

Jonathan H Soslow

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,826
citations

430874

18
h-index

302126

39
g-index

84
all docs

84
docs citations

84
times ranked

2382
citing authors

#	ARTICLE	IF	CITATIONS
1	Duchenne muscular dystrophy patients: troponin leak in asymptomatic and implications for drug toxicity studies. <i>Pediatric Research</i> , 2022, 92, 1613-1620.	2.3	6
2	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.	7.4	434
3	Current Practices in Treating Cardiomyopathy and Heart Failure in Duchenne Muscular Dystrophy (DMD): Understanding Care Practices in Order to Optimize DMD Heart Failure Through ACTION. <i>Pediatric Cardiology</i> , 2022, 43, 977-985.	1.3	6
4	Leveraging Cardiac Magnetic Resonance Imaging to Assess Skeletal Muscle Progression in Duchenne Muscular Dystrophy. <i>Neuromuscular Disorders</i> , 2022, , .	0.6	1
5	Comparison of Strain-Encoding and Feature-Tracking Derived Myocardial Deformation Assessment of Left Ventricular Function in a Pediatric and Adult Congenital Heart Disease Cohort. <i>Pediatric Cardiology</i> , 2022, , 1.	1.3	1
6	Cardiac Magnetic Resonance in the Evaluation of COVID-19. <i>Cardiac Failure Review</i> , 2022, 8, e09.	3.0	5
7	Cardiac Magnetic Resonance Imaging Noninvasively Detects Rejection in Pediatric Heart Transplant Recipients. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, 101161CIRCIMAGING121013456.	2.6	5
8	Improving Access and Guideline Adherence in Pulmonary Care in Patients With Duchenne Muscular Dystrophy. <i>Respiratory Care</i> , 2022, 67, 347-352.	1.6	2
9	Congenitally Corrected Transposition Cardiac Surgery: Society of Thoracic Surgeons Database Analysis. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1715-1722.	1.3	5
10	Pediatric Heart Network Echocardiographic Z Scores: Comparison with Other Published Models. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 185-192.	2.8	26
11	COVID-19 Myocardial Pathology Evaluation in Athletes With Cardiac Magnetic Resonance (COMPETE) Tj ETQq1 1 0.784314 rgBT /Ov	1.6	181
12	Non-contrast cardiovascular magnetic resonance detection of myocardial fibrosis in Duchenne muscular dystrophy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 48.	3.3	11
13	Mysterious Infantile Cyanosis: An Imaging Case Series. <i>Case</i> , 2021, 5, 267-272.	0.3	1
14	Valsartan in early-stage hypertrophic cardiomyopathy: a randomized phase 2 trial. <i>Nature Medicine</i> , 2021, 27, 1818-1824.	30.7	51
15	Cardiovascular magnetic resonance evaluation of soldiers after recovery from symptomatic SARS-CoV-2 infection: a caseâ€“control study of cardiovascular post-acute sequelae of SARS-CoV-2 infection (CV PASC). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 106.	3.3	30
16	Acute myopericarditis post intravenous injection of COVID-19 mRNA vaccine differs from viral myocarditis. <i>Clinical Infectious Diseases</i> , 2021, , .	5.8	0
17	Myocardial involvement in children with post-COVID multisystem inflammatory syndrome: a cardiovascular magnetic resonance based multicenter international studyâ€“the CARDOVID registry. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 140.	3.3	33
18	Heart Transplantation in Children with Mitochondrial Disease. <i>Journal of Pediatrics</i> , 2020, 217, 46-51.e4.	1.8	8

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19	Smartphone interfaced handheld echocardiography for focused assessment of ventricular function and structure in children: A pilot study. <i>Echocardiography</i> , 2020, 37, 96-103.	0.9	6
20	Assessment of gadolinium deposition in the brain tissue of pediatric and adult congenital heart disease patients after contrast enhanced cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 82.	3.3	3
21	The BDNF rs6265 Polymorphism is a Modifier of Cardiomyocyte Contractility and Dilated Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7466.	4.1	6
22	Assessing Physical Activity Using Accelerometers in Youth with Duchenne Muscular Dystrophy. <i>Journal of Neuromuscular Diseases</i> , 2020, 7, 331-342.	2.6	14
23	Childhood cancer survivors: The integral role of the cardiologist and cardiovascular imaging. <i>American Heart Journal</i> , 2020, 226, 127-139.	2.7	3
24	Challenges and lessons learned from the Pediatric Heart Network Normal Echocardiogram Database study. <i>Cardiology in the Young</i> , 2020, 30, 456-461.	0.8	3
25	Rehospitalization Following Pediatric Heart Transplantation: Incidence, Indications, and Risk Factors. <i>Pediatric Cardiology</i> , 2020, 41, 584-590.	1.3	2
26	Sedated Echocardiograms Better Characterize Branch Pulmonary Arteries Following Bidirectional Glenn Palliation with Minimal Risk of Adverse Events. <i>Pediatric Cardiology</i> , 2020, 41, 955-961.	1.3	4
27	Beyond ambulation: Measuring physical activity in youth with Duchenne muscular dystrophy. <i>Neuromuscular Disorders</i> , 2020, 30, 277-282.	0.6	11
28	Abstract 15703: Cardiac Magnetic Resonance Imaging Can Non-invasively Detect Rejection in Pediatric Heart Transplant Recipients. <i>Circulation</i> , 2020, 142, .	1.6	0
29	Natural History of Cardiomyopathy in Adult Dogs With Golden Retriever Muscular Dystrophy. <i>Journal of the American Heart Association</i> , 2019, 8, e012443.	3.7	24
30	EFFECT OF CARDIAC MEDICATIONS ON LEFT VENTRICULAR FUNCTION IN PATIENTS WITH DUCHENNE MUSCULAR DYSTROPHY USING CARDIAC MRI. <i>Journal of the American College of Cardiology</i> , 2019, 73, 638.	2.8	0
31	Loss of flow responsive Tie1 results in Impaired Aortic valve remodeling. <i>Developmental Biology</i> , 2019, 455, 73-84.	2.0	7
32	Temporal changes in left ventricular strain with the development of rejection in paediatric heart transplant recipients. <i>Cardiology in the Young</i> , 2019, 29, 954-959.	0.8	6
33	Congenital Heart Surgery Outcomes in Turner Syndrome: The Society of Thoracic Surgeons Database Analysis. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1430-1437.	1.3	10
34	Antagonism of the Thromboxane Prostanoid Receptor as a Potential Therapy for Cardiomyopathy of Muscular Dystrophy. <i>Journal of the American Heart Association</i> , 2019, 8, e011902.	3.7	11
35	Stabilization of Early Duchenne Cardiomyopathy With Aldosterone Inhibition: Results of the Multicenter AIDMD Trial. <i>Journal of the American Heart Association</i> , 2019, 8, e013501.	3.7	40
36	Increased mortality, morbidities, and costs after heart transplantation in heterotaxy syndrome and other complex situs arrangements. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 730-740.e11.	0.8	16

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37	Creation of a novel algorithm to identify patients with Becker and Duchenne muscular dystrophy within an administrative database and application of the algorithm to assess cardiovascular morbidity. <i>Cardiology in the Young</i> , 2019, 29, 290-296.	0.8	7
38	Expanding analytic possibilities in pediatric solid organ transplantation through linkage of administrative and clinical registry databases. <i>Pediatric Transplantation</i> , 2019, 23, e13379.	1.0	15
39	Extracorporeal membrane oxygenation use in the first 24 hours following pediatric heart transplantation: Incidence, risk factors, and outcomes. <i>Pediatric Transplantation</i> , 2019, 23, e13414.	1.0	8
40	EVALUATION OF A MINIATURIZED HANDHELD ECHO MACHINE FOR FOCUSED ASSESSMENT OF VENTRICULAR FUNCTION AND STRUCTURE IN CHILDREN: A PILOT STUDY. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1606.	2.8	0
41	Characteristics and Outcomes of Heart Transplantation in DiGeorge Syndrome. <i>Pediatric Cardiology</i> , 2019, 40, 768-775.	1.3	5
42	The Role of Matrix Metalloproteinases and Tissue Inhibitors of Metalloproteinases in Duchenne Muscular Dystrophy Cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2019, 25, 259-267.	1.7	21
43	Tissue characterisation and myocardial mechanics using cardiac MRI in children with hypertrophic cardiomyopathy. <i>Cardiology in the Young</i> , 2019, 29, 1459-1467.	0.8	8
44	Multi-modal imaging of the pediatric heart transplant recipient. <i>Translational Pediatrics</i> , 2019, 8, 322-338.	1.2	12
45	Practice Variation, Costs and Outcomes Associated with the Use of Inhaled Nitric Oxide in Pediatric Heart Transplant Recipients. <i>Pediatric Cardiology</i> , 2019, 40, 650-657.	1.3	6
46	Center Variation in Hospital Costs for Pediatric Heart Transplantation: The Relationship Between Cost and Outcomes. <i>Pediatric Cardiology</i> , 2019, 40, 357-365.	1.3	9
47	Implementing strain imaging to identify early childhood cancer survivors at risk for cardiovascular disease.. <i>Journal of Clinical Oncology</i> , 2019, 37, e23070-e23070.	1.6	1
48	Changes in Pediatric Heart Transplant Hospitalization Costs Over Time. <i>Transplantation</i> , 2018, 102, 1762-1767.	1.0	6
49	Absence of Fibrosis and Inflammation by Cardiac Magnetic Resonance Imaging in Rheumatoid Arthritis Patients with Low to Moderate Disease Activity. <i>Journal of Rheumatology</i> , 2018, 45, 1078-1084.	2.0	17
50	Effect of Weight Extremes on Ventricular Volumes and Myocardial Strain in Repaired Tetralogy of Fallot as Measured by CMR. <i>Pediatric Cardiology</i> , 2018, 39, 575-584.	1.3	10
51	Heart Transplantation in Children with Turner Syndrome: Analysis of a Linked Dataset. <i>Pediatric Cardiology</i> , 2018, 39, 610-616.	1.3	10
52	Changes in left ventricular strain parameters following pediatric heart transplantation. <i>Pediatric Transplantation</i> , 2018, 22, e13166.	1.0	13
53	Assessment of brain-derived neurotrophic factor and osteopontin in a healthy pediatric population. <i>Journal of Circulating Biomarkers</i> , 2018, 7, 184945441880613.	1.3	2
54	Mechanical circulatory support costs in children bridged to heart transplantation – analysis of a linked database. <i>American Heart Journal</i> , 2018, 201, 77-85.	2.7	10

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55	Does Body Mass Index Predict Premature Cardiomyopathy Onset for Duchenne Muscular Dystrophy?. <i>Journal of Child Neurology</i> , 2017, 32, 499-504.	1.4	6
56	A unique linkage of administrative and clinical registry databases to expand analytic possibilities in pediatric heart transplantation research. <i>American Heart Journal</i> , 2017, 194, 9-15.	2.7	30
57	Noninvasive detection of myocardial fibrosis in pediatric heart transplant recipients: The role of cardiovascular magnetic resonance. <i>Pediatric Transplantation</i> , 2017, 21, e12995.	1.0	4
58	Relationship of Echocardiographic Z Scores Adjusted for Body Surface Area to Age, Sex, Race, and Ethnicity. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	195
59	GRMD cardiac and skeletal muscle metabolism gene profiles are distinct. <i>BMC Medical Genomics</i> , 2017, 10, 21.	1.5	8
60	Increased Number of Circulating CD8/CD26 T Cells in the Blood of Duchenne Muscular Dystrophy Patients Is Associated with Augmented Binding of Adenosine Deaminase and Higher Muscular Strength Scores. <i>Frontiers in Pharmacology</i> , 2017, 8, 914.	3.5	6
61	Increased myocardial native T1 and extracellular volume in patients with Duchenne muscular dystrophy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 5.	3.3	59
62	The Correlation of Skeletal and Cardiac Muscle Dysfunction in Duchenne Muscular Dystrophy. <i>Journal of Neuromuscular Diseases</i> , 2016, 3, 91-99.	2.6	17
63	Evaluation of tricuspid annular plane systolic excursion measured with cardiac MRI in children with tetralogy of Fallot. <i>Cardiology in the Young</i> , 2016, 26, 718-724.	0.8	5
64	Evaluation of Echocardiographic Measures of Left Ventricular Function in Patients with Duchenne Muscular Dystrophy: Assessment of Reproducibility and Comparison to Cardiac Magnetic Resonance Imaging. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 983-991.	2.8	53
65	CARDIAC MYOCARDIAL STRAIN IN PEDIATRIC PATIENTS AFTER BONE MARROW TRANSPLANTATION. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1800.	2.8	170
66	Translating golden retriever muscular dystrophy microarray findings to novel biomarkers for cardiac/skeletal muscle function in Duchenne muscular dystrophy. <i>Pediatric Research</i> , 2016, 79, 629-636.	2.3	23
67	Synthetic hematocrit derived from the longitudinal relaxation of blood can lead to clinically significant errors in measurement of extracellular volume fraction in pediatric and young adult patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 58.	3.3	25
68	Evaluation of Post-Contrast Myocardial T1 in Duchenne Muscular Dystrophy Using Cardiac Magnetic Resonance Imaging. <i>Pediatric Cardiology</i> , 2015, 36, 49-56.	1.3	34
69	Obesity leads to underestimation of ventricular volumes and abnormal myocardial strain in repaired Tetralogy of Fallot as measured by cardiac MRI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, P112.	3.3	1
70	Left ventricular function by echocardiography correlates poorly with cardiac MRI measures in Duchenne muscular dystrophy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, P306.	3.3	3
71	Occlusion of the Left Main Coronary Artery Os By a Tethered Aortic Valve Cusp. <i>Annals of Thoracic Surgery</i> , 2014, 97, e63-e65.	1.3	0
72	Tricuspid annular plane systolic excursion by cardiac MRI has poor correlation with RVEF in pediatric patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, O40.	3.3	0

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73	T1 mapping is abnormal before decline in EF in patients with Becker and Duchenne muscular dystrophy. Journal of Cardiovascular Magnetic Resonance, 2013, 15, P149.	3.3	0
74	A Clinical Prediction Model to Estimate the Risk for Coarctation of the Aorta in the Presence of a Patent Ductus Arteriosus. Journal of the American Society of Echocardiography, 2013, 26, 1379-1387.	2.8	16
75	The cytoplasmic domain of TGF β 2R3 through its interaction with the scaffolding protein, GIPC, directs epicardial cell behavior. Developmental Biology, 2011, 358, 331-343.	2.0	27
76	Left Ventricular Hernia in a Pediatric Transplant Recipient: Case Report and Review of the Literature. Pediatric Cardiology, 2009, 30, 55-58.	1.3	1
77	Idiopathic Premature Closure of the Ductus Arteriosus: An Indication for Early Delivery. Echocardiography, 2008, 25, 650-652.	0.9	28
78	Five-Month-Old Infant With a Unilateral Pleural Effusion. Pediatric Infectious Disease Journal, 2007, 26, 189-190.	2.0	0
79	Not Your Routine Foreign Body: Endobronchial Tuberculosis in an Infant. Pediatrics, 2005, 116, 246-248.	2.1	10
80	Cardiac magnetic resonance diastolic indices correlate with ventricular filling pressures in pediatric heart transplant recipients. Pediatric Transplantation, 0, , .	1.0	2