Massimo Cecchini

List of Publications by Year
in descending order

73	1,571	304368	329751
papers	citations	22 h-index	37 g-index

78	78	78	1625
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Caring of the Fringe? Mediterranean Desertification between Peri-Urban Ecology and Socioeconomics. Sustainability, 2022, 14, 1426.	1.6	0
2	Design, Manufacturing, and Strength Test of a 4-post ROPS Fitted on a Very Low-Profile Tractor (TRACLAS Project). Lecture Notes in Civil Engineering, 2022, , 468-476.	0.3	0
3	Smart Machinery and Devices for Reducing Risks from Human-Machine Interference in Agriculture: A Review. Lecture Notes in Civil Engineering, 2022, , 195-204.	0.3	3
4	A Survey on Safety Among Tree-Climber Professional Arborists. Lecture Notes in Civil Engineering, 2022, , 357-364.	0.3	1
5	Comparison of Whole-Body-Vibration Exposure Between Quarry and Farm Activities. Lecture Notes in Civil Engineering, 2022, , 242-251.	0.3	0
6	Extra Virgin Olive Oil from Destoned Fruits to Improve the Quality of the Oil and Environmental Sustainability. Foods, 2022, 11, 1479.	1.9	3
7	Soil Compaction in Harvesting Operations of Phalaris arundinacea L.. Land, 2022, 11, 1031.	1.2	1
8	Preliminary Investigation on Systems for the Preventive Diagnosis of Faults on Agricultural Operating Machines. Sensors, 2021, 21, 1547.	2.1	11
9	An Industrial Scale, Mechanical Process for Improving Pellet Quality and Biogas Production from Hazelnut and Olive Pruning. Energies, 2021, 14, 1600.	1.6	9
10	Moving toward the north? The spatial shift of olive groves in Italy. Agricultural Economics (Czech) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	5
11	Tensile Strength of Ropes and Friction Hitch Used in Tree Climbing Work. Forests, 2021, 12, 1457.	0.9	1
12	WP3â€"Innovation in Agriculture and Forestry Sector for Energetic Sustainability. Energies, 2020, 13, 5985.	1.6	1
13	Environmental and Economic Analysis of an Anaerobic Co-Digestion Power Plant Integrated with a Compost Plant. Energies, 2020, 13, 2724.	1.6	16
14	Spatial Analysis for Detecting Recent Work Accidents in Agriculture in Italy. Lecture Notes in Civil Engineering, 2020, , 631-643.	0.3	0
15	A Survey on Rope-Based Ascending Techniques and Materials of Professional Arborists in Italy. , 2020, 3, .		2
16	Performance Analysis of a Small-Scale ORC Trigeneration System Powered by the Combustion of Olive Pomace. Energies, 2019, 12, 2279.	1.6	20
17	Housing and the City: A Spatial Analysis of Residential Building Activity and the Socio-Demographic Background in a Mediterranean City, 1990â€"2017. Sustainability, 2019, 11, 375.	1.6	8
18	Revolution 4.0: Industry vs. Agriculture in a Future Development for SMEs. Processes, 2019, 7, 36.	1.3	227

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19	A Time-Series Analysis of Climate Variability in Urban and Agricultural Sites (Rome, Italy). Agriculture (Switzerland), 2019, 9, 103.	1.4	11
20	Population Age Structure, Complex Socio-Demographic Systems and Resilience Potential: A Spatio-Temporal, Evenness-Based Approach. Sustainability, 2019, 11, 2050.	1.6	9
21	A Long-Term Analysis of Demographic Processes, Socioeconomic â€˜Modernizationâ€™ and Forest Expansion in a European Country. Sustainability, 2019, 11, 388.	1.6	5
22	Revolutionizing Towards Sustainable Agricultural Systems: The Role of Energy. Energies, 2019, 12, 3659.	1.6	7
23	Small-Scale Energy Conversion of Agro-Forestry Residues for Local Benefits and European Competitiveness. Sustainability, 2019, 11, 10.	1.6	4
24	Ultrasonic waves for materials evaluation in fatigue, thermal and corrosion damage: A review. Mechanical Systems and Signal Processing, 2019, 120, 32-42.	4.4	118
25	Urban sprawl and the â€˜oliveâ€™ landscape: sustainable land management for â€˜crisisâ€™ cities. Geo Journal, 2019, 84, 237-255.	1.7	110
26	Safety Knowledge and Changing Behavior in Agricultural Workers: an Assessment Model Applied in Central Italy. Safety and Health at Work, 2018, 9, 164-171.	0.3	30
27	In-Between Sprawl and Neo-Rurality: Sparse Settlements and the Evolution of Socio-Demographic Local Context in a Mediterranean Region. Sustainability, 2018, 10, 3670.	1.6	12
28	Smart Machines, Remote Sensing, Precision Farming, Processes, Mechatronic, Materials and Policies for Safety and Health Aspects. Agriculture (Switzerland), 2018, 8, 47.	1.4	23
29	Rethinking Sustainability within the Viticulture Realities Integrating Economy, Landscape and Energy. Sustainability, 2018, 10, 320.	1.6	45
30	Solar Radiation Distribution inside a Greenhouse Prototypal with Photovoltaic Mobile Plant and Effects on Flower Growth. Sustainability, 2018, 10, 855.	1.6	30
31	Identification of Optimal Mechanization Processes for Harvesting Hazelnuts Based on Geospatial Technologies in Sicily (Southern Italy). Agriculture (Switzerland), 2017, 7, 56.	1.4	10
32	Innovative Solution for Reducing the Run-Down Time of the Chipper Disc Using a Brake Clamp Device. Agriculture (Switzerland), 2017, 7, 71.	1.4	10
33	Mechatronic Solutions for the Safety of Workers Involved in the Use of Manure Spreader. Agriculture (Switzerland), 2017, 7, 95.	1.4	4
34	An Innovative Agro-Forestry Supply Chain for Residual Biomass: Physicochemical Characterisation of Biochar from Olive and Hazelnut Pellets. Energies, 2016, 9, 526.	1.6	50
35	Near-infrared spectroscopy for detection of hailstorm damage on olive fruit. Postharvest Biology and Technology, 2016, 120, 204-212.	2.9	33
36	Perspective and potential of CO 2 : A focus on potentials for renewable energy conversion in the Mediterranean basin. Renewable Energy, 2016, 90, 248-256.	4.3	26

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37	Urban green spaces activities: A preparatory groundwork for a safety management system. Journal of Safety Research, 2016, 56, 75-82.	1.7	19
38	Review: Recent Advances in the Use of Non-Destructive near Infrared Spectroscopy for Intact Olive Fruits. Journal of Near Infrared Spectroscopy, 2015, 23, 197-208.	0.8	17
39	Analysis of internal shading degree to a prototype of dynamics photovoltaic greenhouse through simulation software. Journal of Agricultural Engineering, 2015, 46, 144.	0.7	15
40	Lattice Compatibility Theory LCT investigations on sulfur-oxygen substitution during Sb2S3-Sb2O3crystals growth. Materials Research Express, 2015, 2, 035903.	0.8	3
41	Hazelnut Quality Sorting Using High Dynamic Range Short-Wave Infrared Hyperspectral Imaging. Food and Bioprocess Technology, 2015, 8, 1593-1604.	2.6	39
42	Automated determination of poplar chip size distribution based on combined image and multivariate analyses. Biomass and Bioenergy, 2015, 73, 1-10.	2.9	32
43	Near infrared spectroscopy is suitable for the classification of hazelnuts according to Protected Designation of Origin. Journal of the Science of Food and Agriculture, 2015, 95, 2619-2625.	1.7	31
44	Prospective for hazelnut cultivation small energetic plants outcome in Turkey: Optimization and inspiration from an Italian model. Renewable Energy, 2015, 74, 523-527.	4.3	6
45	Feasibility of NIR spectroscopy to detect olive fruit infested by Bactrocera oleae. Postharvest Biology and Technology, 2015, 99, 58-62.	2.9	51
46	The heat stress for workers employed in a dairy farm. Journal of Agricultural Engineering, 2014, 44, 170.	0.7	16
47	Nondestructive detection of insect infested chestnuts based on NIR spectroscopy. Postharvest Biology and Technology, 2014, 87, 88-94.	2.9	63
48	Detection of Mold-Damaged Chestnuts by Near-Infrared Spectroscopy. Postharvest Biology and Technology, 2014, 93, 83-90.	2.9	41
49	A model for musculoskeletal disorder-related fatigue in upper limb manipulation during industrial vegetables sorting. International Journal of Industrial Ergonomics, 2014, 44, 601-605.	1.5	42
50	Feasibility of Vis/NIR spectroscopy for detection of flaws in hazelnut kernels. Journal of Food Engineering, 2013, 118, 1-7.	2.7	37
51	Effect of alternative postharvest control treatments on the storability of â€˜Golden Deliciousâ€™ apples. Journal of the Science of Food and Agriculture, 2013, 93, 2691-2697.	1.7	18
52	Near-infrared spectroscopy is feasible to discriminate hazelnut cultivars. Journal of Agricultural Engineering, 2013, 44, .	0.7	0
53	Assessment of the energetic potential by hazelnuts pruning in Viterboâ€™s area. Journal of Agricultural Engineering, 2013, 44, .	0.7	2
54	The risk of musculoskeletal disorders due to repetitive movements of upper limbs for workers employed in hazelnut sorting. Journal of Agricultural Engineering, 2013, 44, .	0.7	11

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55	Study on the possibility of application of a compact roll over protective structure for agricultural wheeled narrow track tractors. Journal of Agricultural Engineering, 2013, 44, .	0.7	4
56	Near-infrared spectroscopy is feasible to discriminate hazelnut cultivars. Journal of Agricultural Engineering, 2013, 44, .	0.7	2
57	Characterization of Biomass Emissions and Potential Reduction in Small-Scale Pellet Boiler. Lecture Notes in Computer Science, 2013, , 192-206.	1.0	7
58	Use of Semi-transparent Photovoltaic Films as Shadowing Systems in Mediterranean Greenhouses. Lecture Notes in Computer Science, 2013, , 231-241.	1.0	8
59	Photovoltaic Pumps: Technical and Practical Aspects for Applications in Agriculture. Mathematical Problems in Engineering, 2012, 2012, 1-19.	0.6	4
60	Energy Characterization and Gasification of Biomass Derived by Hazelnut Cultivation: Analysis of Produced Syngas by Gas Chromatography. Mathematical Problems in Engineering, 2012, 2012, 1-9.	0.6	35
61	The Semitransparent Photovoltaic Films for Mediterranean Greenhouse: A New Sustainable Technology. Mathematical Problems in Engineering, 2012, 2012, 1-14.	0.6	37
62	Maintaining the quality of unripe, fresh hazelnuts through storage under modified atmospheres. Postharvest Biology and Technology, 2012, 65, 33-38.	2.9	38
63	Quantification of lead and cadmium in poultry and bird game meat by square-wave anodic-stripping voltammetry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2011, 28, 180-188.	1.1	3
64	Effects of controlled atmospheres and low temperature on storability of chestnuts manually and mechanically harvested. Postharvest Biology and Technology, 2011, 61, 131-136.	2.9	53
65	Plant for the Production of Chips and Pellet: Technical and Economic Aspects of an Case Study in the Central Italy. Lecture Notes in Computer Science, 2011, , 296-306.	1.0	18
66	Chemical characterization and biological effects of immature durum wheat in rats. Journal of Cereal Science, 2006, 43, 129-136.	1.8	20
67	THE INFLUENCE OF MECHANICAL HARVESTING ON THE QUALITY OF CHESTNUTS: EXPERIENCES IN THE MONTI CIMINI AREA. Acta Horticulturae, 2003, , 611-616.	0.1	1
68	Optimizing the energy conversion process: an application to a biomass gasifier-Stirling engine coupling system. Applied Mathematical Sciences, 0, 7, 6931-6944.	0.0	4
69	An overview of risk assessment for tree climber arborists. Contemporary Engineering Sciences, 0, 8, 1171-1177.	0.2	11
70	Overview of the noise measurements process in recent years. Contemporary Engineering Sciences, 0, 8, 1179-1191.	0.2	5
71	Comparison between different protective devices for agricultural wheeled narrow track tractors and a risk index in orchard work. Contemporary Engineering Sciences, 0, 8, 1205-1213.	0.2	2
72	Chemical risk assessment for workers employed in the wine sector. Contemporary Engineering Sciences, 0, 8, 1193-1203.	0.2	0

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73	Measurement of the sound power of a self propelled nut harvester. Contemporary Engineering Sciences, 0, 8, 1433-1447.	0.2	1