

# Darren T Hwee

## List of Publications by Year in descending order

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10  
papers

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citations

1163117

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1372567

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docs citations

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times ranked

254  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Small-Molecule Fast Skeletal Troponin Activator, CK-2127107, Improves Exercise Tolerance in a Rat Model of Heart Failure. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 353, 159-168.	2.5	55
2	Fast Skeletal Muscle Troponin Activator tirasemtiv Increases Muscle Function and Performance in the B6SJL-SOD1G93A ALS Mouse Model. <i>PLoS ONE</i> , 2014, 9, e96921.	2.5	50
3	Discovery of <i>Tirasemtiv</i> , the First Direct Fast Skeletal Muscle Troponin Activator. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 354-358.	2.8	23
4	Fast skeletal muscle troponin activator CK-2066260 increases fatigue resistance by reducing the energetic cost of muscle contraction. <i>Journal of Physiology</i> , 2019, 597, 4615-4625.	2.9	23
5	The Ca <sup>2+</sup> sensitizer CK-2066260 increases myofibrillar Ca <sup>2+</sup> sensitivity and submaximal force selectively in fast skeletal muscle. <i>Journal of Physiology</i> , 2017, 595, 1657-1670.	2.9	20
6	Discovery of Reldesemtiv, a Fast Skeletal Muscle Troponin Activator for the Treatment of Impaired Muscle Function. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14930-14941.	6.4	12
7	Acute and chronic <i>tirasemtiv</i> treatment improves <i>in vivo</i> and <i>in vitro</i> muscle performance in actin-based nemaline myopathy mice. <i>Human Molecular Genetics</i> , 2021, 30, 1305-1320.	2.9	11
8	Pathogenic variants in <i>TNNC2</i> cause congenital myopathy due to an impaired force response to calcium. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	11
9	Functional Characterization of the Intact Diaphragm in a Nebulin-Based Nemaline Myopathy (NM) Model-Effects of the Fast Skeletal Muscle Troponin Activator tirasemtiv. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5008.	4.1	4
10	Fast skeletal muscle troponin activator CK-2066260 mitigates skeletal muscle weakness independently of the underlying cause. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1747-1757.	7.3	3