

Adam M Bush

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

528
citations

687363

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713466

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times ranked

623
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative perfusion mapping with induced transient hypoxia using BOLD MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 168-181.	3.0	23
2	Calibration of T ₂ oximetry MRI for subjects with sickle cell disease. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1019-1028.	3.0	17
3	Reduced global cerebral oxygen metabolic rate in sickle cell disease and chronic anemias. <i>American Journal of Hematology</i> , 2021, 96, 901-913.	4.1	20
4	Rosette Trajectories Enable Ungated, Motion-Robust, Simultaneous Cardiac and Liver T ₂ * Iron Assessment. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1688-1698.	3.4	6
5	Transient Hypoxia Model Revealed Cerebrovascular Impairment in Anemia Using <i><sc>BOLD MRI</sc></i> and <i><sc>Near-Infrared</sc></i> Spectroscopy. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1400-1412.	3.4	6
6	Anemia predicts lower white matter volume and cognitive performance in sickle and non-sickle cell anemia syndrome. <i>American Journal of Hematology</i> , 2019, 94, 1055-1065.	4.1	28
7	White matter has impaired resting oxygen delivery in sickle cell patients. <i>American Journal of Hematology</i> , 2019, 94, 467-474.	4.1	31
8	Cerebral Oxygen Delivery and Metabolic Rate in Chronically Anemic Subjects. <i>Blood</i> , 2019, 134, 2273-2273.	1.4	0
9	Pseudo continuous arterial spin labeling quantification in anemic subjects with hyperemic cerebral blood flow. <i>Magnetic Resonance Imaging</i> , 2018, 47, 137-146.	1.8	29
10	Diminished cerebral oxygen extraction and metabolic rate in sickle cell disease using T2 relaxation under spin tagging MRI. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 294-303.	3.0	49
11	Hemoglobin and mean platelet volume predicts diffuse T1-MRI white matter volume decrease in sickle cell disease patients. <i>NeuroImage: Clinical</i> , 2017, 15, 239-246.	2.7	29
12	Empirical model of human blood transverse relaxation at 3%T improves MRI T ₂ oximetry. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 2364-2371.	3.0	34
13	Contrasting resting-state fMRI abnormalities from sickle and non-sickle anemia. <i>PLoS ONE</i> , 2017, 12, e0184860.	2.5	22
14	An experimental investigation of labeling efficiency for pseudo-continuous arterial spin labeling. , 2016, , .		1
15	Determinants of resting cerebral blood flow in sickle cell disease. <i>American Journal of Hematology</i> , 2016, 91, 912-917.	4.1	76
16	Predictors of cerebral blood flow in patients with and without anemia. <i>Journal of Applied Physiology</i> , 2016, 120, 976-981.	2.5	42
17	Functional connectivity analysis for thalassemia disease based on a graphical lasso model. , 2016, 2016, 1295-1298.		4
18	In Vivo T1 of Blood Measurements in Children with Sickle Cell Disease Improve Cerebral Blood Flow Quantification from Arterial Spin-Labeling MRI. <i>American Journal of Neuroradiology</i> , 2016, 37, 1727-1732.	2.4	37

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19	Changes in Brain Oxygenation in Response to Inhaled 100% Oxygen Are Different in Sickle Cell Disease Patients. <i>Blood</i> , 2016, 128, 3667-3667.	1.4	0
20	Shear-Mediated Erythrocyte Nitric Oxide Production Is Differentially Regulated in Patients with Sickle Cell Disease. <i>Blood</i> , 2016, 128, 1301-1301.	1.4	0
21	Hemoglobin S Exhibits Distinct MRI Oximetry Calibration in Vitro. <i>Blood</i> , 2016, 128, 4842-4842.	1.4	0
22	Tract specific analysis in patients with sickle cell disease. <i>Proceedings of SPIE</i> , 2015, 9681, .	0.8	4
23	Cerebral Tissue Transit Time in Patients with Sickle Cell Anemia. <i>Blood</i> , 2015, 126, 280-280.	1.4	1
24	Elevated Cerebral Metabolic Oxygen Consumption in Sickle Cell Disease. <i>Blood</i> , 2014, 124, 2706-2706.	1.4	6
25	Cerebral Blood Flow and Oxygen Delivery In Response To Hyperoxia In Sickle Cell Anemia. <i>Blood</i> , 2013, 122, 2210-2210.	1.4	0
26	Delayed Recovery of Venous Oxygen Saturation and Lactate in SCT Subjects Following Exercise and Their Association with Red Cell Oxidative Stress. <i>Blood</i> , 2012, 120, 3244-3244.	1.4	0
27	Changes in Regional Oxygenation At the Site of Sickle Cell Vaso-Occlusive Pain. <i>Blood</i> , 2012, 120, 4773-4773.	1.4	0
28	Evaluation of Autonomic Function in Patients with Sickle Cell Disease in Relation to Nighttime Hypoxemia. <i>Blood</i> , 2012, 120, 4764-4764.	1.4	0
29	Autonomic Response to Hypoxia and Isometric Exercise in Sickle Cell Trait Subjects. <i>Blood</i> , 2012, 120, 3241-3241.	1.4	0
30	Abnormal Red Cell Deformability and Aggregation in Sickle Cell Trait. <i>Blood</i> , 2012, 120, 1001-1001.	1.4	1
31	Peripheral Vasoconstriction and Abnormal Parasympathetic Response to Sighs and Transient Hypoxia in Sickle Cell Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 474-481.	5.6	55
32	Cardiac Iron Overload Causes Clinically Evident Heart Failure and Arrhythmia in Sickle Cell Anemia Patients: Evidence From Three Cases. <i>Blood</i> , 2011, 118, 4846-4846.	1.4	0
33	Liver and Cardiac Iron Measurements in Very Young Chronically Transfused Patients Show Dangerous Levels of Iron Loading. <i>Blood</i> , 2011, 118, 1086-1086.	1.4	0
34	Acute Cardiovascular and Hematologic Changes After a Single Transfusion Demonstrate Sex Differences in Chronically Transfused Sickle Cell Anemia Patients. <i>Blood</i> , 2011, 118, 2138-2138.	1.4	6
35	Trends in Ferritin Can Be Dramatically Different From Trends in Total Body Iron and Could Lead to Erroneous Decisions in Iron Chelation Management and Discourage Adherence in Chronically Transfused Patients,. <i>Blood</i> , 2011, 118, 3203-3203.	1.4	1
36	Elevated Tricuspid Regurgitation Jet Correlates with Decreased Brachial Artery Relaxivity In Sickle Cell Anemia Patients on Chronic Transfusion Therapy.. <i>Blood</i> , 2010, 116, 1645-1645.	1.4	0

#	ARTICLE	IF	CITATIONS
37	Blood Flow Response to Cold Face Stimulation Is Blunted In Patients with Sickle Cell Disease. Blood, 2010, 116, 2655-2655.	1.4	0