

Edward Owusu-Ansah

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,814
citations

758635

12
h-index

839053

18
g-index

21
all docs

21
docs citations

21
times ranked

3113
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive oxygen species prime <i>Drosophila</i> haematopoietic progenitors for differentiation. <i>Nature</i> , 2009, 461, 537-541.	13.7	638
2	Distinct mitochondrial retrograde signals control the G1-S cell cycle checkpoint. <i>Nature Genetics</i> , 2008, 40, 356-361.	9.4	338
3	Muscle Mitohormesis Promotes Longevity via Systemic Repression of Insulin Signaling. <i>Cell</i> , 2013, 155, 699-712.	13.5	318
4	Modeling metabolic homeostasis and nutrient sensing in <i>Drosophila</i> : implications for aging and metabolic diseases. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 343-350.	1.2	134
5	Regulation of Mitochondrial Complex I Biogenesis in <i>Drosophila</i> Flight Muscles. <i>Cell Reports</i> , 2017, 20, 264-278.	2.9	60
6	Assembly of the complexes of oxidative phosphorylation triggers the remodeling of cardiolipin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11235-11240.	3.3	60
7	Circadian regulation of mitochondrial uncoupling and lifespan. <i>Nature Communications</i> , 2020, 11, 1927.	5.8	53
8	Activin signaling mediates muscle-to-adipose communication in a mitochondria dysfunction-associated obesity model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8596-8601.	3.3	41
9	Stress Signaling Between Organs in Metazoa. <i>Annual Review of Cell and Developmental Biology</i> , 2015, 31, 497-522.	4.0	37
10	Cyb5r3 links FoxO1-dependent mitochondrial dysfunction with β -cell failure. <i>Molecular Metabolism</i> , 2020, 34, 97-111.	3.0	30
11	Insights from <i>Drosophila</i> on mitochondrial complex I. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 607-618.	2.4	27
12	An antibody toolbox to track complex I assembly defines AIF TM 's mitochondrial function. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	27
13	Mitochondria in epithelial ovarian carcinoma exhibit abnormal phenotypes and blunted associations with biobehavioral factors. <i>Scientific Reports</i> , 2021, 11, 11595.	1.6	13
14	Quantification of NADH:ubiquinone oxidoreductase (complex I) content in biological samples. <i>Journal of Biological Chemistry</i> , 2021, 297, 101204.	1.6	12
15	IDH2-mediated regulation of the biogenesis of the oxidative phosphorylation system. <i>Science Advances</i> , 2022, 8, eab18716.	4.7	10
16	Dissecting the concordant and disparate roles of NDUF3 and NDUF4 in mitochondrial complex I biogenesis. <i>IScience</i> , 2021, 24, 102869.	1.9	8
17	Analyzing the integrity of oxidative phosphorylation complexes in <i>Drosophila</i> flight muscles. <i>STAR Protocols</i> , 2021, 2, 101021.	0.5	4
18	Mitochondrial respiratory chain protein co-regulation in the human brain. <i>Heliyon</i> , 2022, 8, e09353.	1.4	4