Atul s Deshmukh

List of Publications by Year
in descending order

40	3,187	279798 23	315739 38
papers	citations	h-index	g-index

48	48	48	5401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The proteomic profile of the human myotendinous junction. IScience, 2022, 25, 103836.	4.1	13
2	Integrated Liver and Plasma Proteomics in Obese Mice Reveals Complex Metabolic Regulation. Molecular and Cellular Proteomics, 2022, 21, 100207.	3.8	12
3	Protocol to characterize mitochondrial supercomplexes from mouse tissues by combining BN-PAGE and MS-based proteomics. STAR Protocols, 2022, 3, 101135.	1.2	2
4	Illumination of the Endogenous Insulin-Regulated TBC1D4 Interactome in Human Skeletal Muscle. Diabetes, 2022, 71, 906-920.	0.6	3
5	Exercise suppresses tumor growth independent of high fat food intake and associated immune dysfunction. Scientific Reports, 2022, 12, 5476.	3.3	3
6	Mass-spectrometry-based proteomics reveals mitochondrial supercomplexome plasticity. Cell Reports, 2021, 35, 109180.	6.4	28
7	Insulin and 5-Aminoimidazole-4-Carboxamide Ribonucleotide (AICAR) Differentially Regulate the Skeletal Muscle Cell Secretome. Proteomes, 2021, 9, 37.	3.5	4
8	Discovery of thymosin Î²4 as a human exerkine and growth factor. American Journal of Physiology - Cell Physiology, 2021, 321, C770-C778.	4.6	16
9	Deep muscle-proteomic analysis of freeze-dried human muscle biopsies reveals fiber type-specific adaptations to exercise training. Nature Communications, 2021, 12, 304.	12.8	79
10	Human thermogenic adipocyte regulation by the long noncoding RNA LINC00473. Nature Metabolism, 2020, 2, 397-412.	11.9	65
11	Atorvastatin for prevention of disease progression and hospitalisation in liver cirrhosis: protocol for a randomised, double-blind, placebo-controlled trial. BMJ Open, 2020, 10, e035284.	1.9	8
12	A Multi-Omics Approach to Liver Diseases: Integration of Single Nuclei Transcriptomics with Proteomics and HiCap Bulk Data in Human Liver. OMICS A Journal of Integrative Biology, 2020, 24, 180-194.	2.0	26
13	Proteomics-Based Comparative Mapping of the Secretomes of Human Brown and White Adipocytes Reveals EPDR1 as a Novel Batokine. Cell Metabolism, 2019, 30, 963-975.e7.	16.2	109
14	Protein Aggregation Capture on Microparticles Enables Multipurpose Proteomics Sample Preparation*. Molecular and Cellular Proteomics, 2019, 18, 1027a-1035.	3.8	189
15	Mechanisms Preserving Insulin Action during High Dietary Fat Intake. Cell Metabolism, 2019, 29, 50-63.e4.	16.2	50
16	Proteomics Analysis of Skeletal Muscle from Leptinâ€Deficient ob/ob Mice Reveals Adaptive Remodeling of Metabolic Characteristics and Fiber Type Composition. Proteomics, 2018, 18, e1700375.	2.2	22
17	Progressive resistance training in head and neck cancer patients undergoing concomitant chemoradiotherapy. Laryngoscope Investigative Otolaryngology, 2017, 2, 295-306.	1.5	24
18	Proteomics of Skeletal Muscle: Focus on Insulin Resistance and Exercise Biology. Proteomes, 2016, 4, 6.	3.5	36

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19	Diacylglycerol kinase-Î´ regulates AMPK signaling, lipid metabolism, and skeletal muscle energetics. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E51-E60.	3.5	31
20	Insulin-stimulated glucose uptake in healthy and insulin-resistant skeletal muscle. Hormone Molecular Biology and Clinical Investigation, 2016, 26, 13-24.	0.7	55
21	Progressive resistance training in head and neck cancer patients undergoing concomitant chemoradiotherapy.. Journal of Clinical Oncology, 2016, 34, e17534-e17534.	1.6	0
22	Absolute Quantitative Profiling of the Key Metabolic Pathways in Slow and Fast Skeletal Muscle. Journal of Proteome Research, 2015, 14, 1400-1411.	3.7	38
23	Single muscle fiber proteomics reveals unexpected mitochondrial specialization. EMBO Reports, 2015, 16, 387-395.	4.5	163
24	Deep Proteomics of Mouse Skeletal Muscle Enables Quantitation of Protein Isoforms, Metabolic Pathways, and Transcription Factors*. Molecular and Cellular Proteomics, 2015, 14, 841-853.	3.8	234
25	Secretome Analysis of Lipid-Induced Insulin Resistance in Skeletal Muscle Cells by a Combined Experimental and Bioinformatics Workflow. Journal of Proteome Research, 2015, 14, 4885-4895.	3.7	66
26	Effects of AMPK Activation on Insulin Sensitivity and Metabolism in Leptin-Deficient ob/ob Mice. Diabetes, 2014, 63, 1560-1571.	0.6	32
27	The Rab-GTPase-activating protein TBC1D1 regulates skeletal muscle glucose metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E524-E533.	3.5	71
28	Direct effects of FGF21 on glucose uptake in human skeletal muscle: implications for type 2 diabetes and obesity. Diabetes/Metabolism Research and Reviews, 2011, 27, 286-297.	4.0	187
29	Nitric oxide increases cyclic GMP levels, AMP-activated protein kinase (AMPK)Î±1-specific activity and glucose transport in human skeletal muscle. Diabetologia, 2010, 53, 1142-1150.	6.3	60
30	Interdependence of AMPK and SIRT1 for Metabolic Adaptation to Fasting and Exercise in Skeletal Muscle. Cell Metabolism, 2010, 11, 213-219.	16.2	752
31	Role of the AMPKÎ³3 isoform in hypoxia-stimulated glucose transport in glycolytic skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E1388-E1394.	3.5	7
32	Post-transcriptional gene silencing of ribosomal protein S6 kinase 1 restores insulin action in leucine-treated skeletal muscle. Cellular and Molecular Life Sciences, 2009, 66, 1457-1466.	5.4	13
33	Exercise-induced phospho-proteins in skeletal muscle. International Journal of Obesity, 2008, 32, S18-S23.	3.4	26
34	Tbc1d1 mutation in lean mouse strain confers leanness and protects from diet-induced obesity. Nature Genetics, 2008, 40, 1354-1359.	21.4	174
35	Role of Adenosine 5â€²-Monophosphate-Activated Protein Kinase Subunits in Skeletal Muscle Mammalian Target of Rapamycin Signaling. Molecular Endocrinology, 2008, 22, 1105-1112.	3.7	39
36	Interleukin-6 Directly Increases Glucose Metabolism in Resting Human Skeletal Muscle. Diabetes, 2007, 56, 1630-1637.	0.6	166

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37	AMPK-Mediated AS160 Phosphorylation in Skeletal Muscle Is Dependent on AMPK Catalytic and Regulatory Subunits. Diabetes, 2006, 55, 2051-2058.	0.6	239
38	Exercise-Induced Phosphorylation of the Novel Akt Substrates AS160 and Filamin A in Human Skeletal Muscle. Diabetes, 2006, 55, 1776-1782.	0.6	111
39	Organ-Specific Metabolic Pathways Distinguish Prediabetes, Type 2 Diabetes and Normal Tissues. SSRN Electronic Journal, 0, , .	0.4	0
40	High-intensity interval training remodels the proteome and acetylome of human skeletal muscle. ELife, 0, 11, .	6.0	16