 3.8 | 106 |
| 14 | Long-term Outcomes of Tetralogy of Fallot. <i>JAMA Cardiology</i> , 2019, 4, 34. | 3.0 | 90 |
| 15 | Association Between Birth Defects and Cancer Risk Among Children and Adolescents in a Population-Based Assessment of 10 Million Live Births. <i>JAMA Oncology</i> , 2019, 5, 1150. | 3.4 | 87 |
| 16 | Reported cases of multisystem inflammatory syndrome in children aged 12–20 years in the USA who received a COVID-19 vaccine, December, 2020, through August, 2021: a surveillance investigation. <i>The Lancet Child and Adolescent Health</i> , 2022, 6, 303-312. | 2.7 | 86 |
| 17 | Estimated Number of Infants Detected and Missed by Critical Congenital Heart Defect Screening. <i>Pediatrics</i> , 2015, 135, 1000-1008. | 1.0 | 81 |
| 18 | Coronavirus Disease 2019 (COVID-19) Pandemic Implications in Pediatric and Adult Congenital Heart Disease. <i>Journal of the American Heart Association</i> , 2020, 9, e017224. | 1.6 | 80 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A Population-Based Study of the Association of Prenatal Diagnosis With Survival Rate for Infants With Congenital Heart Defects. <i>American Journal of Cardiology</i> , 2014, 113, 1036-1040. | 0.7 | 73 |
| 20 | Lessons Learned From Newborn Screening for Critical Congenital Heart Defects. <i>Pediatrics</i> , 2016, 137, . | 1.0 | 71 |
| 21 | Transcatheter Versus Surgical Closure of Atrial Septal Defects in Children. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 79-86. | 1.1 | 68 |
| 22 | Associations Between Maternal Fever and Influenza and Congenital Heart Defects. <i>Journal of Pediatrics</i> , 2011, 158, 990-995. | 0.9 | 62 |
| 23 | 22q11.2 Deletion syndrome is associated with increased perioperative events and more complicated postoperative course in infants undergoing infant operative correction of truncus arteriosus communis or interrupted aortic arch. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1597-1605. | 0.4 | 62 |
| 24 | Association of Interstage Home Monitoring With Mortality, Readmissions, and Weight Gain. <i>Circulation</i> , 2015, 132, 502-508. | 1.6 | 61 |
| 25 | Multisystem Inflammatory Syndrome in Children: Survey of Protocols for Early Hospital Evaluation and Management. <i>Journal of Pediatrics</i> , 2021, 229, 33-40. | 0.9 | 58 |
| 26 | Comparison of Multisystem Inflammatory Syndrome in Childrenâ€“Related Myocarditis, Classic Viral Myocarditis, and COVIDâ€“19 Vaccineâ€“Related Myocarditis in Children. <i>Journal of the American Heart Association</i> , 2022, 11, e024393. | 1.6 | 55 |
| 27 | Association of Digoxin With Interstage Mortality: Results From the Pediatric Heart Network Single Ventricle Reconstruction Trial Public Use Dataset. <i>Journal of the American Heart Association</i> , 2016, 5, . | 1.6 | 49 |
| 28 | Congenital Heart Disease and Autism: A Case-Control Study. <i>Pediatrics</i> , 2019, 144, . | 1.0 | 47 |
| 29 | Assessing surgical risk for adults with congenital heart disease: AreÂ“pediatric scoring systems appropriate?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 666-671. | 0.4 | 44 |
| 30 | Myocarditis in the pediatric population: A review. <i>Congenital Heart Disease</i> , 2019, 14, 868-877. | 0.0 | 42 |
| 31 | Relation of Prenatal Diagnosis With One-Year Survival Rate for Infants With Congenital Heart Disease. <i>American Journal of Cardiology</i> , 2014, 113, 1041-1044. | 0.7 | 41 |
| 32 | Academic Outcomes in Children With Congenital Heart Defects. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017, 10, . | 0.9 | 39 |
| 33 | Sociodemographic Factors and Survival of Infants With Congenital Heart Defects. <i>Pediatrics</i> , 2018, 142, . | 1.0 | 35 |
| 34 | Results of palliation with an initial pulmonary artery band in patients with single ventricle associated with unrestricted pulmonary blood flow. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 213-220. | 0.4 | 34 |
| 35 | A Modified Algorithm for Critical Congenital Heart Disease Screening Using Pulse Oximetry. <i>Pediatrics</i> , 2018, 141, e20174065. | 1.0 | 33 |
| 36 | Syncope in the Pediatric Emergency Department â€“ Can We Predict Cardiac Disease Based on History Alone?. <i>Journal of Emergency Medicine</i> , 2015, 49, 1-7. | 0.3 | 32 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Multisystem Inflammatory Syndrome in Children During Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Delta and Omicron Variant Circulation—United States, July 2021—January 2022. <i>Clinical Infectious Diseases</i> , 2022, 75, S303-S307. | 2.9 | 32 |
| 38 | Long-Term Outcomes in Single-Ventricle Congenital Heart Disease. <i>Circulation</i> , 2018, 138, 2718-2720. | 1.6 | 31 |
| 39 | Proportion of selected congenital heart defects attributable to recognized risk factors. <i>Annals of Epidemiology</i> , 2016, 26, 838-845. | 0.9 | 29 |
| 40 | Long-term outcomes after intervention for pulmonary atresia with intact ventricular septum. <i>Heart</i> , 2019, 105, 1007-1013. | 1.2 | 29 |
| 41 | In-Hospital Vital Status and Heart Transplants After Intervention for Congenital Heart Disease in the Pediatric Cardiac Care Consortium: Completeness of Ascertainment Using the National Death Index and United Network for Organ Sharing Datasets. <i>Journal of the American Heart Association</i> , 2016, 5, . | 1.6 | 26 |
| 42 | Long-Term Survival After Arterial Versus Atrial Switch in d-Transposition of the Great Arteries. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1827-1833. | 0.7 | 23 |
| 43 | Impact of prior hospital mortality versus surgical volume on mortality following surgery for congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 882-886. | 0.4 | 21 |
| 44 | Quality Improvement in Screening for Critical Congenital Heart Disease. <i>Journal of Pediatrics</i> , 2014, 164, 67-71.e2. | 0.9 | 19 |
| 45 | Coronavirus Disease 2019 Infection in Children with Pre-Existing Heart Disease. <i>Journal of Pediatrics</i> , 2020, 227, 302-307.e2. | 0.9 | 18 |
| 46 | Maternal and Neonatal Outcomes of Pregnancies in Women With Congenital Heart Disease: A Meta-Analysis. <i>Journal of the American Heart Association</i> , 2021, 10, e017834. | 1.6 | 18 |
| 47 | Disability Among Young Adults With Congenital Heart Defects: Congenital Heart Survey to Recognize Outcomes, Needs, and Well-Being 2016—2019. <i>Journal of the American Heart Association</i> , 2021, 10, e022440. | 1.6 | 18 |
| 48 | Novel Electrocardiographic Screening Criterion for Hypertrophic Cardiomyopathy in Children. <i>American Journal of Cardiology</i> , 2014, 113, 1246-1249. | 0.7 | 17 |
| 49 | Appropriate Use and Clinical Impact of Echocardiographic “Evaluation of Murmur” in Pediatric Patients. <i>Congenital Heart Disease</i> , 2016, 11, 721-726. | 0.0 | 17 |
| 50 | Genetic and Extracardiac Anomalies Are Associated With Inferior Single Ventricle Palliation Outcomes. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1204-1212. | 0.7 | 17 |
| 51 | The NHLBI Study on Long-term Outcomes after the Multisystem Inflammatory Syndrome In Children (MUSIC): Design and Objectives. <i>American Heart Journal</i> , 2022, 243, 43-53. | 1.2 | 17 |
| 52 | Development and impact of arrhythmias after the Norwood procedure: A report from the Pediatric Heart Network. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 638-645.e2. | 0.4 | 16 |
| 53 | Who Should Be Referred? An Evaluation of Referral Indications for Fetal Echocardiography in the Detection of Structural Congenital Heart Disease. <i>Pediatric Cardiology</i> , 2014, 35, 928-933. | 0.6 | 15 |
| 54 | Long-Term Survival of Patients With Coarctation Repaired During Infancy (from the Pediatric Cardiac Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 0.7 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Cardiac Magnetic Resonance Findings after Multisystem Inflammatory Syndrome in Children. <i>Journal of Pediatrics</i> , 2022, 245, 95-101. | 0.9 | 14 |
| 56 | Serologic and Cytokine Signatures in Children With Multisystem Inflammatory Syndrome and Coronavirus Disease 2019. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac070. | 0.4 | 13 |
| 57 | The Effect of Angiotensin-converting Enzyme Inhibitors on the Rate of Ascending Aorta Dilatation in Patients with Bicuspid Aortic Valve. <i>Congenital Heart Disease</i> , 2015, 10, E1-E5. | 0.0 | 12 |
| 58 | Syncope Best Practices: A Syncope Clinical Practice Guideline to Improve Quality. <i>Congenital Heart Disease</i> , 2016, 11, 230-238. | 0.0 | 12 |
| 59 | Readmission After Pediatric Cardiothoracic Surgery: An Analysis of The Society of Thoracic Surgeons Database. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1816-1823. | 0.7 | 12 |
| 60 | Rationale and design of CH STRONG: Congenital Heart Survey To Recognize Outcomes, Needs, and well-beinG. <i>American Heart Journal</i> , 2020, 221, 106-113. | 1.2 | 12 |
| 61 | Outcomes and hospital costs associated with the Norwood operation: beyond morbidity and mortality. <i>Cardiology in the Young</i> , 2015, 25, 853-859. | 0.4 | 11 |
| 62 | Screening for Critical Congenital Heart Disease. <i>Clinics in Perinatology</i> , 2016, 43, 73-80. | 0.8 | 11 |
| 63 | Preparing adolescents with heart problems for transition to adult care, 2009-2010 National Survey of Children with Special Health Care Needs. <i>Congenital Heart Disease</i> , 2017, 12, 497-506. | 0.0 | 9 |
| 64 | Association of Preoperative Cell Counts With Outcomes After Operation for Congenital Heart Disease. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1234-1240. | 0.7 | 9 |
| 65 | The utility of cardiac magnetic resonance imaging in post-Fontan surveillance. <i>Congenital Heart Disease</i> , 2019, 14, 140-146. | 0.0 | 9 |
| 66 | Impact of Cardiac Neurodevelopmental Evaluation for Children with Congenital Heart Disease. <i>Developmental Neuropsychology</i> , 2022, 47, 32-41. | 1.0 | 8 |
| 67 | Outpatient echocardiography in the evaluation of innocent murmurs in children: utilisation benchmarking. <i>Cardiology in the Young</i> , 2016, 26, 499-505. | 0.4 | 7 |
| 68 | Early-onset dementia among privately-insured adults with and without congenital heart defects in the United States, 2015-2017. <i>International Journal of Cardiology</i> , 2022, 358, 34-38. | 0.8 | 7 |
| 69 | Lessons learned in the use of clinical registry data in a multi-centre prospective study: the Pediatric Heart Network Residual Lesion Score Study. <i>Cardiology in the Young</i> , 2019, 29, 930-938. | 0.4 | 6 |
| 70 | Delayed Coronary Dilatation with Multisystem Inflammatory Syndrome in Children. <i>Case</i> , 2022, 6, 31-35. | 0.1 | 6 |
| 71 | Critical Illness Among Patients Hospitalized With Acute COVID-19 With and Without Congenital Heart Defects. <i>Circulation</i> , 2022, , . | 1.6 | 6 |
| 72 | Screening for Critical Congenital Heart Disease: A Matter of Sensitivity. <i>Pediatric Cardiology</i> , 2013, 34, 203-204. | 0.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Systolic ejection click versus split first heart sound: Are our ears deceiving us?. <i>Congenital Heart Disease</i> , 2017, 12, 417-420. | 0.0 | 5 |
| 74 | Cardiomegaly on chest radiographs as a predictor of heart disease in the pediatric population. <i>American Journal of Emergency Medicine</i> , 2020, 38, 855-859. | 0.7 | 5 |
| 75 | Using pulse oximetry waveforms to detect coarctation of the aorta. <i>BioMedical Engineering OnLine</i> , 2020, 19, 31. | 1.3 | 5 |
| 76 | Treatment of attention deficit/hyperactivity disorder in children with CHD. <i>Cardiology in the Young</i> , 2021, 31, 969-972. | 0.4 | 5 |
| 77 | Association of Digoxin With Preserved Echocardiographic Indices in the Interstage Period: A Possible Mechanism to Explain Improved Survival?. <i>Journal of the American Heart Association</i> , 2021, 10, e021443. | 1.6 | 5 |
| 78 | Right Atrial Fibroma Requiring Emergent Intervention in an 8-Week-Old Infant. <i>Congenital Heart Disease</i> , 2009, 4, 190-192. | 0.0 | 3 |
| 79 | Relationship between Resource Utilization and Length of Stay Following Tetralogy of Fallot Repair. <i>Congenital Heart Disease</i> , 2013, 8, 535-540. | 0.0 | 3 |
| 80 | Down Syndrome: Changing Cardiac Phenotype?. <i>Pediatrics</i> , 2016, 138, e20161223-e20161223. | 1.0 | 3 |
| 81 | Improved National Outcomes Achieved in a Cardiac Learning Health Collaborative Based on Early Performance Level. <i>Journal of Pediatrics</i> , 2020, 222, 186-192.e1. | 0.9 | 3 |
| 82 | Long-Term Risk of Heart Failure-Related Death and Heart Transplant After Congenital Heart Surgery in Childhood (from the Pediatric Cardiac Care Consortium). <i>American Journal of Cardiology</i> , 2022, 167, 111-117. | 0.7 | 3 |
| 83 | An Update on Critical Congenital Heart Disease Screening Using Pulse Oximetry. <i>Current Pediatrics Reports</i> , 2016, 4, 18-27. | 1.7 | 2 |
| 84 | Single ventricle, many arrhythmias. <i>Journal of Thoracic Disease</i> , 2018, 10, S4040-S4042. | 0.6 | 2 |
| 85 | Enhancing efficiency and scientific impact of a clinical trials network: the Pediatric Heart Network Integrated CARdiac Data and Outcomes (iCARD) Collaborative. <i>Cardiology in the Young</i> , 2019, 29, 1121-1126. | 0.4 | 2 |
| 86 | Implementation of a practice plan for the outpatient cardiac evaluation of children after acute SARS-CoV-2 infection and a report of outcomes. <i>American Heart Journal</i> , 2021, 241, 83-86. | 1.2 | 2 |
| 87 | Abstract 15653: Optimizing the Screening Algorithm for Critical Congenital Heart Disease: A Data-Driven Approach. <i>Circulation</i> , 2015, 132, . | 1.6 | 1 |
| 88 | Abstract 11041: Use of Digoxin is Associated With Reduced Interstage Mortality: Results From the Pediatric Heart Network Single Ventricle Reconstruction Trial. <i>Circulation</i> , 2015, 132, . | 1.6 | 1 |
| 89 | Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2013, 95, 203. | 0.7 | 0 |
| 90 | Reply. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 1085-1086. | 1.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 91 | Newborn Screening for Critical Congenital Heart Disease: Appropriately Evaluating This Public Health Program. <i>Pediatric Cardiology</i> , 2020, 41, 1074-1074. | 0.6 | 0 |
| 92 | Racial and ethnic differences in response to treatment for Marfan syndrome. <i>Cardiology in the Young</i> , 2021, 31, 1-8. | 0.4 | 0 |
| 93 | Lost but not missing: factors associated with loss of follow-up in a paediatric cardiology clinic. <i>Cardiology in the Young</i> , 2022, 32, 1061-1065. | 0.4 | 0 |
| 94 | Abstract 13312: Risk Factors for the Development of Tachyarrhythmia Following the Norwood Procedure in the Single Ventricle Reconstruction Trial. <i>Circulation</i> , 2014, 130, . | 1.6 | 0 |
| 95 | Abstract 15999: Beyond Morbidity and Mortality: Academic Outcomes in Children With Congenital Heart Disease. <i>Circulation</i> , 2015, 132, . | 1.6 | 0 |