

# Andrea Mastinu

## List of Publications by Year in descending order

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62  
papers

2,256  
citations

212478

28  
h-index

263392

45  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2831  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational and experimental insights on the interaction of artemisinin, dihydroartemisinin and chloroquine with SARS-CoV-2 spike protein receptor-binding domain (RBD). <i>Natural Product Research</i> , 2022, 36, 5358-5363.	1.0	19
2	Prosocial Effects of Nonpsychotropic <i>Cannabis sativa</i> in Mice. <i>Cannabis and Cannabinoid Research</i> , 2022, 7, 170-178.	1.5	10
3	Role of melatonin in autism spectrum disorders in a male murine transgenic model: Study in the prefrontal cortex. <i>Journal of Neuroscience Research</i> , 2022, 100, 780-797.	1.3	3
4	Weed management by allelopathic activity of <i>Foeniculum vulgare</i> essential oil. <i>Plant Biosystems</i> , 2022, 156, 1298-1306.	0.8	9
5	Physiological and Qualitative Response of <i>Cucurbita pepo</i> L. to Salicylic Acid under Controlled Water Stress Conditions. <i>Horticulturae</i> , 2022, 8, 79.	1.2	36
6	Association analysis of yellow rust, fusarium head blight, tan spot, powdery mildew, and brown rust horizontal resistance genes in wheat. <i>Physiological and Molecular Plant Pathology</i> , 2022, 118, 101808.	1.3	10
7	Effects of Metribuzin Herbicide on Some Morpho-Physiological Characteristics of Two Echinacea Species. <i>Horticulturae</i> , 2022, 8, 169.	1.2	12
8	Physiological, Biochemical, and Agronomic Trait Responses of <i>Nigella sativa</i> Genotypes to Water Stress. <i>Horticulturae</i> , 2022, 8, 193.	1.2	18
9	Physiological and Molecular Aspects of Two <i>Thymus</i> Species Differently Sensitive to Drought Stress. <i>BioTech</i> , 2022, 11, 8.	1.3	15
10	Germination of <i>Triticum aestivum</i> L.: Effects of Soil-Seed Interaction on the Growth of Seedlings. <i>Soil Systems</i> , 2022, 6, 37.	1.0	13
11	Salicylic Acid Stimulates Defense Systems in <i>Allium hirtifolium</i> Grown under Water Deficit Stress. <i>Molecules</i> , 2022, 27, 3083.	1.7	20
12	Molecular Characterization of a New Ecotype of Holoparasitic Plant <i>Orobancha</i> L. on Host Weed <i>Xanthium spinosum</i> L.. <i>Plants</i> , 2022, 11, 1406.	1.6	5
13	Biochemical and Botanical Aspects of <i>Allium sativum</i> L. Sowing. <i>BioTech</i> , 2022, 11, 16.	1.3	6
14	Different Seasonal Collections of <i>Ficus carica</i> L. Leaves Diversely Modulate Lipid Metabolism and Adipogenesis in 3T3-L1 Adipocytes. <i>Nutrients</i> , 2022, 14, 2833.	1.7	8
15	Effect of rhizosphere bacteria on antioxidant enzymes and some biochemical characteristics of <i>Medicago sativa</i> L. subjected to herbicide stress. <i>Acta Physiologiae Plantarum</i> , 2022, 44, .	1.0	13
16	Protective Effects of <i>Gynostemma pentaphyllum</i> (var. <i>Ginpent</i> ) against Lipopolysaccharide-Induced Inflammation and Motor Alteration in Mice. <i>Molecules</i> , 2021, 26, 570.	1.7	45
17	Biological Response of <i>Lallemantia iberica</i> to Brassinolide Treatment under Different Watering Conditions. <i>Plants</i> , 2021, 10, 496.	1.6	38
18	Rangeland Management and Ecological Adaptation Analysis Model for <i>Astragalus curvirostris</i> Boiss. <i>Horticulturae</i> , 2021, 7, 67.	1.2	31

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19	Concentrations-dependent effect of exogenous abscisic acid on photosynthesis, growth and phenolic content of <i>Dracocephalum moldavica</i> L. under drought stress. <i>Planta</i> , 2021, 253, 127.	1.6	39
20	Nitrogen and Phosphorus Addition to Soil Improves Seed Yield, Foliar Stomatal Conductance, and the Photosynthetic Response of Rapeseed ( <i>Brassica napus</i> L.). <i>Agriculture (Switzerland)</i> , 2021, 11, 483.	1.4	43
21	Anthropic Effects on the Biodiversity of the Habitats of <i>Ferula gummosa</i> . <i>Sustainability</i> , 2021, 13, 7874.	1.6	22
22	Phytochemical Analysis and Anti-Inflammatory Activity of Different Ethanolic Phyto-Extracts of <i>Artemisia annua</i> L.. <i>Biomolecules</i> , 2021, 11, 975.	1.8	54
23	Competitive Ability Effects of <i>Datura stramonium</i> L. and <i>Xanthium strumarium</i> L. on the Development of Maize ( <i>Zea mays</i> ) Seeds. <i>Plants</i> , 2021, 10, 1922.	1.6	33
24	Variation in Phytochemical, Antioxidant and Volatile Composition of Pomelo Fruit ( <i>Citrus grandis</i> (L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	45
25	Automatic classification of mice vocalizations using Machine Learning techniques and Convolutional Neural Networks. <i>PLoS ONE</i> , 2021, 16, e0244636.	1.1	16
26	Methylglyoxal affects cognitive behaviour and modulates RAGE and Presenilin-1 expression in hippocampus of aged mice. <i>Food and Chemical Toxicology</i> , 2021, 158, 112608.	1.8	13
27	Drought Resistance Loci in Recombinant Lines of Iranian <i>Oryza sativa</i> L. in Germination Stage. <i>BioTech</i> , 2021, 10, 26.	1.3	13
28	Brain Structural and Functional Alterations in Mice Prenatally Exposed to LPS Are Only Partially Rescued by Anti-Inflammatory Treatment. <i>Brain Sciences</i> , 2020, 10, 620.	1.1	8
29	<i>Artocarpus lakoocha</i> Roxb. and <i>Artocarpus heterophyllus</i> Lam. Flowers: New Sources of Bioactive Compounds. <i>Plants</i> , 2020, 9, 1329.	1.6	62
30	Quantitative and Qualitative Evaluation of <i>Sorghum bicolor</i> L. under Intercropping with Legumes and Different Weed Control Methods. <i>Horticulturae</i> , 2020, 6, 78.	1.2	48
31	Germination and Seedling Growth Responses of <i>Zygophyllum fabago</i> , <i>Salsola kali</i> L. and <i>Atriplex canescens</i> to PEG-Induced Drought Stress. <i>Environments - MDPI</i> , 2020, 7, 107.	1.5	55
32	Plant behaviour: an evolutionary response to the environment?. <i>Plant Biology</i> , 2020, 22, 961-970.	1.8	59
33	Variation in Terpene Profiles of <i>Thymus vulgaris</i> in Water Deficit Stress Response. <i>Molecules</i> , 2020, 25, 1091.	1.7	77
34	Critical Review on the Chemical Aspects of Cannabidiol (CBD) and Harmonization of Computational Bioactivity Data. <i>Current Medicinal Chemistry</i> , 2020, 28, 213-237.	1.2	15
35	Botanical, Chemical and Pharmacological Properties of <i>Artocarpus lakoocha</i> (Monkey Fruit): A Review. <i>Agricultural Reviews</i> , 2020, , .	0.1	3
36	Zeolite Clinoptilolite: Therapeutic Virtues of an Ancient Mineral. <i>Molecules</i> , 2019, 24, 1517.	1.7	92

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37	Cannabidiol: Recent advances and new insights for neuropsychiatric disorders treatment. <i>Life Sciences</i> , 2019, 224, 120-127.	2.0	95
38	Cannabimimetic plants: are they new cannabinoidergic modulators?. <i>Planta</i> , 2019, 249, 1681-1694.	1.6	81
39	Parallelism of Chemicostuctural Properties between Filgrastim Originator and Three of Its Biosimilar Drugs. <i>Journal of Chemistry</i> , 2019, 2019, 1-15.	0.9	2
40	Gamma-oryzanol Prevents LPS-induced Brain Inflammation and Cognitive Impairment in Adult Mice. <i>Nutrients</i> , 2019, 11, 728.	1.7	48
41	$\delta^3$ -Oryzanol Improves Cognitive Function and Modulates Hippocampal Proteome in Mice. <i>Nutrients</i> , 2019, 11, 753.	1.7	26
42	Specific profile of ultrasonic communication in a mouse model of neurodevelopmental disorders. <i>Scientific Reports</i> , 2019, 9, 15912.	1.6	25
43	Melanocortin 4 receptor stimulation improves social deficits in mice through oxytocin pathway. <i>Neuropharmacology</i> , 2018, 133, 366-374.	2.0	18
44	Cannabinoids in health and disease: pharmacological potential in metabolic syndrome and neuroinflammation. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2018, 36, .	0.3	40
45	<i>Cannabis sativa</i> : A comprehensive ethnopharmacological review of a medicinal plant with a long history. <i>Journal of Ethnopharmacology</i> , 2018, 227, 300-315.	2.0	378
46	Metabolic side effects induced by olanzapine treatment are neutralized by CB1 receptor antagonist compounds co-administration in female rats. <i>European Neuropsychopharmacology</i> , 2017, 27, 667-678.	0.3	36
47	Potential Role of Microtubule Stabilizing Agents in Neurodevelopmental Disorders. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1627.	1.8	28
48	Cortical Structure Alterations and Social Behavior Impairment in p50-Deficient Mice. <i>Cerebral Cortex</i> , 2016, 26, 2832-2849.	1.6	33
49	Oral prevalence and clearance of oncogenic human papilloma virus in a rehabilitation community for substance abusers in Italy: a case of behavioral correction?. <i>Journal of Oral Pathology and Medicine</i> , 2015, 44, 728-733.	1.4	3
50	Epigenetics: The Revenge of Lamarck?. <i>Advancements in Genetic Engineering</i> , 2015, 04, .	0.1	1
51	An Integrated Approach for a Structural and Functional Evaluation of Biosimilars: Implications for Erythropoietin. <i>BioDrugs</i> , 2015, 29, 285-300.	2.2	30
52	Evaluation of selective cannabinoid CB1 and CB2 receptor agonists in a mouse model of lipopolysaccharide-induced interstitial cystitis. <i>European Journal of Pharmacology</i> , 2014, 729, 67-74.	1.7	52
53	Novel pyrazole derivatives as neutral CB 1 antagonists with significant activity towards food intake. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 256-269.	2.6	31
54	NESS06SM reduces body weight with an improved profile relative to SR141716A. <i>Pharmacological Research</i> , 2013, 74, 94-108.	3.1	32

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55	NESS038C6, a novel selective CB1 antagonist agent with anti-obesity activity and improved molecular profile. Behavioural Brain Research, 2012, 234, 192-204.	1.2	31
56	Synthesis and Pharmacological Evaluation of Novel 4-Alkyl-5-thien-2-yl Pyrazole Carboxamides. Central Nervous System Agents in Medicinal Chemistry, 2012, 12, 254-276.	0.5	27
57	Weight loss induced by rimonabant is associated with an altered leptin expression and hypothalamic leptin signaling in diet-induced obese mice. Behavioural Brain Research, 2011, 217, 432-438.	1.2	33
58	Oct4 expression in <i>in vitro</i> produced sheep blastocysts and embryonic stem-like cells. Cell Biology International, 2010, 34, 53-60.	1.4	22
59	Alterations of the Salivary Secretory Peptidome Profile in Children Affected by Type 1 Diabetes. Molecular and Cellular Proteomics, 2010, 9, 2099-2108.	2.5	84
60	Distribution of Human Papillomavirus Genotypes in Sardinian Patients with Oral Squamous Cell Carcinoma. The Open Virology Journal, 2010, 4, 163-168.	1.8	6
61	Detection and genotyping of human papillomavirus DNA in samples from healthy Sardinian patients: a preliminary study. Journal of Oral Pathology and Medicine, 2007, 36, 482-487.	1.4	24
62	Different isoforms and post-translational modifications of human salivary acidic proline-rich proteins. Proteomics, 2005, 5, 805-815.	1.3	62