

# Marta Ligaj

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6468315/publications.pdf>

Version: 2024-02-01

19  
papers

267  
citations

933264

10  
h-index

940416

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of DNA Hybridization Biosensor as a Screening Method for the Detection of Genetically Modified Food Components. <i>Sensors</i> , 2008, 8, 2118-2135.	2.1	66
2	Covalent attachment of single-stranded DNA to carbon paste electrode modified by activated carboxyl groups. <i>Electrochimica Acta</i> , 2006, 51, 5193-5198.	2.6	36
3	Novel Drying Methods for Sustainable Upcycling of Brewersâ€™ Spent Grains as a Plant Protein Source. <i>Sustainability</i> , 2020, 12, 3660.	1.6	26
4	Characterization of St. John's wort ( <i>Hypericum perforatum</i> L.) and the impact of filtration process on bioactive extracts incorporated into carbohydrate-based hydrogels. <i>Food Hydrocolloids</i> , 2020, 104, 105748.	5.6	25
5	Application for novel electrochemical screening of antioxidant potential and phytochemicals in <i>Cornus mas</i> extracts. <i>CYTA - Journal of Food</i> , 2019, 17, 781-789.	0.9	16
6	Variability of <i>Hordeum vulgare</i> L. Cultivars in Yield, Antioxidant Potential, and Cholinesterase Inhibitory Activity. <i>Sustainability</i> , 2020, 12, 1938.	1.6	15
7	The Genoprotective Role of Naringin. <i>Biomolecules</i> , 2020, 10, 700.	1.8	14
8	Detection of bar gene encoding phosphinothricin herbicide resistance in plants by electrochemical biosensor. <i>Bioelectrochemistry</i> , 2008, 74, 32-37.	2.4	13
9	Efficiency of Novel Antimicrobial Coating Based on Iron Nanoparticles for Dairy Productsâ€™ Packaging. <i>Coatings</i> , 2020, 10, 156.	1.2	13
10	Polyphenol content and antioxidant activities of <i>Prunus padus</i> L. and <i>Prunus serotina</i> L. leaves: Electrochemical and spectrophotometric approach and their antimicrobial properties. <i>Open Chemistry</i> , 2020, 18, 1125-1135.	1.0	12
11	Electrochemical screening of genoprotective and antioxidative effectiveness of <i>Origanum vulgare</i> L. and its functionality in the prevention of neurodegenerative disorders. <i>Talanta</i> , 2021, 223, 121749.	2.9	7
12	Exploring antimicrobial and antioxidant properties of phytochemicals from different anatomical parts of <i>Prunus padus</i> L. <i>International Journal of Food Properties</i> , 2020, 23, 2097-2109.	1.3	6
13	The Role of Agrotechnical Factors in Shaping the Protein Yield of Maize ( <i>Zea mays</i> L.). <i>Sustainability</i> , 2020, 12, 6833.	1.6	6
14	Phytochemicals and evaluation of acetylcholinesterase inhibition by <i>Ginkgo biloba</i> L. leaves extract depending on vegetation period. <i>CYTA - Journal of Food</i> , 2020, 18, 606-615.	0.9	3
15	Chocolate desserts with ricotta hydrolysates: In vitro study of inhibitory activity against angiotensinâ€ converting enzyme and cholinesterase. <i>Journal of Food Science</i> , 2020, 85, 3003-3011.	1.5	3
16	Genoprotective effect of cornelian cherry ( <i>Cornus mas</i> L.) phytochemicals, electrochemical and ab initio interaction study. <i>Biomedicine and Pharmacotherapy</i> , 2022, 152, 113216.	2.5	3
17	Comparative Analysis of Infusions with the Addition <i>P. padus</i> Bark: Assessment of the Antioxidant Potential and Their Inhibitory Effect on Enzymes Associated with Oxidative Stress. <i>Sustainability</i> , 2021, 13, 3913.	1.6	1
18	The Role of Agrotechnical Factors in Shaping the Health of Maize Plants (&lt;i>Zea mays&lt;/i> L.). <i>Polish Journal of Environmental Studies</i> , 2020, 30, 863-869.	0.6	1

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19	Temperature Optimization by Electrochemical Method for Improving Antioxidant Compound Extraction Efficiency from <i>Origanum vulgare</i> L. and Its Application in a Bread Production. <i>Sustainability</i> , 2022, 14, 2801.	1.6	1