

# Elia Obis

## List of Publications by Year in descending order

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13  
papers

427  
citations

840119

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1125271

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#	ARTICLE	IF	CITATIONS
1	Apoptotic cell death and altered calcium homeostasis caused by frataxin depletion in dorsal root ganglia neurons can be prevented by BH4 domain of Bcl-xL protein. <i>Human Molecular Genetics</i> , 2014, 23, 1829-1841.	1.4	65
2	Analysis of oxidative stress-induced protein carbonylation using fluorescent hydrazides. <i>Journal of Proteomics</i> , 2012, 75, 3778-3788.	1.2	64
3	Oxidative stress and altered lipid metabolism in Friedreich ataxia. <i>Free Radical Biology and Medicine</i> , 2016, 100, 138-146.	1.3	58
4	Frataxin deficiency in neonatal rat ventricular myocytes targets mitochondria and lipid metabolism. <i>Free Radical Biology and Medicine</i> , 2014, 73, 21-33.	1.3	50
5	Yeast frataxin mutants display decreased superoxide dismutase activity crucial to promote protein oxidative damage. <i>Free Radical Biology and Medicine</i> , 2010, 48, 411-420.	1.3	39
6	Frataxin Depletion in Yeast Triggers Up-regulation of Iron Transport Systems before Affecting Iron-Sulfur Enzyme Activities. <i>Journal of Biological Chemistry</i> , 2010, 285, 41653-41664.	1.6	37
7	Metabolomics uncovers the role of adipose tissue PDXK in adipogenesis and systemic insulin sensitivity. <i>Diabetologia</i> , 2016, 59, 822-832.	2.9	25
8	Methionine transsulfuration pathway is upregulated in long-lived humans. <i>Free Radical Biology and Medicine</i> , 2021, 162, 38-52.	1.3	21
9	The Lipidome Fingerprint of Longevity. <i>Molecules</i> , 2020, 25, 4343.	1.7	19
10	Specific Metabolomics Adaptations Define a Differential Regional Vulnerability in the Adult Human Cerebral Cortex. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 138.	1.4	17
11	Lipid alterations in human frontal cortex in ALS&FtLD&TDP43 proteinopathy spectrum are partly related to peroxisome impairment. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 544-563.	1.8	14
12	Metabolomics reveals that fittest trail runners show a better adaptation of bioenergetic pathways. <i>Journal of Science and Medicine in Sport</i> , 2022, 25, 425-431.	0.6	10
13	Age-Related Changes in Lipidome of Rat Frontal Cortex and Cerebellum Are Partially Reversed by Methionine Restriction Applied in Old Age. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12517.	1.8	8