

# Adriano R Tonelli

## List of Publications by Year in descending order

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Version: 2024-02-01

136  
papers

2,369  
citations

218381

26  
h-index

264894

42  
g-index

136  
all docs

136  
docs citations

136  
times ranked

3231  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of pulmonary artery catheter balloon inflation on pulmonary hemodynamics. Cardiovascular Diagnosis and Therapy, 2022, 12, 37-41.	0.7	0
2	A Review of Pulmonary Arterial Hypertension Treatment in Extracorporeal Membrane Oxygenation: A Case Series of Adult Patients. Journal of Cardiovascular Pharmacology and Therapeutics, 2022, 27, 107424842110690.	1.0	5
3	Pulmonary Hypertension and Air Pollution. Respiratory Medicine, 2022, , 179-186.	0.1	1
4	Impact of Esophageal Pressure Measurement on Pulmonary Hypertension Diagnosis in Patients With Obesity. Chest, 2022, 162, 684-692.	0.4	9
5	Predictors of survival in portopulmonary hypertension: a 20-year experience. European Journal of Gastroenterology and Hepatology, 2022, 34, 449-456.	0.8	7
6	Bilateral Pulmonary Emboli and Deep Venous Thrombi in Association With Chronic Inflammatory Demyelinating Polyneuropathy. Cureus, 2021, 13, e14802.	0.2	0
7	Disease-specific platelet signaling defects in idiopathic pulmonary arterial hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L739-L749.	1.3	6
8	Causes and Circumstances of Death in Portopulmonary Hypertension. Transplantation Direct, 2021, 7, e710.	0.8	9
9	Is pulmonary vascular resistance index better than pulmonary vascular resistance in predicting outcomes in pulmonary arterial hypertension?. Journal of Heart and Lung Transplantation, 2021, 40, 614-622.	0.3	4
10	Novel Treatment Pathways in Pulmonary Arterial Hypertension. Methodist DeBakey Cardiovascular Journal, 2021, 17, 29.	0.5	6
11	The breath print represents a novel biomarker of malnutrition in pulmonary arterial hypertension: a proof-of-concept study. Journal of Parenteral and Enteral Nutrition, 2021, 45, 1645-1652.	1.3	2
12	Cutaneous Iontophoresis of Vasoactive Medications in Patients with Scleroderma-Associated Pulmonary Arterial Hypertension. Microcirculation, 2021, , e12734.	1.0	0
13	Perioperative approach to precapillary pulmonary hypertension in non-cardiac non-obstetric surgery. European Respiratory Review, 2021, 30, 210166.	3.0	6
14	COVID-19 and postural tachycardia syndrome: a case series. European Heart Journal - Case Reports, 2021, 5, ytab325.	0.3	7
15	Treatment Discontinuation or Interruption in Pulmonary Arterial Hypertension. Journal of Cardiovascular Pharmacology and Therapeutics, 2020, 25, 131-141.	1.0	15
16	Is There Value in Repeating Inhaled Nitric Oxide Vasoreactivity Tests in Patients with Pulmonary Arterial Hypertension?. Lung, 2020, 198, 87-94.	1.4	7
17	Right heart catheterization for pulmonary hypertension during the coronavirus disease 2019 pandemic. Pulmonary Circulation, 2020, 10, 1-6.	0.8	4
18	Breath Metabolomics Provides an Accurate and Noninvasive Approach for Screening Cirrhosis, Primary, and Secondary Liver Tumors. Hepatology Communications, 2020, 4, 1041-1055.	2.0	32

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19	Repeatability of Pulmonary Pressure Measurements in Patients with Pulmonary Hypertension. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1028-1030.	1.5	8
20	Mixed Venous Oxygen Saturation Is a Better Prognosticator Than Cardiac Index in Pulmonary Arterial Hypertension. <i>Chest</i> , 2020, 158, 2546-2555.	0.4	11
21	Platelet glycolytic metabolism correlates with hemodynamic severity in pulmonary arterial hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L562-L569.	1.3	11
22	Comparison of volatile organic compound profiles in exhaled breath versus plasma headspace in different diseases. <i>Journal of Breath Research</i> , 2020, 14, 036003.	1.5	5
23	<p>Management of Pulmonary Arterial Hypertension in Patients with Systemic Sclerosis</p>. <i>Integrated Blood Pressure Control</i> , 2020, Volume 13, 15-29.	0.4	24
24	Methods to improve the yield of right heart catheterization in pulmonary hypertension. <i>Respiratory Medicine: X</i> , 2020, 2, 100015.	1.4	5
25	Reply: Will the Real Pulmonary Pressure Please Stand Up?. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1341-1341.	1.5	0
26	Impact of inhaled treprostinil on risk stratification with noninvasive parameters: a post hoc analysis of the TRIUMPH and BEAT studies. <i>Pulmonary Circulation</i> , 2020, 10, 2045894020977025.	0.8	3
27	Treatment Barriers in Portopulmonary Hypertension. <i>Hepatology</i> , 2019, 69, 431-443.	3.6	34
28	Comparison of Different Methods to Estimate Cardiac Index in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2019, 140, 705-707.	1.6	22
29	A pilot study on the kinetics of metabolites and microvascular cutaneous effects of nitric oxide inhalation in healthy volunteers. <i>PLoS ONE</i> , 2019, 14, e0221777.	1.1	5
30	Pulmonary Edema Following Initiation of Parenteral Prostacyclin Therapy for Pulmonary Arterial Hypertension. <i>Chest</i> , 2019, 156, 45-52.	0.4	5
31	Gasometric gradients between blood obtained from the pulmonary artery wedge and pulmonary artery positions in pulmonary arterial hypertension. <i>Respiratory Research</i> , 2019, 20, 6.	1.4	6
32	Microvascular involvement in systemic sclerosis and systemic lupus erythematosus. <i>Microcirculation</i> , 2019, 26, e12440.	1.0	38
33	Effect of abnormal right heart structures on the diagnosis of pulmonary hypertension. <i>Pulmonary Circulation</i> , 2018, 8, 1-8.	0.8	3
34	Is hyponatremia associated with mortality in pulmonary arterial hypertension?. <i>Pulmonary Circulation</i> , 2018, 8, 1-7.	0.8	4
35	Palliative care in pulmonary arterial hypertension: an underutilised treatment. <i>European Respiratory Review</i> , 2018, 27, 180069.	3.0	25
36	Serum Chloride Levels Track With Survival in Patients With Pulmonary Arterial Hypertension. <i>Chest</i> , 2018, 154, 541-549.	0.4	24

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37	Pulse Oximetry and Arterial Oxygen Saturation during Cardiopulmonary Exercise Testing. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1992-1997.	0.2	24
38	Choice of Initial Oral Therapy for Pulmonary Arterial Hypertension: Age and Long-Term Survival. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1090-1093.	2.5	3
39	Hypoxemia in patients with idiopathic or heritable pulmonary arterial hypertension. <i>PLoS ONE</i> , 2018, 13, e0191869.	1.1	17
40	Effect of Weight on Parenteral Prostacyclin Analogues Dosing in Pulmonary Hypertension. <i>Chest</i> , 2017, 151, 1189-1192.	0.4	0
41	Different efficacy of inhaled and oral medications in pulmonary hypertension. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2017, 46, 334-337.	0.8	6
42	Changes in main pulmonary artery diameter during follow-up have prognostic implications in pulmonary arterial hypertension. <i>Respirology</i> , 2017, 22, 1649-1655.	1.3	19
43	Do single or sequential measurements of leptin and adiponectin in plasma have prognostic value in pulmonary arterial hypertension?. <i>Pulmonary Circulation</i> , 2017, 7, 727-729.	0.8	4
44	Evaluation of left ventricular diastolic function profile in patients with pulmonary hypertension due to heart failure with preserved ejection fraction. <i>Clinical Cardiology</i> , 2017, 40, 356-363.	0.7	9
45	Assessing the kinetics of microbubble appearance in cirrhotic patients using transthoracic saline contrast-enhanced echocardiography. <i>Echocardiography</i> , 2017, 34, 1439-1446.	0.3	14
46	Management of combined pre- and post-capillary pulmonary hypertension in advanced heart failure with reduced ejection fraction. <i>Respiratory Medicine</i> , 2017, 131, 94-100.	1.3	3
47	Toxicity risk from glucocorticoids in sarcoidosis patients. <i>Respiratory Medicine</i> , 2017, 132, 9-14.	1.3	102
48	Impact on survival of warfarin in patients with pulmonary arterial hypertension receiving subcutaneous treprostinil. <i>Cardiovascular Therapeutics</i> , 2017, 35, e12281.	1.1	9
49	Impact of Intrathoracic Pressure in the Assessment of Pulmonary Hypertension in Overweight Patients. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1861-1863.	1.5	17
50	A review of imaging modalities in pulmonary hypertension. <i>Annals of Thoracic Medicine</i> , 2017, 12, 61.	0.7	51
51	Lung or Heart-Lung Transplant in Pulmonary Arterial Hypertension: What Is the Impact of Systemic Sclerosis?. <i>Experimental and Clinical Transplantation</i> , 2017, 15, 676-684.	0.2	5
52	Novel Methods in Pulmonary Hypertension Phenotyping in the Age of Precision Medicine (2015 Grover) Tj ETQq0 0,0,rgBT /Overlock 10	0.8	11
53	Non-invasive screening for pulmonary hypertension in idiopathic pulmonary fibrosis. <i>Respiratory Medicine</i> , 2016, 117, 65-72.	1.3	30
54	Effect of Age on Phenotype and Outcomes in Pulmonary Arterial Hypertension Trials. <i>Chest</i> , 2016, 149, 1234-1244.	0.4	15

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55	Compression of adjacent anatomical structures by pulmonary artery dilation. <i>Postgraduate Medicine</i> , 2016, 128, 451-459.	0.9	22
56	Right atrial pressure/pulmonary artery wedge pressure ratio: A more specific predictor of survival in pulmonary arterial hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 760-767.	0.3	22
57	What is the best approach to a high systolic pulmonary artery pressure on echocardiography?. <i>Cleveland Clinic Journal of Medicine</i> , 2016, 83, 256-260.	0.6	14
58	Predictors of mortality after transjugular portosystemic shunt. <i>World Journal of Hepatology</i> , 2016, 8, 520.	0.8	27
59	Hemodynamic Consequences of a Surgical Arteriovenous Fistula. <i>Annals of the American Thoracic Society</i> , 2016, 13, 288-291.	1.5	8
60	Treprostinil Iontophoresis in Idiopathic Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1014-1016.	2.5	11
61	Lung transplantation in chronic obstructive pulmonary disease: patient selection and special considerations. <i>International Journal of COPD</i> , 2015, 10, 2137.	0.9	13
62	A 70-Year-Old Man With Large Cervical and Mediastinal Lymphadenopathies. <i>Chest</i> , 2015, 148, e8-e13.	0.4	4
63	Right Ventricular Echocardiographic Parameters Are Associated with Mortality after Acute Pulmonary Embolism. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 355-362.	1.2	69
64	Can We Better Estimate Resting Oxygen Consumption by Incorporating Arterial Blood Gases and Spirometric Determinations?. <i>Respiratory Care</i> , 2015, 60, 517-525.	0.8	4
65	The Effect of Thrombolytic Use and Mechanical Ventilation on Echocardiographic Parameters of Survival after Acute Pulmonary Embolism. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 846-847.	1.2	1
66	Peripheral Pulmonary Artery Stenosis as a Cause of Pulmonary Hypertension in Adults. <i>Pulmonary Circulation</i> , 2015, 5, 204-210.	0.8	30
67	Are Transcutaneous Oxygen and Carbon Dioxide Determinations of Value in Pulmonary Arterial Hypertension?. <i>Microcirculation</i> , 2015, 22, 249-256.	1.0	3
68	Cardiac Tamponade in Severe Pulmonary Hypertension. A Therapeutic Challenge Revisited. <i>Annals of the American Thoracic Society</i> , 2015, 12, 455-460.	1.5	8
69	Electrocardiographic Differences between COPD Patients Evaluated for Lung Transplantation With and without Pulmonary Hypertension. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2014, 11, 670-680.	0.7	9
70	Saudi Guidelines on the Diagnosis and Treatment of Pulmonary Hypertension: Perioperative management in patients with pulmonary hypertension. <i>Annals of Thoracic Medicine</i> , 2014, 9, 98.	0.7	14
71	Breath Analysis in Pulmonary Arterial Hypertension. <i>Chest</i> , 2014, 145, 551-558.	0.4	39
72	Significance of Main Pulmonary Artery Dilation on Imaging Studies. <i>Annals of the American Thoracic Society</i> , 2014, 11, 1623-1632.	1.5	63

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73	Heart rate slopes during 6-min walk test in pulmonary arterial hypertension, other lung diseases, and healthy controls. <i>Physiological Reports</i> , 2014, 2, e12038.	0.7	10
74	Beyond the evidence: treating pulmonary hypertension in the intensive care unit. <i>Critical Care</i> , 2014, 18, 524.	2.5	6
75	Sublingual Microcirculation in Pulmonary Arterial Hypertension. <i>Annals of the American Thoracic Society</i> , 2014, 11, 504-512.	1.5	29
76	Subcutaneous to Intravenous Prostacyclin Analog Transition in Pulmonary Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2014, 63, 4-8.	0.8	12
77	Pharmacologic Management of Perioperative Pulmonary Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2014, 63, 375-384.	0.8	13
78	Prognostic Value of Echocardiographic Changes in Patients with Pulmonary Arterial Hypertension Receiving Parenteral Prostacyclin Therapy. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 733-741.e2.	1.2	27
79	Effects of interventions on survival in acute respiratory distress syndrome: an umbrella review of 159 published randomized trials and 29 meta-analyses. <i>Intensive Care Medicine</i> , 2014, 40, 769-787.	3.9	117
80	Electrocardiography at Diagnosis and Close to the Time of Death in Pulmonary Arterial Hypertension. <i>Annals of Noninvasive Electrocardiology</i> , 2014, 19, 258-265.	0.5	31
81	Why patients who die of worsening pulmonary arterial hypertension are not on parenteral prostacyclin analog treatment?. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 221.	0.3	3
82	Linking Autoimmunity and Pulmonary Arterial Hypertension. <i>Science Translational Medicine</i> , 2014, 6, .	5.8	0
83	Too Much of a Good Channel in Pulmonary Arterial Hypertension. <i>Science Translational Medicine</i> , 2014, 6, .	5.8	0
84	Leptin deficiency recapitulates the histological features of pulmonary arterial hypertension in mice. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 1935-46.	0.5	13
85	Causes and Circumstances of Death in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 365-369.	2.5	186
86	State of the evidence: mechanical ventilation with PEEP in patients with cardiogenic shock. <i>Heart</i> , 2013, 99, 1812-1817.	1.2	47
87	Novel device (AirWave) to assess endotracheal tube migration: A pilot study. <i>Journal of Critical Care</i> , 2013, 28, 535.e1-535.e8.	1.0	6
88	Clinical Characterization and Survival of Patients with Borderline Elevation in Pulmonary Artery Pressure. <i>Pulmonary Circulation</i> , 2013, 3, 916-925.	0.8	49
89	Pulmonary hypertension survival effects and treatment options in cystic fibrosis. <i>Current Opinion in Pulmonary Medicine</i> , 2013, 19, 652-661.	1.2	23
90	Perioperative Management of the Patient with Pulmonary Hypertension. , 2013, , 137-154.		1

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91	Ventricular fibrillation caused by extrinsic compression of the left main coronary artery. <i>Heart</i> , 2013, 99, 895-896.	1.2	6
92	Pericardial Effusion in Pulmonary Arterial Hypertension. <i>Pulmonary Circulation</i> , 2013, 3, 467-477.	0.8	41
93	Spleen Size in Idiopathic and Heritable Pulmonary Arterial Hypertension. <i>Respiration</i> , 2013, 85, 391-399.	1.2	11
94	Nitric Oxide Deficiency in Pulmonary Hypertension: Pathobiology and Implications for Therapy. <i>Pulmonary Circulation</i> , 2013, 3, 20-30.	0.8	67
95	Geometry of the Randomized Evidence for Treatments of Pulmonary Hypertension. <i>Cardiovascular Therapeutics</i> , 2013, 31, e138-46.	1.1	15
96	Value of Impedance Cardiography during 6-minute Walk Test in Pulmonary Hypertension. <i>Clinical and Translational Science</i> , 2013, 6, 474-480.	1.5	13
97	Intrapulmonary shunt confirmed by intracardiac echocardiography in the diagnosis of hepatopulmonary syndrome. <i>Hepatology</i> , 2013, 58, 1514-1515.	3.6	12
98	Response. <i>Chest</i> , 2013, 143, 273-274.	0.4	2
99	Is Pulmonary Arterial Hypertension a Cancer?. <i>Science Translational Medicine</i> , 2013, 5, .	5.8	1
100	Estimation of Blood Flow Resistance in the Lung with MRI. <i>Science Translational Medicine</i> , 2013, 5, .	5.8	1
101	Heart Versus Lungs in Hypertension Tug-of-War. <i>Science Translational Medicine</i> , 2013, 5, .	5.8	0
102	A Coat Connects Obesity with Heart Disease. <i>Science Translational Medicine</i> , 2013, 5, .	5.8	0
103	Can Antacids Affect the Heart?. <i>Science Translational Medicine</i> , 2013, 5, .	5.8	0
104	A Reflex Cause of Pulmonary Hypertension. <i>Science Translational Medicine</i> , 2013, 5, .	5.8	0
105	Nitric Oxide Signaling at the Heart of the Matter. <i>Science Translational Medicine</i> , 2013, 5, .	5.8	0
106	Leptin Levels Predict Survival in Pulmonary Arterial Hypertension. <i>Pulmonary Circulation</i> , 2012, 2, 214-219.	0.8	18
107	Subdural Hematomas in Pulmonary Arterial Hypertension Patients Treated with Protacyclin Analogs. <i>Pulmonary Circulation</i> , 2012, 2, 518-521.	0.8	6
108	Prevalence and Prognostic Value of Left Ventricular Diastolic Dysfunction in Idiopathic and Heritable Pulmonary Arterial Hypertension. <i>Chest</i> , 2012, 141, 1457-1465.	0.4	66

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109	Congenital Heart Disease and Pulmonary Hypertension. Heart Failure Clinics, 2012, 8, 427-445.	1.0	12
110	Pulmonary Vascular Changes In Obese Leptin-Deficient (ob/ob) Mice. , 2012, , .		0
111	Determination Of Hemodynamic Parameters During 6-Minute Walk Test In Pulmonary Hypertension. , 2012, , .		1
112	Spleen Size In Idiopathic And Heritable Pulmonary Arterial Hypertension: Correlation With Disease Severity And Outcomes. , 2012, , .		0
113	Pulmonary hypertension before first and second lung transplantation. Clinical Transplantation, 2012, 26, 672-678.	0.8	0
114	Partial anomalous pulmonary venous connection and pulmonary arterial hypertension. Respirology, 2012, 17, 957-963.	1.3	37
115	Pulmonary Medicine. , 2012, , 122-155.		0
116	Value of Impedance Cardiography in Patients Studied for Pulmonary Hypertension. Lung, 2011, 189, 369-375.	1.4	37
117	Effect of Balloon Inflation Volume on Pulmonary Artery Occlusion Pressure in Patients With and Without Pulmonary Hypertension. Chest, 2011, 139, 115-121.	0.4	39
118	Value of Impedance Cardiography in Pulmonary Hypertension. Chest, 2010, 138, 359A.	0.4	1
119	Prevalence of pulmonary hypertension in end-stage cystic fibrosis and correlation with survival. Journal of Heart and Lung Transplantation, 2010, 29, 865-872.	0.3	41
120	Pulmonary vasodilator testing and use of calcium channel blockers in pulmonary arterial hypertension. Respiratory Medicine, 2010, 104, 481-496.	1.3	93
121	Augmentation therapy in alpha-1 antitrypsin deficiency: advances and controversies. Therapeutic Advances in Respiratory Disease, 2010, 4, 289-312.	1.0	47
122	Alpha-1-antitrypsin augmentation therapy in deficient individuals enrolled in the Alpha-1 Foundation DNA and Tissue Bank. International Journal of COPD, 2009, 4, 443.	0.9	49
123	Rituximab-Induced Hypersensitivity Pneumonitis. Respiration, 2009, 78, 225-229.	1.2	38
124	Successful use of high-frequency oscillator ventilation for acute respiratory distress syndrome with pneumomediastinum. Respiratory Medicine CME, 2009, 2, 173-175.	0.1	1
125	Bronchiectasis, a long-term sequela of ammonia inhalation: A case report and review of the literature. Burns, 2009, 35, 451-453.	1.1	27
126	Erythromycin improves gastric emptying half-time in adult cystic fibrosis patients with gastroparesis. Journal of Cystic Fibrosis, 2009, 8, 193-197.	0.3	26



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127	Endobronchial Band. <i>Journal of Bronchology and Interventional Pulmonology</i> , 2009, 16, 37-38.	0.8	1
128	INCIDENCE AND FACTORS ASSOCIATED WITH PULMONARY HYPERTENSION IN PATIENTS WITH ADVANCED LUNG DISEASE EVALUATED FOR LUNG TRANSPLANTATION. <i>Chest</i> , 2009, 136, 61S.	0.4	0
129	A FAMILY HISTORY OF RESPIRATORY DISEASES IS PREDICTIVE OF AN INCREASED FREQUENCY OF ALPHA-1-ANTITRYPSIN DEFICIENCY. <i>Chest</i> , 2009, 136, 52S.	0.4	0
130	PREDICTORS FOR THE USE OF CARDIOPULMONARY BYPASS DURING LUNG TRANSPLANTATION. <i>Chest</i> , 2009, 136, 17S.	0.4	1
131	A 19-year-old man with progressive lung infiltrates. <i>Cleveland Clinic Journal of Medicine</i> , 2009, 76, 635-638.	0.6	1
132	Treatment of a ruptured saphenous vein graft pseudoaneurysm using a vascular plug. <i>Catheterization and Cardiovascular Interventions</i> , 2008, 71, 587-589.	0.7	9
133	Lack of Order. <i>American Journal of Medicine</i> , 2008, 121, 393-394.	0.6	0
134	THE MAJORITY OF ADULTS IDENTIFIED AS PI Z ALPHA-1-ANTITRYPSIN DEFICIENT ARE OVER THE AGE OF 50. <i>Chest</i> , 2008, 134, 27S.	0.4	0
135	Spherules, Hyphae, and Air-Crescent Sign. <i>American Journal of the Medical Sciences</i> , 2008, 335, 504-506.	0.4	9
136	Seizures as the first manifestation of chromosome 22q11.2 deletion syndrome in a 40-year old man: a case report. <i>Journal of Medical Case Reports</i> , 2007, 1, 167.	0.4	14