Nagib Dahdah

List of Publications by Year
in descending order

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96 papers	1,780 citations	279798 23 h-index	315739 38 g-index
96 all docs	96 docs citations	96 times ranked	2189 citing authors

#	Article	IF	Citations
1	New Equations and a Critical Appraisal of Coronary Artery Z Scores in Healthy Children. Journal of the American Society of Echocardiography, 2011, 24, 60-74.	2.8	214
2	Deep feature learning for automatic tissue classification of coronary artery using optical coherence tomography. Biomedical Optics Express, 2017, 8, 1203.	2.9	103
3	Natriuretic Peptide as an Adjunctive Diagnostic Test in the Acute Phase of Kawasaki Disease. Pediatric Cardiology, 2009, 30, 810-817.	1.3	96
4	Missed or delayed diagnosis of Kawasaki disease during the 2019 novel coronavirus disease (COVID-19) pandemic. Journal of Pediatrics, 2020, 222, 261-262.	1.8	83
5	Use of mTOR Inhibitor Everolimus in Three Neonates for Treatment of Tumors Associated With Tuberous SclerosisÂComplex. Pediatric Neurology, 2015, 52, 450-453.	2.1	60
6	Myocarditis and Kawasaki disease. International Journal of Rheumatic Diseases, 2018, 21, 45-49.	1.9	60
7	Treatment Intensification in Patients With Kawasaki Disease and Coronary Aneurysm at Diagnosis. Pediatrics, 2019, 143, .	2.1	57
8	Aspirin Dose and Prevention of Coronary Abnormalities in Kawasaki Disease. Pediatrics, 2017, 139, .	2.1	56
9	Characterization of coronary artery pathological formations from OCT imaging using deep learning. Biomedical Optics Express, 2018, 9, 4936.	2.9	51
10	Accelerated Cardiac Rhabdomyoma Regression with Everolimus in Infants with Tuberous Sclerosis Complex. Pediatric Cardiology, 2017, 38, 394-400.	1.3	50
11	Myocarditis and Pericarditis After COVID-19 mRNA Vaccination: Practical Considerations for Care Providers. Canadian Journal of Cardiology, 2021, 37, 1629-1634.	1.7	45
12	Mediumâ€Term Complications Associated With Coronary Artery Aneurysms After Kawasaki Disease: A Study From the International Kawasaki Disease Registry. Journal of the American Heart Association, 2020, 9, e016440.	3.7	41
13	Coronary Wall Structural Changes in Patients With Kawasaki Disease: New Insights From Optical Coherence Tomography (OCT). Journal of the American Heart Association, 2015, 4, .	3.7	40
14	Etanercept as adjunctive treatment for acute kawasaki disease: Study design and rationale. American Heart Journal, 2011, 161, 494-499.	2.7	37
15	Value of aminoâ€terminal pro Bâ€natriuretic peptide in diagnosing Kawasaki disease. Pediatrics International, 2012, 54, 627-633.	0.5	37
16	Everolimus for the Treatment of Tuberous Sclerosis Complexâ€"Related Cardiac Rhabdomyomas in Pediatric Patients. Journal of Pediatrics, 2017, 190, 21-26.e7.	1.8	34
17	Coronary Artery Bypass Grafting and Percutaneous Coronary Intervention after Kawasaki Disease: The Pediatric Canadian Series. Pediatric Cardiology, 2017, 38, 36-43.	1.3	32
18	Kawasaki disease and cardiovascular risk: a comprehensive review of subclinical vascular changes in the longer term. Acta Paediatrica, International Journal of Paediatrics, 2016, 105, 752-761.	1.5	31

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19	Not Just Coronary Arteritis, Kawasaki Disease Is a Myocarditis, Too. Journal of the American College of Cardiology, 2010, 55, 1507.	2.8	30
20	Marked Variations in Serial Coronary Artery Diameter Measures in Kawasaki Disease: A New Indicator of Coronary Involvement. Journal of the American Society of Echocardiography, 2012, 25, 859-865.	2.8	29
21	The role of aortic compliance in determination of coarctation severity: Lumped parameter modeling, in vitro study and clinical evaluation. Journal of Biomechanics, 2015, 48, 4229-4237.	2.1	26
22	The 30-Year Outcomes of Tetralogy of Fallot According to Native Anatomy and Genetic Conditions. Canadian Journal of Cardiology, 2021, 37, 877-886.	1.7	25
23	Clinical applications of QT / RR hysteresis assessment: AÂsystematic review. Annals of Noninvasive Electrocardiology, 2018, 23, .	1.1	24
24	Oral everolimus treatment in a preterm infant with multifocal inoperable cardiac rhabdomyoma associated with tuberous sclerosis complex and a structural heart defect. BMJ Case Reports, 2014, 2014, bcr2014205138-bcr2014205138.	0.5	23
25	Difference Between Persistent Aneurysm, Regressed Aneurysm, and Coronary Dilation in Kawasaki Disease: An Optical Coherence Tomography Study. Canadian Journal of Cardiology, 2018, 34, 1120-1128.	1.7	22
26	The Fate and Observed Management of Giant Coronary Artery Aneurysms Secondary to Kawasaki Disease in the Province of Quebec: The Complete Series Since 1976. Pediatric Cardiology, 2013, 34, 170-178.	1.3	21
27	Long-Term Risk Factors for Dilatation of the Proximal Aorta in a Large Cohort of Children With Bicuspid Aortic Valve. Circulation: Cardiovascular Imaging, 2020, 13, e009675.	2.6	19
28	Comparison of Long-term Outcomes of Valve-Sparing and Transannular Patch Procedures for Correction of Tetralogy of Fallot. JAMA Network Open, 2021, 4, e2118141.	5.9	19
29	A Decade of NT-proBNP in Acute Kawasaki Disease, from Physiological Response to Clinical Relevance. Children, 2018, 5, 141.	1.5	17
30	Dynamic QT Interval Changes from Supine to Standing in Healthy Children. Canadian Journal of Cardiology, 2018, 34, 66-72.	1.7	16
31	An automatic diagnostic system of coronary artery lesions in Kawasaki disease using intravascular optical coherence tomography imaging. Journal of Biophotonics, 2020, 13, e201900112.	2.3	16
32	Use of Radiofrequency Then Stent Implantation for Recanalization of Complete Aorta Coarctation. Pediatric Cardiology, 2008, 29, 207-209.	1.3	15
33	Low-Molecular-Weight Heparin vs Warfarin for Thromboprophylaxis in Children With Coronary Artery Aneurysms After Kawasaki Disease: A Pragmatic Registry Trial. Canadian Journal of Cardiology, 2020, 36, 1598-1607.	1.7	15
34	First Recanalization of a Coronary Artery Chronic Total Obstruction in an 11-Year-Old Child with Kawasaki Disease Sequelae Using the CROSSER Catheter. Pediatric Cardiology, 2007, 28, 389-393.	1.3	14
35	Advances in paediatric interventional cardiology since 2000. Archives of Cardiovascular Diseases, 2009, 102, 569-582.	1.6	14
36	The Biophysical Properties of the Aorta Are Altered Following Kawasaki Disease. Journal of the American Society of Echocardiography, 2013, 26, 1388-1396.	2.8	14

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37	Percutaneous Angioplasty Used to Manage Native and Recurrent Coarctation of the Aorta in Infants Younger than 1ÂYear: Immediate and Midterm Results. Pediatric Cardiology, 2014, 35, 1155-1161.	1.3	14
38	Characteristics of premature ventricular contractions in healthy children and their impact on left ventricular function. Heart Rhythm, 2016, 13, 2144-2148.	0.7	14
39	Impact of sickle cell anaemia on cardiac chamber size in the paediatric population. Cardiology in the Young, 2017, 27, 918-924.	0.8	13
40	Profile of resistance to IVIG treatment in patients with Kawasaki disease and concomitant infection. PLoS ONE, 2018, 13, e0206001.	2.5	13
41	Natriuretic Peptides in Kawasaki Disease: the Myocardial Perspective. Diagnostics, 2013, 3, 1-12.	2.6	12
42	N-terminal pro-brain natriuretic peptide in acute Kawasaki disease correlates with coronary artery involvement. Cardiology in the Young, 2015, 25, 1311-1318.	0.8	12
43	A deep learningâ€based model for characterization of atherosclerotic plaque in coronary arteries using optical coherence tomography Âimages. Medical Physics, 2021, 48, 3511-3524.	3.0	12
44	Kawasaki Disease Shock Syndrome vs Classical Kawasaki Disease: A Meta-analysis and Comparison With SARS-CoV-2 Multisystem Inflammatory Syndrome. Canadian Journal of Cardiology, 2021, 37, 1619-1628.	1.7	12
45	Follow-Up Chest X-Ray in Patients with Kawasaki Disease: The Significance and Clinical Application of Coronary Artery Macro-Calcification. Pediatric Cardiology, 2010, 31, 56-61.	1.3	11
46	Characterization of aortic remodeling following Kawasaki disease: Toward a fully developed automatic biparametric model. Medical Physics, 2012, 39, 6104-6110.	3.0	10
47	Coronary Artery Dilatation in Viral Myocarditis Mimics Coronary Artery Findings in Kawasaki Disease. Pediatric Cardiology, 2016, 37, 1148-1152.	1.3	10
48	Nâ€terminal proâ€Bâ€type natriuretic peptide diagnostic algorithm versus American Heart Association algorithm for Kawasaki disease. Pediatrics International, 2017, 59, 265-270.	0.5	10
49	On Left Ventricle Stroke Work Efficiency in Children with Moderate Aortic Valve Regurgitation or Moderate Aortic Valve Stenosis. Pediatric Cardiology, 2022, 43, 45-53.	1.3	10
50	Cardiovascular Response to Exercise Testing in Children and Adolescents Late After Kawasaki Disease According to Coronary Condition Upon Onset. Pediatric Cardiology, 2015, 36, 1458-1464.	1.3	9
51	Categorization and theoretical comparison of quantitative methods for assessing QT/RR hysteresis. Annals of Noninvasive Electrocardiology, 2017, 22, .	1.1	9
52	Atrial Septal Defect Closure with OcclutechÂ® ASD Fenestrated Device in a Child with Severe Pulmonary Hypertension. Pediatric Cardiology, 2017, 38, 202-205.	1.3	9
53	Right Ventricle Myocardial Perfusion Scintigraphy: Feasibility and Expected Values in Children. Pediatric Cardiology, 2012, 33, 295-301.	1.3	8
54	Variation in the management of Kawasaki disease. Archives of Disease in Childhood, 2020, 105, 1004-1006.	1.9	7

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55	Reply. Journal of Pediatrics, 2020, 224, 184-185.e1.	1.8	7
56	Rapidly progressive aortic aneurysmal dilation in a child with systemic lupus erythematosus: too early too severe. BMJ Case Reports, 2014, 2014, bcr2013201014-bcr2013201014.	0.5	6
57	The TRIVIA Cohort for Surgical Management of Tetralogy of Fallot: Merging Population and Clinical Data for Real-World Scientific Evidence. CJC Open, 2020, 2, 663-670.	1.5	6
58	Effect of Dual-Chamber Pacemaker Implantation on Aortic Dilatation in Patients With Congenital Heart Block. American Journal of Cardiology, 2014, 114, 1573-1577.	1.6	5
59	Fatal Kawasaki disease with incomplete criteria: Correlation between optical coherence tomography and pathology. Pediatrics International, 2015, 57, 1174-1178.	0.5	5
60	A Phase Iâ€“II, Open-Label, Multicenter Trial to Determine the Dosimetry and Safety of 99mTc-Sestamibi in Pediatric Subjects. Journal of Nuclear Medicine, 2015, 56, 728-736.	5.0	5
61	Anti-thrombosis management of patients with Kawasaki disease: Results from an international survey. International Journal of Cardiology, 2020, 307, 154-158.	1.7	5
62	Echocardiographic Parameters During and Beyond Onset of Kawasaki Disease Correlate with Onset Serum N-Terminal pro-Brain Natriuretic Peptide (NT-proBNP). Pediatric Cardiology, 2020, 41, 947-954.	1.3	5
63	Supravalvular and Valvular Pulmonary Stenosis: Predictive Features and Responsiveness to Percutaneous Dilation. Pediatric Cardiology, 2021, 42, 814-820.	1.3	5
64	Comparison Between Currently Recommended Long-Term Medical Management of Coronary Artery Aneurysms After Kawasaki Disease and Actual Reported Management in the Last Two Decades. Pediatric Cardiology, 2021, 42, 676-684.	1.3	5
65	Imaging-Based Biomarkers: Characterization of Post-Kawasaki Vasculitis in Infants and Hypertension Phenotype in Rat Model. International Journal of Vascular Medicine, 2012, 2012, 1-7.	1.0	4
66	Automatic evaluation of vessel diameter variation from 2D X-ray angiography. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1867-1876.	2.8	4
67	Percutaneous transcatheter valve-in-valve implantation with the balloon-expandable valve for the treatment of a dysfunctional tricuspid bioprosthetic valve: a pediatric case report. Journal of Invasive Cardiology, 2013, 25, 310-2.	0.4	4
68	Kawasaki Disease Arab Initiative [Kawarabi]: Establishment and Results of a Multicenter Survey. Pediatric Cardiology, 2022, 43, 1239-1246.	1.3	4
69	Coronary artery dilatation and vasculitis in a case of rabies: Similarity with Kawasaki disease?. Pediatrics International, 2013, 55, 237-240.	0.5	3
70	Timing of Dynamic NT-proBNP and hs-cTnT Response to Exercise Challenge in Asymptomatic Children with Moderate Aortic Valve Regurgitation or Moderate Aortic Valve Stenosis. Pediatric Cardiology, 2015, 36, 1735-1741.	1.3	3
71	Aortic dilatation in patients with Turnerâ€™s syndrome without structural cardiac anomaly. Cardiology in the Young, 2016, 26, 539-546.	0.8	3
72	Importance of anatomical dominance in the evaluation of coronary dilatation in Kawasaki disease. Cardiology in the Young, 2017, 27, 877-883.	0.8	3

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73	Alternative to Body Surface Area as a Solution to Correct Systematic Bias in Pediatric Echocardiography z Scores. Canadian Journal of Cardiology, 2021, 37, 1790-1797.	1.7	3
74	Deep Learning-Based Approach to Automatically Assess Coronary Distensibility Following Kawasaki Disease. Pediatric Cardiology, 2021, , 1.	1.3	3
75	Variation in Pharmacologic Management of Patients with Kawasaki Disease with Coronary Artery Aneurysms. Journal of Pediatrics, 2021, , .	1.8	2
76	Intravascular imaging of coronary artery: Bridging the gap between clinical needs and technical advances. Medical Engineering and Physics, 2021, 96, 71-80.	1.7	2
77	Falling Through the Cracks: The Current Gap in the Health Care Transition of Patients With Kawasaki Disease. Journal of the American Heart Association, 2021, 10, e023310.	3.7	2
78	Hemodynamic Changes Alert to Spontaneous Ductus Arteriosus Spasm. Revista Espanola De Cardiologia (English Ed), 2013, 66, 743.	0.6	1
79	Ascending Aorta Elastography After Kawasaki Disease Compared to Systemic Hypertension. Pediatric Cardiology, 2015, 36, 1417-1422.	1.3	1
80	ANTITHROMBOSIS MANAGEMENT OF PATIENTS WITH KAWASAKI DISEASE; RESULTS FROM AN INTERNATIONAL SURVEY. Canadian Journal of Cardiology, 2018, 34, S86-S87.	1.7	1
81	PRIMARY TREATMENT INTENSIFICATION WITH STEROIDS VERSUS INFLIXIMAB IN PATIENTS WITH CORONARY ARTERY ANEURYSMS AT TIME OF DIAGNOSIS. Canadian Journal of Cardiology, 2018, 34, S86.	1.7	1
82	Intra-Slice Motion Correction of Intravascular OCT Images Using Deep Features. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 931-941.	6.3	1
83	Rate Dependent QS Pattern in an Acute Kawasaki Disease. Congenital Heart Disease, 2010, 5, 458-461.	0.2	0
84	Exercise-induced ventricular re-polarisation changes in moderate congenital aortic valve stenosis. Cardiology in the Young, 2016, 26, 298-305.	0.8	0
85	Prenatal Identification of Restrictive and Non-restrictive Ventricular Septal Defects Based on End-Systolic Flow Patterns in the Fetal Aortic Isthmus. Pediatric Cardiology, 2020, 41, 309-315.	1.3	0
86	Letter to the Editor concerning the article: â€œComparison of drug eluting versus bare metal stentsâ€• Catheterization and Cardiovascular Interventions, 2021, 98, E325.	1.7	0
87	Variation in the management of Kawasaki disease in Australia and New Zealand: A survey of paediatricians. Journal of Paediatrics and Child Health, 2021, 57, 646-652.	0.8	0
88	Fatal Myocardial Ischemic Shock after Kawasaki Disease, the Not to Be Missed Differential Diagnosis. Prehospital Emergency Care, 2021, 25, 314-315.	1.8	0
89	Letter by Navarro Castellanos and Dahdah Regarding Article, â€œAcute Heart Failure in Multisystem Inflammatory Syndrome in Children in the Context of Global SARS-CoV-2 Pandemicâ€• Circulation, 2021, 143, e759-e760.	1.6	0
90	Abstract 163: Regressed Coronary Aneurysm after Kawasaki Disease: What are they hiding? An Optical Coherence Tomography (OCT) study. Circulation, 2015, 131, .	1.6	0

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91	Abstract 159: New Insight of Coronary Wall Structural Changes from an Optical Coherence Tomography (OCT) study Following Kawasaki Disease.. Circulation, 2015, 131, .	1.6	0
92	Abstract O.66: Exercise Response in Children and Adolescents Late After Kawasaki Disease According to Early Coronary Status. Circulation, 2015, 131, .	1.6	0
93	Abstract 162: A Case of Fatal Kawasaki - Correlation Between Optical Coherence Tomography and Pathology. Circulation, 2015, 131, .	1.6	0
94	Abstract O.13: Kawasaki disease in the Maghreb community in Quebec. Circulation, 2015, 131, .	1.6	0
95	Toward a Mechanical Mapping of the Arterial Tree. , 2017, , 289-311.		0
96	Abstract O.34: NT-proBNP based Algorithm for Diagnosis and Treatment of Kawasaki Disease - Are we there yet?. Circulation, 2015, 131, .	1.6	0