

# Ana Guerra-Librero

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5383913/publications.pdf>

Version: 2024-02-01

18  
papers

863  
citations

623574

14  
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839398

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docs citations

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times ranked

1501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combination of melatonin and rapamycin for head and neck cancer therapy: Suppression of <sc>AKT</sc>/<sc>mTOR</sc> pathway activation, and activation of mitophagy and apoptosis via mitochondrial function regulation. Journal of Pineal Research, 2018, 64, e12461.	3.4	131
2	Same molecule but different expression: aging and sepsis trigger NLRP3 inflammasome activation, a target of melatonin. Journal of Pineal Research, 2016, 60, 193-205.	3.4	125
3	Melatonin protects rats from radiotherapy-induced small intestine toxicity. PLoS ONE, 2017, 12, e0174474.	1.1	86
4	Melatonin enhances neural stem cell differentiation and engraftment by increasing mitochondrial function. Journal of Pineal Research, 2017, 63, e12415.	3.4	78
5	Melatonin Enhances Cisplatin and Radiation Cytotoxicity in Head and Neck Squamous Cell Carcinoma by Stimulating Mitochondrial ROS Generation, Apoptosis, and Autophagy. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-12.	1.9	65
6	Melatonin rescues zebrafish embryos from the parkinsonian phenotype restoring the parkin/<sc>PINK</sc>1/<sc>DJ</sc>1/<sc>MUL</sc>1 network. Journal of Pineal Research, 2016, 61, 96-107.	3.4	64
7	Protective Effects of Melatonin on the Skin: Future Perspectives. International Journal of Molecular Sciences, 2019, 20, 4948.	1.8	59
8	Analysis of Plasma MicroRNAs as Predictors and Biomarkers of Aging and Frailty in Humans. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-9.	1.9	51
9	Lack of NLRP3 Inflammasome Activation Reduces Age-Dependent Sarcopenia and Mitochondrial Dysfunction, Favoring the Prophylactic Effect of Melatonin. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1699-1708.	1.7	38
10	Oral Mucositis: Melatonin Gel an Effective New Treatment. International Journal of Molecular Sciences, 2017, 18, 1003.	1.8	34
11	Melatonin alleviates sepsis-induced heart injury through activating the Nrf2 pathway and inhibiting the NLRP3 inflammasome. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 261-277.	1.4	30
12	Human mesenchymal stem cells enhance the systemic effects of radiotherapy. Oncotarget, 2015, 6, 31164-31180.	0.8	26
13	Melatonin Targets Metabolism in Head and Neck Cancer Cells by Regulating Mitochondrial Structure and Function. Antioxidants, 2021, 10, 603.	2.2	24
14	Melatonin Treatment Reduces Oxidative Damage and Normalizes Plasma Pro-Inflammatory Cytokines in Patients Suffering from Charcot-Marie-Tooth Neuropathy: A Pilot Study in Three Children. Molecules, 2017, 22, 1728.	1.7	23
15	The Impact of Melatonin and NLRP3 Inflammasome on the Expression of microRNAs in Aged Muscle. Antioxidants, 2021, 10, 524.	2.2	15
16	The Zebrafish, an Outstanding Model for Biomedical Research in the Field of Melatonin and Human Diseases. International Journal of Molecular Sciences, 2022, 23, 7438.	1.8	10
17	Preliminary evidence suggesting that nonmetallic and metallic nanoparticle devices protect against the effects of environmental electromagnetic radiation by reducing oxidative stress and inflammatory status. European Journal of Integrative Medicine, 2016, 8, 835-840.	0.8	3
18	Effect of 5-Azacytidine Treatment on Redox Status and Inflammatory Condition in MDS Patients. Antioxidants, 2022, 11, 139.	2.2	1