

# Mihai Botu

## List of Publications by Year in descending order

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62  
papers

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citations

759233

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#	ARTICLE	IF	CITATIONS
1	Antioxidant activity, and phenolic and mineral contents of the walnut kernel ( <i>Juglans regia</i> L.) as a function of the pellicle color. <i>Fruits</i> , 2016, 71, 177-184.	0.4	49
2	Total Phenolic, Flavonoid Distribution and Antioxidant Capacity in Skin, Pulp and Fruit Extracts of Plum Cultivars. <i>Journal of Food Biochemistry</i> , 2015, 39, 64-69.	2.9	41
3	Relationships of walnut cultivars in a germplasm collection: Comparative analysis of phenotypic and molecular data. <i>Scientia Horticulturae</i> , 2013, 153, 124-135.	3.6	40
4	Physical and Chemical Properties of Some European Plum Cultivars ( <i>Prunus</i> spp.). <i>Journal of Food Biochemistry</i> , 2015, 39, 64-69.	1.1	25
5	Bioactivity of Olive Oil Mill Wastewater Against Plant Pathogens and Post-Harvest Diseases. <i>Biotechnology and Biotechnological Equipment</i> , 2009, 23, 1217-1219.	1.3	20
6	THE GENETIC CONTROL OF POLLEN FERTILITY, POLLENIZING AND FRUIT SET FOR THE PRUNUS DOMESTICA L. PLUM CULTIVARS. <i>Acta Horticulturae</i> , 2002, , 139-145.	0.2	16
7	The Mineral Source for Human Nutrition of Nuts in Different Hazelnut ( <i>Corylus avellana</i> L.) Cultivars. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2013, 41, 250.	1.1	16
8	Variation of Bioactive Compounds and Antioxidant Activity of Jujube ( <i>Ziziphus jujuba</i> ) Fruits at Different Stages of Ripening. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 46, 134-137.	1.1	16
9	Phytochemical and Nutritional Profile Composition in Fruits of Different Sweet Chestnut ( <i>Castanea</i> spp.). <i>Journal of Food Biochemistry</i> , 2015, 39, 64-69.	1.1	16
10	1H-NMR Profiling and Carbon Isotope Discrimination as Tools for the Comparative Assessment of Walnut ( <i>Juglans regia</i> L.) Cultivars with Various Geographical and Genetic Origins – A Preliminary Study. <i>Molecules</i> , 2019, 24, 1378.	3.8	15
11	ENVIRONMENTAL FACTORS' INFLUENCE ON WALNUT FLOWERING. <i>Acta Horticulturae</i> , 2010, , 83-88.	0.2	14
12	SSR FINGERPRINTING PANEL VERIFIES IDENTITIES OF CLONES IN BACKUP HAZELNUT COLLECTION OF USDA GENE BANK. <i>Acta Horticulturae</i> , 2009, , 95-102.	0.2	13
13	Evolution of the Polyphenols, Flavonoids, and Tannins Content in Walnut Leaves and Green Walnut Husk during Growing Season. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2019, 47, 1264-1271.	1.1	12
14	GENETIC VARIABILITY OF THE JUGLANS REGIA L. NATURAL POPULATIONS FROM OLTENIA – ROMANIA. <i>Acta Horticulturae</i> , 2001, , 149-154.	0.2	10
15	EVALUATION OF SOME WALNUT CULTIVARS WITH DIFFERENT BEARING HABITS IN THE ECOLOGICAL CONDITIONS OF OLTENIA – ROMANIA. <i>Acta Horticulturae</i> , 2010, , 119-126.	0.2	10
16	Distribution and population structure of the chestnut blight fungus in Romania. <i>Plant Protection Science</i> , 2015, 51, 141-149.	1.4	9
17	Determination of Apomictic Fruit Set Ratio in Several Romanian Walnut ( <i>Juglans regia</i> L.) Cultivars. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2012, 40, 229.	1.1	8
18	EVALUATION OF SOME CHESTNUT SELECTIONS FROM THE POPULATION FORMED INTO THE ECOLOGICAL CONDITIONS FROM THE NORTH - EAST OF OLTENIA. <i>Acta Horticulturae</i> , 1999, , 77-84.	0.2	8

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19	Conservation of Fruit Tree Genetic Resources and Their Use in the Breeding Process. <i>Annals "Valahia" University of Targoviste - Agriculture</i> , 2017, 11, 66-69.	0.3	7
20	'RIVAL' - A NEW ROOTSTOCK FOR PLUM. <i>Acta Horticulturae</i> , 2007, , 253-256.	0.2	6
21	BREEDING OF NEW PLUM CULTIVARS IN ROMANIA. <i>Acta Horticulturae</i> , 2010, , 51-58.	0.2	6
22	THE INFLUENCE OF ECOLOGICAL CONDITIONS AND GENOTYPE ON WALNUT YIELD NORTH OF OLTENIA - ROMANIA. <i>Acta Horticulturae</i> , 2014, , 271-276.	0.2	6
23	FLOWERING OF HAZELNUT CULTIVARS IN OLTENIA, ROMANIA. <i>Acta Horticulturae</i> , 2001, , 365-370.	0.2	6
24	Plum Germplasm Resources and Breeding in Romania. <i>Proceedings of the Latvian Academy of Sciences</i> , 2019, 73, 214-219.	0.1	6
25	EVOLUTION OF PLUM CULTURE; CONSTRAINTS AND PERSPECTIVES. <i>Acta Horticulturae</i> , 2012, , 19-24.	0.2	6
26	VALUABLE WALNUT HYBRIDS AND SELECTIONS FOR INTENSIVE GROWTH IN ROMANIA. <i>Acta Horticulturae</i> , 1997, , 95-100.	0.2	5
27	THE EVALUATION AND CLASSIFICATION OF GROWTH VIGOR OF THE PLUM CULTIVARS GRAFTED ON VARIOUS ROOTSTOCKS. <i>Acta Horticulturae</i> , 2002, , 299-306.	0.2	5
28	LIMITS AND PERSPECTIVES IN PLUM CULTIVAR BREEDING USING CONVENTIONAL METHODS. <i>Acta Horticulturae</i> , 2007, , 321-325.	0.2	5
29	INFLUENCE OF CULTIVAR-ROOTSTOCK COMBINATION ON PHYSIOLOGICAL PROCESSES IN PLUM. <i>Acta Horticulturae</i> , 2007, , 381-386.	0.2	5
30	25 YEARS OF ACHIEVEMENTS AND PERSPECTIVES IN HAZELNUT BREEDING IN ROMANIA. <i>Acta Horticulturae</i> , 2005, , 91-94.	0.2	5
31	PLUM CULTURE IN ROMANIA: PRESENT SITUATION AND PERSPECTIVES. <i>Acta Horticulturae</i> , 2010, , 365-372.	0.2	4
32	POLYPHENOL CONTENT IN WALNUT ( <i>JUGLANS REGIA</i> L.) MATURE LEAVES. <i>Acta Horticulturae</i> , 2014, , 205-212.	0.2	4
33	EUROPEAN PLUM ( <i>PRUNUS DOMESTICA</i> L.) CULTURAL SYSTEMS TRIAL. <i>Acta Horticulturae</i> , 2013, , 169-173.	0.2	4
34	Mulching Effect on Quantitative and Qualitative Characteristics of Yield in Sweet Potatoes. <i>Horticulturae</i> , 2022, 8, 271.	2.8	3
35	THE PRINCIPAL VARIETIES OF WALNUT FROM ROMANIA. <i>Acta Horticulturae</i> , 1997, , 271-276.	0.2	2
36	WALNUT CULTIVARS IN ROMANIAN CONDITIONS. <i>Acta Horticulturae</i> , 2007, , 555-561.	0.2	2

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37	'PORTVAL' - A NEW WALNUT ROOTSTOCK. Acta Horticulturae, 2007, , 549-553.	0.2	2
38	NEW CULTIVARS AND ELITES FOR PLUM CULTURE IN ROMANIA. Acta Horticulturae, 2010, , 293-298.	0.2	2
39	GENETIC GAIN ACHIEVED IN PLUM BREEDING PROGRAMS IN ROMANIA. Acta Horticulturae, 2012, , 47-53.	0.2	2
40	RESEARCH ON THE GENETIC VARIABILITY OF CHARACTERISTICS IN HYBRID POPULATIONS OF HAZELNUT. Acta Horticulturae, 2009, , 151-158.	0.2	2
41	SWEET CHESTNUT SITUATION IN ROMANIA. Acta Horticulturae, 2010, , 511-515.	0.2	2
42	STRUCTURE OF THE PLUM CULTIVAR ASSORTMENT FOR THE REGION OF OLTENIA - ROMANIA. Acta Horticulturae, 2012, , 115-119.	0.2	2
43	'ROMVAL' AND 'CASVAL' - ONE CULTIVAR AND ONE ROOTSTOCK FOR SWEET CHESTNUT. Acta Horticulturae, 2014, , 139-144.	0.2	2
44	PHYSICAL AND COMPOSITIONAL CHARACTERISTICS OF CHESTNUT FRUITS. Romanian Journal of Horticulture, 2020, 1, 51-58.	0.2	2
45	MIROVAL - A NEW CLONAL ROOTSTOCK FOR EUROPEAN TYPE PLUM CULTIVARS. Acta Horticulturae, 2004, , 89-91.	0.2	1
46	PLUM ROOTSTOCKS FOR INTENSIVE PLUM CULTURE. Acta Horticulturae, 2010, , 299-304.	0.2	1
47	INHERITANCE OF SOME CHARACTERISTICS TO THE OFFSPRING AND EVALUATION OF THE GENITORS' VALUE FOR PLUM. Acta Horticulturae, 1998, , 155-164.	0.2	1
48	ÂŪRIASE DE VALCEAÂŪ - A VALUABLE NEW HAZELNUT CULTIVAR. Acta Horticulturae, 2005, , 95-98.	0.2	1
49	'ARUTELA' - A NEW HAZELNUT CULTIVAR FOR THE INDUSTRY. Acta Horticulturae, 2009, , 187-190.	0.2	1
50	FIRST RESULTS FROM THE EXAMINATION OF THREE INTERSTOCKS FOR THE SWEET CHERRY CULTIVAR 'STELLA'. Acta Horticulturae, 2014, , 381-384.	0.2	1
51	MORPHOLOGICAL AND ANATOMICAL CHARACTERISTICS OF REDLEAF HAZELNUT SEEDLINGS AND CHIMERAS. Acta Horticulturae, 2001, , 219-225.	0.2	1
52	THE VALUE AND PERSPECTIVES OF NEW PLUM CULTIVARS OBTAINED IN ROMANIA. Acta Horticulturae, 2002, , 147-150.	0.2	1
53	NEW PLUM ROOTSTOCK SELECTIONS WITH LOW VIGOR AND HIGH CAPACITY OF PROPAGATION. Acta Horticulturae, 2004, , 441-447.	0.2	1
54	EVALUATION OF THE PRODUCTION CAPACITY OF SOME PLUM CULTIVARS GROWN IN ROMANIA. Acta Horticulturae, 1998, , 179-186.	0.2	0

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55	THE BEHAVIOUR OF SOME WALNUT CULTIVARS AND SELECTIONS IN THE FIRST YEARS AFTER PLANTING. Acta Horticulturae, 2001, , 141-147.	0.2	0
56	EVALUATION AND PROPAGATION OF WALNUT CULTIVARS AND ROOTSTOCKS IN THE NURSERY. Acta Horticulturae, 2007, , 359-363.	0.2	0
57	The Productive Capacity and Quality of Several Walnut Cultivars ( <i>Juglans regia</i> L.) Grown in North Oltenia, Romania. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2019, 47, .	1.1	0
58	EVALUATION OF THE STRESS CAPACITY OF DIFFERENT SOIL TYPES ON THE SCION - ROOTSTOCK BIOSYSTEM FOR PLUM. Acta Horticulturae, 2004, , 413-419.	0.2	0
59	MAJOR ISSUES IN ASSURING THE CONTINUITY OF THE ON FARM NATURAL GENETIC VARIABILITY IN ROMANIA. Acta Horticulturae, 2007, , 327-331.	0.2	0
60	STUDY CONCERNING THE INFLUENCE OF THE ELECTRO-IONIC TECHNOLOGY ON LONG TERM STORAGE OF APPLES. Acta Horticulturae, 2007, , 47-51.	0.2	0
61	'PRIMVAL' AND 'NATVAL' - NEW HAZELNUT SELECTIONS FOR INDUSTRY. Acta Horticulturae, 2013, , 197-200.	0.2	0
62	ESTABLISHING OF THE OFFSPRING TRANSMISSION CAPACITY OF SOME CHARACTERS FOR HAZELNUT. Acta Horticulturae, 1997, , 55-64.	0.2	0