

Andrea Armani

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,897
citations

218381

26
h-index

253896

43
g-index

48
all docs

48
docs citations

48
times ranked

8588
citing authors

#	ARTICLE	IF	CITATIONS
1	Lysosomal calcium signalling regulates autophagy through calcineurin and TFEB. <i>Nature Cell Biology</i> , 2015, 17, 288-299.	4.6	1,006
2	Regulation of autophagy and the ubiquitin-proteasome system by the FoxO transcriptional network during muscle atrophy. <i>Nature Communications</i> , 2015, 6, 6670.	5.8	522
3	Transcription Factor EB Controls Metabolic Flexibility during Exercise. <i>Cell Metabolism</i> , 2017, 25, 182-196.	7.2	250
4	Very-low-calorie ketogenic diet (VLCKD) in the management of metabolic diseases: systematic review and consensus statement from the Italian Society of Endocrinology (SIE). <i>Journal of Endocrinological Investigation</i> , 2019, 42, 1365-1386.	1.8	167
5	Fibroblast growth factor 21 controls mitophagy and muscle mass. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 630-642.	2.9	143
6	Mineralocorticoid receptor antagonism induces browning of white adipose tissue through impairment of autophagy and prevents adipocyte dysfunction in high-fat diet fed mice. <i>FASEB Journal</i> , 2014, 28, 3745-3757.	0.2	139
7	PGC-1 β modulates denervation-induced mitophagy in skeletal muscle. <i>Skeletal Muscle</i> , 2015, 5, 9.	1.9	136
8	Cellular models for understanding adipogenesis, adipose dysfunction, and obesity. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 564-572.	1.2	129
9	The role of the mineralocorticoid receptor in adipocyte biology and fat metabolism. <i>Molecular and Cellular Endocrinology</i> , 2012, 350, 281-288.	1.6	109
10	Essential role of ICAM-1 in aldosterone-induced atherosclerosis. <i>International Journal of Cardiology</i> , 2017, 232, 233-242.	0.8	104
11	Aldosterone Increases Early Atherosclerosis and Promotes Plaque Inflammation Through a Placental Growth Factor-Dependent Mechanism. <i>Journal of the American Heart Association</i> , 2013, 2, e000018.	1.6	102
12	TFEB 3 regulates whole-body energy metabolism in cooperation with TFEB. <i>EMBO Molecular Medicine</i> , 2017, 9, 605-621.	3.3	101
13	Spatial Distribution and Diverse Metabolic Functions of Lignocellulose-Degrading Uncultured Bacteria as Revealed by Genome-Centric Metagenomics. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	72
14	Content of mitochondrial calcium uniporter (MCU) in cardiomyocytes is regulated by microRNA-1 in physiologic and pathologic hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9006-E9015.	3.3	70
15	Mineralocorticoid Receptors in Metabolic Syndrome: From Physiology to Disease. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 205-217.	3.1	64
16	Mineralocorticoid receptor in adipocytes and macrophages: A promising target to fight metabolic syndrome. <i>Steroids</i> , 2014, 91, 46-53.	0.8	58
17	Transcriptomic Analysis of Single Isolated Myofibers Identifies miR-27a-3p and miR-142-3p as Regulators of Metabolism in Skeletal Muscle. <i>Cell Reports</i> , 2019, 26, 3784-3797.e8.	2.9	55
18	Molecular mechanisms underlying metabolic syndrome: the expanding role of the adipocyte. <i>FASEB Journal</i> , 2017, 31, 4240-4255.	0.2	53

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19	Molecular interactions with obscurin are involved in the localization of muscle-specific small ankyrin1 isoforms to subcompartments of the sarcoplasmic reticulum. <i>Experimental Cell Research</i> , 2006, 312, 3546-3558.	1.2	51
20	Phosphodiesterase type 5 (PDE5) in the adipocyte: a novel player in fat metabolism?. <i>Trends in Endocrinology and Metabolism</i> , 2011, 22, 404-411.	3.1	44
21	Role of mineralocorticoid receptor and renin-angiotensin-aldosterone system in adipocyte dysfunction and obesity. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 137, 99-106.	1.2	39
22	The novel non-steroidal MR antagonist finerenone improves metabolic parameters in high-fat diet-fed mice and activates brown adipose tissue via AMPK-ATGL pathway. <i>FASEB Journal</i> , 2020, 34, 12450-12465.	0.2	38
23	Exposure to Phosphodiesterase Type 5 Inhibitors Stimulates Aromatase Expression in Human Adipocytes in vitro. <i>Journal of Sexual Medicine</i> , 2011, 8, 696-704.	0.3	37
24	Impact of Adrenal Steroids on Regulation of Adipose Tissue. , 2017, 7, 1425-1447.		37
25	Insulin/IGF1 signalling mediates the effects of β_2 -adrenergic agonist on muscle proteostasis and growth. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 455-475.	2.9	33
26	Effects of a short-term exercise training on serum factors involved in ventricular remodelling in chronic heart failure patients. <i>International Journal of Cardiology</i> , 2012, 155, 409-413.	0.8	31
27	Cellular mechanisms of MR regulation of adipose tissue physiology and pathophysiology. <i>Journal of Molecular Endocrinology</i> , 2015, 55, R1-R10.	1.1	29
28	Exploring the Role of Skeletal Muscle in Insulin Resistance: Lessons from Cultured Cells to Animal Models. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9327.	1.8	29
29	A novel combined glucocorticoid-mineralocorticoid receptor selective modulator markedly prevents weight gain and fat mass expansion in mice fed a high-fat diet. <i>International Journal of Obesity</i> , 2016, 40, 964-972.	1.6	27
30	Multimodal label-free ex vivo imaging using a dual-wavelength microscope with axial chromatic aberration compensation. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	1.4	27
31	A Cryptic Non-Inducible Prophage Confers Phage-Immunity on the <i>Streptococcus thermophilus</i> M17PTZA496. <i>Viruses</i> , 2019, 11, 7.	1.5	26
32	Differential expression of perilipin 2 and 5 in human skeletal muscle during aging and their association with atrophy-related genes. <i>Biogerontology</i> , 2015, 16, 329-340.	2.0	23
33	Peripheral blood mononuclear cells from mild cognitive impairment patients show deregulation of Bax and Sod1 mRNAs. <i>Neuroscience Letters</i> , 2009, 453, 36-40.	1.0	20
34	Mineralocorticoid Receptor and Aldosterone-Related Biomarkers of End-Organ Damage in Cardiometabolic Disease. <i>Biomolecules</i> , 2018, 8, 96.	1.8	20
35	Muscle-specific Perilipin2 down-regulation affects lipid metabolism and induces myofiber hypertrophy. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 95-110.	2.9	20
36	SIRT5 Inhibition Induces Brown Fat-Like Phenotype in 3T3-L1 Preadipocytes. <i>Cells</i> , 2021, 10, 1126.	1.8	16

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37	Mineralocorticoid vs glucocorticoid receptors: solo players or team mates in the control of adipogenesis?. <i>International Journal of Obesity</i> , 2014, 38, 1580-1581.	1.6	15
38	Induction of Atherosclerotic Plaques Through Activation of Mineralocorticoid Receptors in Apolipoprotein E-deficient Mice. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	13
39	Minor role of mature adipocyte mineralocorticoid receptor in high-fat diet-induced obesity. <i>Journal of Endocrinology</i> , 2018, 239, 229-240.	1.2	13
40	Adipocyte Mineralocorticoid Receptor. <i>Vitamins and Hormones</i> , 2019, 109, 189-209.	0.7	11
41	Altered Tregs Differentiation and Impaired Autophagy Correlate to Atherosclerotic Disease. <i>Frontiers in Immunology</i> , 2020, 11, 350.	2.2	8
42	VLCKD in Combination with Physical Exercise Preserves Skeletal Muscle Mass in Sarcopenic Obesity after Severe COVID-19 Disease: A Case Report. <i>Healthcare (Switzerland)</i> , 2022, 10, 573.	1.0	5
43	Comment on "Mineralocorticoid antagonism enhances brown adipose tissue function in humans: A randomized placebo-controlled cross-over study". <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 2024-2026.	2.2	4
44	Prevention of Adverse Metabolic Consequences of Adipocyte Dysfunction Using MR Antagonists. , 2016, , 157-167.		0
45	Mineralocorticoid Receptor in Novel Target Tissues: A Closer Look at the Adipocyte. , 0, , .		0