

# Isabel Torres-Cuevas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6270648/publications.pdf>

Version: 2024-02-01

28  
papers

958  
citations

567144

15  
h-index

526166

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1456  
citing authors

#	ARTICLE	IF	CITATIONS
1	PGC-1 $\alpha$ , Inflammation, and Oxidative Stress: An Integrative View in Metabolism. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-20.	1.9	302
2	Oxygen and oxidative stress in the perinatal period. <i>Redox Biology</i> , 2017, 12, 674-681.	3.9	170
3	Urinary Lipid Peroxidation Byproducts: Are They Relevant for Predicting Neonatal Morbidity in Preterm Infants?. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 178-184.	2.5	53
4	Brain oxidative damage in murine models of neonatal hypoxia/ischemia and reoxygenation. <i>Free Radical Biology and Medicine</i> , 2019, 142, 3-15.	1.3	52
5	Analysis of lipid peroxidation biomarkers in extremely low gestational age neonate urines by UPLC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4345-4356.	1.9	40
6	Development of a reliable method based on ultra-performance liquid chromatography coupled to tandem mass spectrometry to measure thiol-associated oxidative stress in whole blood samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 123, 104-112.	1.4	37
7	Influence of Sex on Gestational Complications, Fetal-to-Neonatal Transition, and Postnatal Adaptation. <i>Frontiers in Pediatrics</i> , 2018, 6, 63.	0.9	33
8	Oxidative Stress in the Newborn Period: Useful Biomarkers in the Clinical Setting. <i>Antioxidants</i> , 2018, 7, 193.	2.2	32
9	Ultra high performance liquid chromatography coupled to tandem mass spectrometry determination of lipid peroxidation biomarkers in newborn serum samples. <i>Analytica Chimica Acta</i> , 2015, 886, 214-220.	2.6	31
10	Assessment of Oxidative Damage to Proteins and DNA in Urine of Newborn Infants by a Validated UPLC-MS/MS Approach. <i>PLoS ONE</i> , 2014, 9, e93703.	1.1	28
11	Oxygen Supplementation to Stabilize Preterm Infants in the Fetal to Neonatal Transition: No Satisfactory Answer. <i>Frontiers in Pediatrics</i> , 2016, 4, 29.	0.9	24
12	Protein-bound tyrosine oxidation, nitration and chlorination by-products assessed by ultraperformance liquid chromatography coupled to tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 913, 104-110.	2.6	22
13	Pterostilbene Prevents Early Diabetic Retinopathy Alterations in a Rabbit Experimental Model. <i>Nutrients</i> , 2020, 12, 82.	1.7	19
14	Metabolomic Analysis of the Effect of Postnatal Hypoxia on the Retina in a Newly Born Piglet Model. <i>PLoS ONE</i> , 2013, 8, e66540.	1.1	19
15	Development of a reliable analytical method to determine lipid peroxidation biomarkers in newborn plasma samples. <i>Talanta</i> , 2016, 153, 152-157.	2.9	18
16	7,8-hydroxy-2 $\alpha$ -deoxyguanosine/2 $\alpha$ -deoxyguanosine ratio determined in hydrolysates of brain DNA by ultrachromatography coupled to tandem mass spectrometry. <i>Talanta</i> , 2017, 170, 97-102.	2.9	11
17	Blockade of the trans-sulfuration pathway in acute pancreatitis due to nitration of cystathionine $\beta$ -synthase. <i>Redox Biology</i> , 2020, 28, 101324.	3.9	11
18	Prolonging in utero-like oxygenation after birth diminishes oxidative stress in the lung and brain of mice pups. <i>Redox Biology</i> , 2013, 1, 297-303.	3.9	10

#	ARTICLE	IF	CITATIONS
19	Oral Monosodium Glutamate Administration Causes Early Onset of Alzheimer's Disease-Like Pathophysiology in APP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 957-975.	1.2	10
20	Analysis of Lipid Peroxidation by UPLC-MS/MS and Retinoprotective Effects of the Natural Polyphenol Pterostilbene. <i>Antioxidants</i> , 2021, 10, 168.	2.2	8
21	Oxygen in the delivery room. <i>Early Human Development</i> , 2013, 89, S11-S13.	0.8	7
22	Long-Term Aspartame Administration Leads to Fibrosis, Inflammasome Activation, and Gluconeogenesis Impairment in the Liver of Mice. <i>Biology</i> , 2021, 10, 82.	1.3	7
23	Impairment of PGC-1 Alpha Up-Regulation Enhances Nitrosative Stress in the Liver during Acute Pancreatitis in Obese Mice. <i>Antioxidants</i> , 2020, 9, 887.	2.2	6
24	Determination of biomarkers of protein oxidation in tissue and plasma. <i>Free Radical Biology and Medicine</i> , 2014, 75, S51.	1.3	3
25	Impact of Donor Human Milk in the Preterm Very Low Birth Weight Gut Transcriptome Profile by Use of Exfoliated Intestinal Cells. <i>Nutrients</i> , 2019, 11, 2677.	1.7	3
26	Role of human milk in oxidative stress associated with prematurity. <i>Journal of Pediatric Biochemistry</i> , 2015, 03, 169-177.	0.2	1
27	Oxygen Modulation and Bronchopulmonary Dysplasia: Delivery Room and Beyond. <i>Respiratory Medicine</i> , 2016, , 183-198.	0.1	1
28	Oxygen for the resuscitation of newborn infants. <i>Journal of Pediatric Biochemistry</i> , 2015, 03, 155-159.	0.2	0