

Tapas K Mondal

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

2,985
citations

361045

20
h-index

197535

49
g-index

82
all docs

82
docs citations

82
times ranked

4353
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable Sensors for Remote Health Monitoring. <i>Sensors</i> , 2017, 17, 130.	2.1	813
2	Smart Homes for Elderly Healthcare—Recent Advances and Research Challenges. <i>Sensors</i> , 2017, 17, 2496.	2.1	379
3	A wireless wearable ECG sensor for long-term applications. , 2012, 50, 36-43.		318
4	The Anatomy and Physiology of the Sinoatrial Node-A Contemporary Review. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2010, 33, 1392-1406.	0.5	166
5	Noncontact Wearable Wireless ECG Systems for Long-Term Monitoring. <i>IEEE Reviews in Biomedical Engineering</i> , 2018, 11, 306-321.	13.1	117
6	Monitoring Methods of Human Body Joints: State-of-the-Art and Research Challenges. <i>Sensors</i> , 2019, 19, 2629.	2.1	100
7	Impact of Prenatal Risk Factors on Congenital Heart Disease in the Current Era. <i>Journal of the American Heart Association</i> , 2013, 2, e000064.	1.6	97
8	Development and validation of a generic scale for use in transition programmes to measure self-management skills in adolescents with chronic health conditions: the <sc>TRANSITION</sc> Q. <i>Child: Care, Health and Development</i> , 2015, 41, 547-558.	0.8	87
9	Thrombosis and Thromboembolic Complications in Fontan Patients. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2014, 20, 484-492.	0.7	57
10	A Wearable Tele-Health System towards Monitoring COVID-19 and Chronic Diseases. <i>IEEE Reviews in Biomedical Engineering</i> , 2022, 15, 61-84.	13.1	48
11	Genetic determinants of right-ventricular remodeling after tetralogy of Fallot repair. <i>Pediatric Research</i> , 2012, 72, 407-413.	1.1	47
12	Upcoming biomarkers for the diagnosis of Kawasaki disease: A review. <i>Clinical Biochemistry</i> , 2015, 48, 1188-1194.	0.8	44
13	Medium-Term Complications Associated With Coronary Artery Aneurysms After Kawasaki Disease: A Study From the International Kawasaki Disease Registry. <i>Journal of the American Heart Association</i> , 2020, 9, e016440.	1.6	41
14	A Simple, Low-Cost and Efficient Gait Analyzer for Wearable Healthcare Applications. <i>IEEE Sensors Journal</i> , 2019, 19, 2320-2329.	2.4	40
15	Exome sequencing identifies rare variants in multiple genes in atrioventricular septal defect. <i>Genetics in Medicine</i> , 2016, 18, 189-198.	1.1	39
16	Thrombosis and embolism in pediatric cardiomyopathy. <i>Blood Coagulation and Fibrinolysis</i> , 2013, 24, 221-230.	0.5	32
17	Use of Doppler velocimetry in diagnosis and prognosis of intrauterine growth restriction (IUGR): A Review. <i>Journal of Neonatal-Perinatal Medicine</i> , 2016, 9, 117-126.	0.4	32
18	Risk factors for central venous catheter-related thrombosis in children. <i>Blood Coagulation and Fibrinolysis</i> , 2016, 27, 384-388.	0.5	28

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19	Walking-Age Analyzer for Healthcare Applications. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1034-1042.	3.9	27
20	Management of myocardial infarction in children with Kawasaki disease. Blood Coagulation and Fibrinolysis, 2010, 21, 620-631.	0.5	25
21	Prenatal Diagnosis of Transposition of the Great Arteries Reduces Postnatal Mortality: A Population-Based Study. Canadian Journal of Cardiology, 2020, 36, 1592-1597.	0.8	25
22	Return of genetic and genomic research findings: experience of a pediatric biorepository. BMC Medical Genomics, 2019, 12, 173.	0.7	24
23	Factors Influencing Participation in a Population-based Biorepository for Childhood Heart Disease. Pediatrics, 2012, 130, e1198-e1205.	1.0	21
24	Patent foramen ovale and stroke in childhood: A systematic review of the literature. European Journal of Paediatric Neurology, 2016, 20, 500-511.	0.7	21
25	Myocardial Infarction in Neonates: A Review of an Entity with Significant Morbidity and Mortality. Pediatric Cardiology, 2017, 38, 427-441.	0.6	21
26	A Simple, Low-Cost Multi-Sensor-Based Smart Wearable Knee Monitoring System. IEEE Sensors Journal, 2021, 21, 8253-8266.	2.4	20
27	Prognostic Implications of the Systolic to Diastolic Duration Ratio in Children With Idiopathic or Familial Dilated Cardiomyopathy. Circulation: Cardiovascular Imaging, 2014, 7, 773-780.	1.3	19
28	Predictive Walking-Age Health Analyzer. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 363-374.	3.9	19
29	Incidence and Management of Thrombotic and Thromboembolic Complications Following the Norwood Procedure: A Systematic Review. Clinical and Applied Thrombosis/Hemostasis, 2017, 23, 911-921.	0.7	16
30	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.	0.8	15
31	Common Genetic Variants Contribute to Risk of Transposition of the Great Arteries. Circulation Research, 2022, 130, 166-180.	2.0	15
32	Borderline left ventricles in prenatally diagnosed atrioventricular septal defect or double outlet right ventricle: Echocardiographic predictors of biventricular repair. American Heart Journal, 2006, 152, 163.e1-163.e7.	1.2	14
33	Incidence and Management of Thrombotic and Thromboembolic Complications Following the Superior Cavopulmonary Anastomosis Procedure: A Literature Review. Clinical and Applied Thrombosis/Hemostasis, 2018, 24, 405-415.	0.7	14
34	Whole genome sequencing delineates regulatory, copy number, and cryptic splice variants in early onset cardiomyopathy. Npj Genomic Medicine, 2022, 7, 18.	1.7	14
35	High continuous positive airway pressure in neonates: A physiological study. Pediatric Pulmonology, 2019, 54, 1039-1044.	1.0	13
36	Parents of Very Young Children with Congenital Heart Defects Report Good Quality of Life for Their Children and Families Regardless of Defect Severity. Pediatric Cardiology, 2020, 41, 46-53.	0.6	13

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37	Incidence, risk factors, and outcomes of pulmonary hypertension in preterm infants with bronchopulmonary dysplasia. <i>Paediatrics and Child Health</i> , 2020, 25, 222-227.	0.3	12
38	Incidence and short-term outcomes of Kawasaki disease. <i>Pediatric Research</i> , 2021, 90, 670-677.	1.1	11
39	Management of COVID-19-associated multisystem inflammatory syndrome in children: A comprehensive literature review. <i>Progress in Pediatric Cardiology</i> , 2021, 63, 101381.	0.2	11
40	Fetal Echocardiography Assists in Determining Optimal Delivery Site. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2014, 36, 210-215.	0.3	10
41	Postnatal Outcome of Fetal Left Ventricular Hypertrabeculation/Noncompaction. <i>Pediatric Cardiology</i> , 2016, 37, 919-924.	0.6	10
42	The Impact of beta blockade on the cardio-respiratory system and symptoms during exercise. <i>Current Research in Physiology</i> , 2021, 4, 235-242.	0.8	10
43	High CPAP vs. NIPPV in preterm neonates: A physiological cross-over study. <i>Journal of Perinatology</i> , 2021, 41, 1690-1696.	0.9	8
44	Accuracy of Electrocardiography and Agreement with Echocardiography in the Diagnosis of Pediatric Left Atrial Enlargement. <i>Scientific Reports</i> , 2020, 10, 10027.	1.6	7
45	Diffuse coronary artery dilatation in a neonate: A case report. <i>Journal of Neonatal-Perinatal Medicine</i> , 2013, 6, 263-266.	0.4	6
46	Cord-Blood High-Sensitivity Troponin-I Reference Interval and Association with Early Neonatal Outcomes. <i>American Journal of Perinatology</i> , 2022, 29, 1548-1554.	0.6	6
47	Transition of adolescents with congenital heart disease from pediatric to adult congenital cardiac care: lessons from a retrospective cohort study. <i>Journal of Transition Medicine</i> , 2020, 2, .	0.1	6
48	Characterization of Knee and Gait Features From a Wearable Tele-Health Monitoring System. <i>IEEE Sensors Journal</i> , 2022, 22, 4741-4753.	2.4	6
49	Atrial arrhythmia after newborn eye exam, to caffeine or not to caffeine?. <i>Journal of Neonatal-Perinatal Medicine</i> , 2016, 9, 427-431.	0.4	5
50	Comparison Between Currently Recommended Long-Term Medical Management of Coronary Artery Aneurysms After Kawasaki Disease and Actual Reported Management in the Last Two Decades. <i>Pediatric Cardiology</i> , 2021, 42, 676-684.	0.6	5
51	Esophageal Atresia and Diverticulum of Kommerell. <i>Pediatric Cardiology</i> , 2007, 28, 303-304.	0.6	4
52	Vein of Galen arteriovenous malformation mimicking coarctation of the aorta. <i>Journal of Ultrasound</i> , 2014, 17, 297-301.	0.7	4
53	Prophylactic Indomethacin Worsens Short-Term Respiratory Outcomes in Extremely Low-Birth-Weight Infants. <i>American Journal of Perinatology</i> , 2014, 31, 061-068.	0.6	4
54	Respiratory syncytial virus prophylaxis in children with cardiac disease: a retrospective single-centre study. <i>Cardiology in the Young</i> , 2014, 24, 337-343.	0.4	4

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55	Inactive Lifestyles Among Young Children With Innocent Murmurs or Congenital Heart Disease, Regardless of Disease Severity or Treatment. Canadian Journal of Cardiology, 2022, 38, 59-67.	0.8	4
56	Neonatal and childhood right atrial thrombosis. Blood Coagulation and Fibrinolysis, 2013, 24, 458.	0.5	3
57	Takotsubo cardiomyopathy-like phenotype in a boy. Journal of Pediatric Intensive Care, 2015, 02, 187-192.	0.4	3
58	Distinctive neck swelling in a patient with a vein of Galen arteriovenous malformation. Journal of Ultrasound, 2015, 18, 197-200.	0.7	3
59	Acquired unilateral pulmonary vein atresia in a 3-year-old boy. Journal of Ultrasound, 2015, 18, 73-78.	0.7	2
60	A case of cardiac tamponade with a small pericardial effusion and superior vena cava syndrome. Journal of Pediatric Intensive Care, 2015, 02, 071-075.	0.4	2
61	Does domperidone prolong QTc in a clinically relevant manner in infants with GORD?. Archives of Disease in Childhood, 2020, 105, archdischild-2019-318183.	1.0	2
62	Variation in Pharmacologic Management of Patients with Kawasaki Disease with Coronary Artery Aneurysms. Journal of Pediatrics, 2021, , .	0.9	2
63	Late presentation of anomalous origin of the left coronary artery from the pulmonary artery: the definitive role of cardiovascular magnetic resonance imaging. Cardiology in the Young, 2011, 21, 225-226.	0.4	1
64	Anomalous Systemic Vessel to the Lung with Hypoplastic Left Heart Syndrome in a Fetus. Pediatric and Developmental Pathology, 2013, 16, 214-216.	0.5	1
65	A rare case of neonatal cholestasis. Journal of Clinical Neonatology, 2017, 6, 34.	0.1	1
66	Assessing the clinical significance of echocardiograms in determining treatment of patent ductus arteriosus in neonates. Journal of Neonatal-Perinatal Medicine, 2020, 13, 345-350.	0.4	1
67	Does treatment with hydroxychloroquine or chloroquine lead to QTc prolongation in children?. Progress in Pediatric Cardiology, 2022, 64, 101465.	0.2	1
68	Variation in captopril formulations in pharmacies across Canada. Paediatrics and Child Health, 2011, 16, e30-e32.	0.3	0
69	Left pulmonary artery sling: Difference in monoamniotic twin presentation. Journal of Neonatal-Perinatal Medicine, 2013, 6, 273-277.	0.4	0
70	Case 1: An infant with a low heart rate. Paediatrics and Child Health, 2014, 19, 123-124.	0.3	0
71	Two ductus venosus: a previously unreported anomaly. Journal of Ultrasound, 2014, 17, 293-296.	0.7	0
72	An unusual case of mitral valve infective endocarditis. Journal of Pediatric Infectious Diseases, 2015, 07, 177-180.	0.1	0

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73	111 Kawasaki disease in Ontario children from 1995-2017: A population-based descriptive analysis. Paediatrics and Child Health, 2020, 25, e46-e46.	0.3	0
74	Poor feeding and lethargy in an 8-day-old newborn. Journal of Paediatrics and Child Health, 2021, 57, 920-921.	0.4	0
75	Central venous catheters are an important factor in paediatric thrombosis. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 1001-1008.	0.7	0
76	Role of Fetal Echocardiograms in Determining the Delivery Location of Fetuses with Cardiac Anomalies. Journal of Cardiology & Current Research, 2016, 6, 1-3.	0.1	0
77	A STUDY ON CLINICAL FEATURES, AETIOLOGY, OUTCOMES AND PREDICTORS OF MORTALITY AND MORBIDITY IN CHILDREN WITH ACUTE ENCEPHALITIS SYNDROME IN EASTERN INDIA. Journal of Evolution of Medical and Dental Sciences, 2018, 7, 4462-4466.	0.1	0
78	Antiepileptic rufinamide and QTc interval shortening in a patient with long QT syndrome: case report. European Heart Journal - Case Reports, 2020, 4, 1-4.	0.3	0
79	Association of Acute Anti-Inflammatory Treatment with Medium-Term Outcomes for Coronary Artery Aneurysms in Kawasaki Disease. , 2022, , .		0