

Roberta Kato

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

271
citations

1163117

8
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

489
citing authors

#	ARTICLE	IF	CITATIONS
1	Trace incorporation of heavy water reveals slow and heterogeneous pathogen growth rates in cystic fibrosis sputum. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E110-6.	7.1	104
2	Peripheral Vasoconstriction and Abnormal Parasympathetic Response to Sighs and Transient Hypoxia in Sickle Cell Disease. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 474-481.	5.6	55
3	Sputum Glucose and Glycemic Control in Cystic Fibrosis-Related Diabetes: A Cross-Sectional Study. PLoS ONE, 2015, 10, e0119938.	2.5	16
4	Sickle cell microvascular paradoxâ€”oxygen supplyâ€”demand mismatch. American Journal of Hematology, 2019, 94, 678-688.	4.1	14
5	Progressive vasoconstriction with sequential thermal stimulation indicates vascular dysautonomia in sickle cell disease. Blood, 2020, 136, 1191-1200.	1.4	14
6	Patients with sickle cell anemia on simple chronic transfusion protocol show sex differences for hemodynamic and hematologic responses to transfusion. Transfusion, 2013, 53, 1059-1068.	1.6	13
7	Refining the Application of Microbial Lipids as Tracers of Staphylococcus aureus Growth Rates in Cystic Fibrosis Sputum. Journal of Bacteriology, 2018, 200, .	2.2	13
8	Loss of alphaâ€”globin genes in human subjects is associated with improved nitric oxideâ€”mediated vascular perfusion. American Journal of Hematology, 2021, 96, 277-281.	4.1	12
9	Tricuspid regurgitant jet velocity and myocardial tissue Doppler parameters predict mortality in a cohort of patients with sickle cell disease spanning from pediatric to adult age groups â€”revisiting this controversial concept after 16â€”years of additional evidence. American Journal of Hematology, 2021, 96, 31-39.	4.1	10
10	A novel cross-correlation methodology for assessing biophysical responses associated with pain. Journal of Pain Research, 2018, Volume 11, 2207-2219.	2.0	7
11	Time-varying analysis of autonomic control in response to spontaneous sighs in sickle cell anemia. , 2010, 2010, 1626-9.		4
12	Reduced Forced Vital Capacity and the Number of Chest Wall Surgeries are Associated with Decreased Exercise Capacity in Children with Congenital Heart Disease. Pediatric Cardiology, 2022, 43, 54-61.	1.3	4
13	Case Report of Pediatric Channelopathies With <i>UNC80</i> and <i>KCNJ11</i> Mutations Having Abnormal Respiratory Control Treated With Positive Airway Pressure Therapy. Journal of Clinical Sleep Medicine, 2018, 14, 1419-1425.	2.6	3
14	Decrease in Microvascular Blood Flow in Sickle Cell Anemia Is Triggered by Autonomic Signals and Not Directly by Hypoxia: A New Hypothesis for Sickle Crisis.. Blood, 2009, 114, 1523-1523.	1.4	1
15	Can Text Messaging Teach Residents? A Randomized Controlled Trial. ATS Scholar, 2020, 1, 278-287.	1.3	1
16	Comparison of SIMVâ€”+â€”PS and AC modes in chronically ventilated children and effects on speech. Pediatric Pulmonology, 2021, 56, 179-186.	2.0	0
17	Acute Hemodynamic and Vascular Effects of Transfusion in Chronically Transfused Patients with Sickle Cell Anemia.. Blood, 2009, 114, 1516-1516.	1.4	0