

Lisa Caturegli

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

356
citations

840776

11
h-index

839539

18
g-index

31
all docs

31
docs citations

31
times ranked

372
citing authors

#	ARTICLE	IF	CITATIONS
1	Unmanned Aerial Vehicle to Estimate Nitrogen Status of Turfgrasses. PLoS ONE, 2016, 11, e0158268.	2.5	82
2	Normalized Difference Vegetation Index versus Dark Green Colour Index to estimate nitrogen status on bermudagrass hybrid and tall fescue. International Journal of Remote Sensing, 2020, 41, 455-470.	2.9	34
3	GeoEye-1 satellite versus ground-based multispectral data for estimating nitrogen status of turfgrasses. International Journal of Remote Sensing, 2015, 36, 2238-2251.	2.9	24
4	Autonomous Mower Saves Energy and Improves Quality of Tall Fescue Lawn. HortTechnology, 2016, 26, 825-830.	0.9	23
5	Autonomous Mower vs. Rotary Mower: Effects on Turf Quality and Weed Control in Tall Fescue Lawn. Agronomy, 2018, 8, 15.	3.0	22
6	Effects of water stress on spectral reflectance of bermudagrass. Scientific Reports, 2020, 10, 15055.	3.3	21
7	Assessment of the Cutting Performance of a Robot Mower Using Custom Built Software. Agronomy, 2019, 9, 230.	3.0	14
8	Reflectance, absorbance and transmittance spectra of bermudagrass and manilagrass turfgrass canopies. PLoS ONE, 2017, 12, e0188080.	2.5	13
9	Autonomous Mowers Working in Narrow Spaces: A Possible Future Application in Agriculture?. Agronomy, 2020, 10, 553.	3.0	12
10	Spectral Reflectance of Tall Fescue (Festuca Arundinacea Schreb.) Under Different Irrigation and Nitrogen Conditions. Agriculture and Agricultural Science Procedia, 2015, 4, 59-67.	0.6	11
11	Turfgrass spectral reflectance: simulating satellite monitoring of spectral signatures of main C3 and C4 species. Precision Agriculture, 2015, 16, 297-310.	6.0	11
12	Energetic Aspects of Turfgrass Mowing: Comparison of Different Rotary Mowing Systems. Agriculture (Switzerland), 2019, 9, 178.	3.1	11
13	Autonomous Mowing and Turf-Type Bermudagrass as Innovations for An Environment-Friendly Floor Management of a Vineyard in Coastal Tuscany. Agriculture (Switzerland), 2020, 10, 189.	3.1	11
14	Carbohydrate Metabolism During Wintering Period in Four Zoysiagrass Genotypes. Plant Production Science, 2015, 18, 43-51.	2.0	9
15	Phenotypic traits and establishment speed of 44 turf bermudagrass accessions. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2014, 64, 722-733.	0.6	8
16	Autonomous Mowing and Complete Floor Cover for Weed Control in Vineyards. Agronomy, 2021, 11, 538.	3.0	7
17	Autonomous Rotary Mower versus Ordinary Reel Mower – Effects of Cutting Height and Nitrogen Rate on Manila Grass Turf Quality. HortTechnology, 2018, 28, 509-515.	0.9	5
18	Robotic Mowing of Tall Fescue at 90 mm Cutting Height: Random Trajectories vs. Systematic Trajectories. Agronomy, 2021, 11, 2567.	3.0	5

#	ARTICLE	IF	CITATIONS
19	Seashore paspalum in the Mediterranean transition zone: phenotypic traits of twelve accessions during and after establishment. Italian Journal of Agronomy, 2017, 12, .	1.0	4
20	Zoysiagrass (Zoysia spp. Willd.) for European Lawns: a Review. Italian Journal of Agronomy, 0, 11, .	1.0	4
21	Use of Flaming to Control Weeds in "Patriot"™ Hybrid Bermudagrass. HortTechnology, 2018, 28, 843-850.	0.9	4
22	Trampling Analysis of Autonomous Mowers: Implications on Garden Designs. AgriEngineering, 2022, 4, 592-605.	3.2	4
23	Steaming and Flaming for Converting Cool-season Turfgrasses to Hybrid Bermudagrass in Untilled Soil. HortTechnology, 2017, 27, 682-689.	0.9	3
24	The Effect of Increasing Application Rates of Nine Plant Growth Regulators on the Turf and Stolon Characteristics of Pot-grown "Patriot"™ Hybrid Bermudagrass. HortTechnology, 2015, 25, 397-404.	0.9	3
25	Effects of close cutting on ground cover and quality of a polystand of Manilagrass and cool season turfgrasses. Italian Journal of Agronomy, 2019, 14, 59-65.	1.0	2
26	Flaming to control weeds in seashore paspalum (Paspalum vaginatum Sw.) turfgrass. Journal of Agricultural Engineering, 2019, 50, 105-112.	1.5	2
27	A comparison of remote and proximity sensing techniques in the monitoring of nitrogen status of turfgrasses. , 2019, , .		2
28	A multifunctional alternative lawn where warm-season grass and cold-season flowers coexist. Landscape and Ecological Engineering, 2020, 16, 307-317.	1.5	2
29	St. Augustinegrass accessions planted in northern, central and southern Italy: Growth and morphological traits during establishment. Italian Journal of Agronomy, 2018, , 332-337.	1.0	1
30	Comparison between Different Rotary Mowing Systems: Testing a New Method to Calculate Turfgrass Mowing Quality. Agriculture (Switzerland), 2018, 8, 152.	3.1	1
31	Hot Foam and Nitrogen Application to Promote Spring Transition of "Diamond" Zoysiagrass (Zoysia) Tj ETQq1_1_0.784314 rgBT	3.0	1