Kenneth A. Dyar

List of Publications by Year
in descending order

33 papers	3,920 citations	361045 20 h-index	454577 30 g-index
35 all docs	35 docs citations	35 times ranked	6149 citing authors

#	Article	IF	Citations
1	Analogues of Natural Chalcones as Efficient Inhibitors of AKR1C3. Metabolites, 2022, 12, 99.	1.3	5
2	Atlas of exercise metabolism reveals time-dependent signatures of metabolic homeostasis. Cell Metabolism, 2022, 34, 329-345.e8.	7.2	86
3	Antibiotic-induced microbiome depletion remodels daily metabolic cycles in the brain. Life Sciences, 2022, 303, 120601.	2.0	1
4	Effects of Acute and Chronic Resistance Exercise on the Skeletal Muscle Metabolome. Metabolites, 2022, 12, 445.	1.3	9
5	Untargeted and Targeted Circadian Metabolomics Using Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) and Flow Injection-Electrospray Ionization-Tandem Mass Spectrometry (FIA-ESI-MS/MS). Methods in Molecular Biology, 2022, , 311-327.	0.4	2
6	Common Muscle Metabolic Signatures Highlight Arginine and Lysine Metabolism as Potential Therapeutic Targets to Combat Unhealthy Aging. International Journal of Molecular Sciences, 2021, 22, 7958.	1.8	10
7	Integration of feeding behavior by the liver circadian clock reveals network dependency of metabolic rhythms. Science Advances, 2021, 7, eabi7828.	4.7	50
8	The scaffold protein p62 regulates adaptive thermogenesis through ATF2 nuclear target activation. Nature Communications, 2020, 11, 2306.	5.8	21
9	Exerciseâ€dependent increases in protein synthesis are accompanied by chromatin modifications and increased MRTFâ€SRF signalling. Acta Physiologica, 2020, 230, e13496.	1.8	27
10	Cistromic Reprogramming of the Diurnal Glucocorticoid Hormone Response by High-Fat Diet. Molecular Cell, 2019, 76, 531-545.e5.	4.5	63
11	In Vivo ChIP-Seq of Nuclear Receptors: A Rough Guide to Transform Frozen Tissues into High-Confidence Genome-Wide Binding Profiles. Methods in Molecular Biology, 2019, 1966, 39-70.	0.4	5
12	Skeletal Muscle Metabolomics for Metabolic Phenotyping and Biomarker Discovery. , 2019, , 193-217.		3
13	Skeletal muscle mass is controlled by the MRF4â€"MEF2 axis. Current Opinion in Clinical Nutrition and Metabolic Care, 2018, 21, 164-167.	1.3	29
14	Atlas of Circadian Metabolism Reveals System-wide Coordination and Communication between Clocks. Cell, 2018, 174, 1571-1585.e11.	13.5	258
15	Transcriptional programming of lipid and amino acid metabolism by the skeletal muscle circadian clock. PLoS Biology, 2018, 16, e2005886.	2.6	107
16	Comparative Analysis of Muscle Hypertrophy Models Reveals Divergent Gene Transcription Profiles and Points to Translational Regulation of Muscle Growth through Increased mTOR Signaling. Frontiers in Physiology, 2017, 8, 968.	1.3	17
17	Circadian Metabolomics in Time and Space. Frontiers in Neuroscience, 2017, 11, 369.	1.4	39
18	Inactivation of the intrinsic muscle clock does not cause sarcopenia. Journal of Physiology, 2016, 594, 3161-3162.	1.3	6

#	Article	IF	Citations
19	MRF4 negatively regulates adult skeletal muscle growth by repressing MEF2 activity. Nature Communications, 2016, 7, 12397.	5.8	88
20	The functional significance of the skeletal muscle clock: lessons from Bmal1 knockout models. Skeletal Muscle, 2016, 6, 33.	1.9	56
21	Aging: a portrait from gene expression profile in blood cells. Aging, 2016, 8, 1802-1821.	1.4	15
22	The calcineurin-NFAT pathway controls activity-dependent circadian gene expression in slow skeletal muscle. Molecular Metabolism, 2015, 4, 823-833.	3.0	58
23	Muscle insulin sensitivity and glucose metabolism are controlled by the intrinsic muscle clock. Molecular Metabolism, 2014, 3, 29-41.	3.0	324
24	Myeloid calcifying cells promote atherosclerotic calcification via paracrine activity and allograft inflammatory factor-1 overexpression. Basic Research in Cardiology, 2013, 108, 368.	2.5	28
25	Reprogramming of the Circadian Clock by Nutritional Challenge. Cell, 2013, 155, 1464-1478.	13.5	579
26	Mechanisms regulating skeletal muscle growth and atrophy. FEBS Journal, 2013, 280, 4294-4314.	2.2	1,115
27	Muscle type and fiber type specificity in muscle wasting. International Journal of Biochemistry and Cell Biology, 2013, 45, 2191-2199.	1.2	435
28	Signalling pathways regulating muscle mass in ageing skeletal muscle. The role of the IGF1-Akt-mTOR-FoxO pathway. Biogerontology, 2013, 14, 303-323.	2.0	274
29	Eccentric contractions lead to myofibrillar dysfunction in muscular dystrophy. Journal of Applied Physiology, 2010, 108, 105-111.	1.2	42
30	Activity-Dependent Control of Circadian Rhythms in Mammalian Skeletal Muscle. Medicine and Science in Sports and Exercise, 2010, 42, 96-97.	0.2	0
31	NFAT isoforms control activity-dependent muscle fiber type specification. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13335-13340.	3.3	136
32	Modest alterations in patterns of motor neuron dendrite morphology in the Fmr1 knockout mouse model for fragile X. International Journal of Developmental Neuroscience, 2008, 26, 805-811.	0.7	24
33	Atlas of Exercise Metabolism Reveals Time-Dependent Signatures of Metabolic Homeostasis. SSRN Electronic Journal, 0, , .	0.4	0