Jonathan H Soslow

List of Publications by Year
in descending order

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	Myocarditis Cases Reported After mRNA-Based COVID-19 Vaccination in the US From December 2020 to August 2021. JAMA - Journal of the American Medical Association, 2022, 327, 331.	7.4	434
2	Relationship of Echocardiographic Z Scores Adjusted for Body Surface Area to Age, Sex, Race, and Ethnicity. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	195
3	CARDIAC MYOCARDIAL STRAIN IN PEDIATRIC PATIENTS AFTER BONE MARROW TRANSPLANTATION. Journal of the American College of Cardiology, 2016, 67, 1800.	2.8	170
4	COVID-19 Myocardial Pathology Evaluation in Athletes With Cardiac Magnetic Resonance (COMPETE) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	151
5	Increased myocardial native T1 and extracellular volume in patients with Duchenne muscular dystrophy. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 5.	3.3	59
6	Evaluation of Echocardiographic Measures of Left Ventricular Function in Patients with Duchenne Muscular Dystrophy: Assessment of Reproducibility and Comparison to Cardiac Magnetic Resonance Imaging. Journal of the American Society of Echocardiography, 2016, 29, 983-991.	2.8	53
7	Valsartan in early-stage hypertrophic cardiomyopathy: a randomized phase 2 trial. Nature Medicine, 2021, 27, 1818-1824.	30.7	51
8	Stabilization of Early Duchenne Cardiomyopathy With Aldosterone Inhibition: Results of the Multicenter AIDMD Trial. Journal of the American Heart Association, 2019, 8, e013501.	3.7	40
9	Evaluation of Post-Contrast Myocardial T1 in Duchenne Muscular Dystrophy Using Cardiac Magnetic Resonance Imaging. Pediatric Cardiology, 2015, 36, 49-56.	1.3	34
10	Myocardial involvement in children with post-COVID multisystem inflammatory syndrome: a cardiovascular magnetic resonance based multicenter international studyâ€"the CARDOVID registry. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 140.	3.3	33
11	A unique linkage of administrative and clinical registry databases to expand analytic possibilities in pediatric heart transplantation research. American Heart Journal, 2017, 194, 9-15.	2.7	30
12	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). Journal of Cardiovascular Magnetic Resonance, 2021, 23, 106.	3.3	30
13	Idiopathic Premature Closure of the Ductus Arteriosus: An Indication for Early Delivery. Echocardiography, 2008, 25, 650-652.	0.9	28
14	The cytoplasmic domain of TGFÎ²R3 through its interaction with the scaffolding protein, GIPC, directs epicardial cell behavior. Developmental Biology, 2011, 358, 331-343.	2.0	27
15	Pediatric Heart Network Echocardiographic Z Scores: Comparison with Other Published Models. Journal of the American Society of Echocardiography, 2021, 34, 185-192.	2.8	26
16	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. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 58.	3.3	25
17	Natural History of Cardiomyopathy in Adult Dogs With Golden Retriever Muscular Dystrophy. Journal of the American Heart Association, 2019, 8, e012443.	3.7	24
18	Translating golden retriever muscular dystrophy microarray findings to novel biomarkers for cardiac/skeletal muscle function in Duchenne muscular dystrophy. Pediatric Research, 2016, 79, 629-636.	2.3	23

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19	The Role of Matrix Metalloproteinases and Tissue Inhibitors of Metalloproteinases in Duchenne Muscular Dystrophy Cardiomyopathy. Journal of Cardiac Failure, 2019, 25, 259-267.	1.7	21
20	The Correlation of Skeletal and Cardiac Muscle Dysfunction in Duchenne Muscular Dystrophy. Journal of Neuromuscular Diseases, 2016, 3, 91-99.	2.6	17
21	Absence of Fibrosis and Inflammation by Cardiac Magnetic Resonance Imaging in Rheumatoid Arthritis Patients with Low to Moderate Disease Activity. Journal of Rheumatology, 2018, 45, 1078-1084.	2.0	17
22	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
23	Increased mortality, morbidities, and costs after heart transplantation in heterotaxy syndrome and other complex situs arrangements. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 730-740.e11.	0.8	16
24	Expanding analytic possibilities in pediatric solid organ transplantation through linkage of administrative and clinical registry databases. Pediatric Transplantation, 2019, 23, e13379.	1.0	15
25	Assessing Physical Activity Using Accelerometers in Youth with Duchenne Muscular Dystrophy. Journal of Neuromuscular Diseases, 2020, 7, 331-342.	2.6	14
26	Changes in left ventricular strain parameters following pediatric heart transplantation. Pediatric Transplantation, 2018, 22, e13166.	1.0	13
27	Multi-modal imaging of the pediatric heart transplant recipient. Translational Pediatrics, 2019, 8, 322-338.	1.2	12
28	Antagonism of the Thromboxaneâ€Prostanoid Receptor as a Potential Therapy for Cardiomyopathy of Muscular Dystrophy. Journal of the American Heart Association, 2019, 8, e011902.	3.7	11
29	Beyond ambulation: Measuring physical activity in youth with Duchenne muscular dystrophy. Neuromuscular Disorders, 2020, 30, 277-282.	0.6	11
30	Non-contrast cardiovascular magnetic resonance detection of myocardial fibrosis in Duchenne muscular dystrophy. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 48.	3.3	11
31	Not Your Routine Foreign Body: Endobronchial Tuberculosis in an Infant. Pediatrics, 2005, 116, 246-248.	2.1	10
32	Effect of Weight Extremes on Ventricular Volumes and Myocardial Strain in Repaired Tetralogy of Fallot as Measured by CMR. Pediatric Cardiology, 2018, 39, 575-584.	1.3	10
33	Heart Transplantation in Children with Turner Syndrome: Analysis of a Linked Dataset. Pediatric Cardiology, 2018, 39, 610-616.	1.3	10
34	Mechanical circulatory support costs in children bridged to heart transplantation â€" analysis of a linked database. American Heart Journal, 2018, 201, 77-85.	2.7	10
35	Congenital Heart Surgery Outcomes in Turner Syndrome: The Society of Thoracic Surgeons Database Analysis. Annals of Thoracic Surgery, 2019, 108, 1430-1437.	1.3	10
36	Center Variation in Hospital Costs for Pediatric Heart Transplantation: The Relationship Between Cost and Outcomes. Pediatric Cardiology, 2019, 40, 357-365.	1.3	9

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37	GRMD cardiac and skeletal muscle metabolism gene profiles are distinct. BMC Medical Genomics, 2017, 10, 21.	1.5	8
38	Extracorporeal membrane oxygenation use in the first 24Âhours following pediatric heart transplantation: Incidence, risk factors, and outcomes. Pediatric Transplantation, 2019, 23, e13414.	1.0	8
39	Tissue characterisation and myocardial mechanics using cardiac MRI in children with hypertrophic cardiomyopathy. Cardiology in the Young, 2019, 29, 1459-1467.	0.8	8
40	Heart Transplantation in Children with Mitochondrial Disease. Journal of Pediatrics, 2020, 217, 46-51.e4.	1.8	8
41	Loss of flow responsive Tie1 results in Impairedâ€¨Aortic valve remodeling. Developmental Biology, 2019, 455, 73-84.	2.0	7
42	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. Cardiology in the Young, 2019, 29, 290-296.	0.8	7
43	Does Body Mass Index Predict Premature Cardiomyopathy Onset for Duchenne Muscular Dystrophy?. Journal of Child Neurology, 2017, 32, 499-504.	1.4	6
44	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. Frontiers in Pharmacology, 2017, 8, 914.	3.5	6
45	Changes in Pediatric Heart Transplant Hospitalization Costs Over Time. Transplantation, 2018, 102, 1762-1767.	1.0	6
46	Temporal changes in left ventricular strain with the development of rejection in paediatric heart transplant recipients. Cardiology in the Young, 2019, 29, 954-959.	0.8	6
47	Practice Variation, Costs and Outcomes Associated with the Use of Inhaled Nitric Oxide in Pediatric Heart Transplant Recipients. Pediatric Cardiology, 2019, 40, 650-657.	1.3	6
48	Smartphone interfaced handheld echocardiography for focused assessment of ventricular function and structure in children: A pilot study. Echocardiography, 2020, 37, 96-103.	0.9	6
49	The BDNF rs6265 Polymorphism is a Modifier of Cardiomyocyte Contractility and Dilated Cardiomyopathy. International Journal of Molecular Sciences, 2020, 21, 7466.	4.1	6
50	Duchenne muscular dystrophy patients: troponin leak in asymptomatic and implications for drug toxicity studies. Pediatric Research, 2022, 92, 1613-1620.	2.3	6
51	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. Pediatric Cardiology, 2022, 43, 977-985.	1.3	6
52	Evaluation of tricuspid annular plane systolic excursion measured with cardiac MRI in children with tetralogy of Fallot. Cardiology in the Young, 2016, 26, 718-724.	0.8	5
53	Characteristics and Outcomes of Heart Transplantation in DiGeorge Syndrome. Pediatric Cardiology, 2019, 40, 768-775.	1.3	5
54	Cardiac Magnetic Resonance in the Evaluation of COVID-19. Cardiac Failure Review, 2022, 8, e09.	3.0	5

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55	Cardiac Magnetic Resonance Imaging Noninvasively Detects Rejection in Pediatric Heart Transplant Recipients. Circulation: Cardiovascular Imaging, 2022, 15, 101161CIRCIMAGING121013456.	2.6	5
56	Congenitally Corrected Transposition Cardiac Surgery: Society of Thoracic Surgeons Database Analysis. Annals of Thoracic Surgery, 2022, 114, 1715-1722.	1.3	5
57	Nonâ€invasive detection of myocardial fibrosis in pediatric heart transplant recipients: The role of cardiovascular magnetic resonance. Pediatric Transplantation, 2017, 21, e12995.	1.0	4
58	Sedated Echocardiograms Better Characterize Branch Pulmonary Arteries Following Bidirectional Glenn Palliation with Minimal Risk of Adverse Events. Pediatric Cardiology, 2020, 41, 955-961.	1.3	4
59	Left ventricular function by echocardiography correlates poorly with cardiac MRI measures in Duchenne muscular dystrophy. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P306.	3.3	3
60	Assessment of gadolinium deposition in the brain tissue of pediatric and adult congenital heart disease patients after contrast enhanced cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 82.	3.3	3
61	Childhood cancer survivors: The integral role of the cardiologist and cardiovascular imaging. American Heart Journal, 2020, 226, 127-139.	2.7	3
62	Challenges and lessons learned from the Pediatric Heart Network Normal Echocardiogram Database study. Cardiology in the Young, 2020, 30, 456-461.	0.8	3
63	Assessment of brain-derived neurotrophic factor and osteopontin in a healthy pediatric population. Journal of Circulating Biomarkers, 2018, 7, 184945441880613.	1.3	2
64	Rehospitalization Following Pediatric Heart Transplantation: Incidence, Indications, and Risk Factors. Pediatric Cardiology, 2020, 41, 584-590.	1.3	2
65	Improving Access and Guideline Adherence in Pulmonary Care in Patients With Duchenne Muscular Dystrophy. Respiratory Care, 2022, 67, 347-352.	1.6	2
66	Cardiac magnetic resonance diastolic indices correlate with ventricular filling pressures in pediatric heart transplant recipients. Pediatric Transplantation, 0, , .	1.0	2
67	Left Ventricular Hernia in a Pediatric Transplant Recipient: Case Report and Review of the Literature. Pediatric Cardiology, 2009, 30, 55-58.	1.3	1
68	Obesity leads to underestimation of ventricular volumes and abnormal myocardial strain in repaired Tetralogy of Fallot as measured by cardiac MRI. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P112.	3.3	1
69	Mysterious Infantile Cyanosis: An Imaging Case Series. Case, 2021, 5, 267-272.	0.3	1
70	Implementing strain imaging to identify early childhood cancer survivors at risk for cardiovascular disease.. Journal of Clinical Oncology, 2019, 37, e23070-e23070.	1.6	1
71	Leveraging Cardiac Magnetic Resonance Imaging to Assess Skeletal Muscle Progression in Duchenne Muscular Dystrophy. Neuromuscular Disorders, 2022, , .	0.6	1
72	Comparison of Strain-Encoding and Feature-Tracking Derived Myocardial Deformation Assessment of Left Ventricular Function in a Pediatric and Adult Congenital Heart Disease Cohort. Pediatric Cardiology, 2022, , 1.	1.3	1

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73	Five-Month-Old Infant With a Unilateral Pleural Effusion. Pediatric Infectious Disease Journal, 2007, 26, 189-190.	2.0	0
74	Tricuspid annular plane systolic excursion by cardiac MRI has poor correlation with RVEF in pediatric patients. Journal of Cardiovascular Magnetic Resonance, 2013, 15, O40.	3.3	0
75	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
76	Occlusion of the Left Main Coronary Artery Os By a Tethered Aortic Valve Cusp. Annals of Thoracic Surgery, 2014, 97, e63-e65.	1.3	0
77	EFFECT OF CARDIAC MEDICATIONS ON LEFT VENTRICULAR FUNCTION IN PATIENTS WITH DUCHENNE MUSCULAR DYSTROPHY USING CARDIAC MRI. Journal of the American College of Cardiology, 2019, 73, 638.	2.8	0
78	EVALUATION OF A MINIATURIZED HANDHELD ECHO MACHINE FOR FOCUSED ASSESSMENT OF VENTRICULAR FUNCTION AND STRUCTURE IN CHILDREN: A PILOT STUDY. Journal of the American College of Cardiology, 2019, 73, 1606.	2.8	0
79	Acute myopericarditis post intravenous injection of COVID-19 mRNA vaccine differs from viral myocarditis. Clinical Infectious Diseases, 2021, , .	5.8	0
80	Abstract 15703: Cardiac Magnetic Resonance Imaging Can Non-invasively Detect Rejection in Pediatric Heart Transplant Recipients. Circulation, 2020, 142, .	1.6	0