

# Giulia Murtas

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

128  
citations

6  
h-index

11  
g-index

16  
ext. papers

194  
ext. citations

5.3  
avg, IF

3.35  
L-index

#	Paper	IF	Citations
14	D-amino acids as novel blood-based biomarkers. <i>Current Medicinal Chemistry</i> , <b>2021</b> ,	4.3	3
13	The Role of D-Amino Acids in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 80, 475-492	4.3	7
12	Enhancing Electrochemical Biosensor Selectivity with Engineered d-Amino Acid Oxidase Enzymes for d-Serine and d-Alanine Quantification.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 5598-5604	4.1	1
11	Human D-aspartate Oxidase: A Key Player in D-aspartate Metabolism. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 689719	5.6	0
10	Antimicrobial D-amino acid oxidase-derived peptides specify gut microbiota. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 3607-3620	10.3	2
9	Synthesis and preliminary evaluation of 4-hydroxy-6-(3-[C]methoxyphenethyl)pyridazin-3(2H)-one, a C-labeled d-amino acid oxidase (DAAO) inhibitor for PET imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 127326	2.9	0
8	L-serine synthesis via the phosphorylated pathway in humans. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 5131-5148	10.3	14
7	Is the primate-specific protein pLG72 affecting SOD1 functionality and superoxide formation?. <i>Free Radical Research</i> , <b>2020</b> , 54, 419-430	4	0
6	Substitution of Arginine 120 in Human D-Amino Acid Oxidase Favors FAD-Binding and Nuclear Mistargeting. <i>Frontiers in Molecular Biosciences</i> , <b>2019</b> , 6, 125	5.6	3
5	Human d-amino acid oxidase: The inactive G183R variant. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2018</b> , 1866, 822-830	4	6
4	Biochemical Properties of Human D-amino Acid Oxidase Variants and Their Potential Significance in Pathologies. <i>Frontiers in Molecular Biosciences</i> , <b>2018</b> , 5, 55	5.6	16
3	Human D-Amino Acid Oxidase: Structure, Function, and Regulation. <i>Frontiers in Molecular Biosciences</i> , <b>2018</b> , 5, 107	5.6	36
2	Biochemical Properties of Human D-Amino Acid Oxidase. <i>Frontiers in Molecular Biosciences</i> , <b>2017</b> , 4, 88	5.6	21
1	Structure-function relationships in human d-amino acid oxidase variants corresponding to known SNPs. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2015</b> , 1854, 1150-9	4	18