William T Triplett

List of Publications by Year
in descending order

25 papers	1,307 citations	471509 17 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	1605 citing authors

#	Article	IF	Citations
1	Disease-modifying effects of edasalonexent, an NF-ÎºB inhibitor, in young boys with Duchenne muscular dystrophy: Results of the MoveDMD phase 2 and open label extension trial. Neuromuscular Disorders, 2021, 31, 385-396.	0.6	20
2	Lower Extremity Muscle Involvement in the Intermediate and Bethlem Myopathy Forms of COL6-Related Dystrophy and Duchenne Muscular Dystrophy: A Cross-Sectional Study. Journal of Neuromuscular Diseases, 2020, 7, 407-417.	2.6	7
3	MR biomarkers predict clinical function in Duchenne muscular dystrophy. Neurology, 2020, 94, e897-e909.	1.1	55
4	Upper and Lower Extremities in Duchenne Muscular Dystrophy Evaluated with Quantitative MRI and Proton MR Spectroscopy in a Multicenter Cohort. Radiology, 2020, 295, 616-625.	7.3	28
5	Modeling disease trajectory in Duchenne muscular dystrophy. Neurology, 2020, 94, e1622-e1633.	1.1	49
6	Imaging respiratory muscle quality and function in Duchenne muscular dystrophy. Journal of Neurology, 2019, 266, 2752-2763.	3.6	23
7	Leg muscle MRI in identical twin boys with duchenne muscular dystrophy. Muscle and Nerve, 2018, 58, E1.	2.2	2
8	Two-Year Longitudinal Changes in Lower Limb Strength and Its Relation to Loss in Function in a Large Cohort of Patients With Duchenne Muscular Dystrophy. American Journal of Physical Medicine and Rehabilitation, 2018, 97, 734-740.	1.4	7
9	Skeletal muscle magnetic resonance biomarkers correlate with function and sentinel events in Duchenne muscular dystrophy. PLoS ONE, 2018, 13, e0194283.	2.5	52
10	Small Worldness in Dense and Weighted Connectomes. Frontiers in Physics, 2016, 4, .	2.1	10
11	Multicenter prospective longitudinal study of magnetic resonance biomarkers in a large duchenne muscular dystrophy cohort. Annals of Neurology, 2016, 79, 535-547.	5.3	131
12	Brocaâ€™s area â€“ Thalamic connectivity. Brain and Language, 2015, 141, 80-88.	1.6	45
13	Magnetic Resonance Imaging and Spectroscopy Assessment of Lower Extremity Skeletal Muscles in Boys with Duchenne Muscular Dystrophy: A Multicenter Cross Sectional Study. PLoS ONE, 2014, 9, e106435.	2.5	94
14	Classification of Fractional Order Biomarkers for Anomalous Diffusion Using q-Space Entropy. Critical Reviews in Biomedical Engineering, 2014, 42, 63-83.	0.9	3
15	On random walks and entropy in diffusionâ€weighted magnetic resonance imaging studies of neural tissue. Magnetic Resonance in Medicine, 2014, 71, 617-627.	3.0	97
16	A DTI study to probe tumor microstructure and its connection with hypoxia. , 2014, 2014, 738-41.		4
17	Chemical shift-based MRI to measure fat fractions in dystrophic skeletal muscle. Magnetic Resonance in Medicine, 2014, 72, 8-19.	3.0	86
18	Examination of effects of corticosteroids on skeletal muscles of boys with DMD using MRI and MRS. Neurology, 2014, 83, 974-980.	1.1	131

#	Article	IF	Citations
19	On random walks and entropy in diffusion-weighted magnetic resonance imaging studies of neural tissue. Magnetic Resonance in Medicine, 2014, 71, spcone-spcone.	3.0	1
20	Generalized Framework to Study Brain Weighted Networks. Biophysical Journal, 2013, 104, 164a.	0.5	0
21	Characterization of anomalous diffusion in porous biological tissues using fractional order derivatives and entropy. Microporous and Mesoporous Materials, 2013, 178, 39-43.	4.4	136
22	Skeletal Muscles of Ambulant Children with Duchenne Muscular Dystrophy: Validation of Multicenter Study of Evaluation with MR Imaging and MR Spectroscopy. Radiology, 2013, 269, 198-207.	7.3	80
23	T₂ mapping provides multiple approaches for the characterization of muscle involvement in neuromuscular diseases: a crossâ€sectional study of lower leg muscles in 5â€“15â€yearâ€old boys with Duchenne muscular dystrophy. NMR in Biomedicine, 2013, 26, 320-328.	2.8	122
24	Broca's area and its striatal and thalamic connections: a diffusion-MRI tractography study. Frontiers in Neuroanatomy, 2013, 7, 8.	1.7	88
25	Imaging White Matter in Human Brainstem. Frontiers in Human Neuroscience, 2013, 7, 400.	2.0	36