

# Agata Novara

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

3,963  
citations

156536

32  
h-index

134545

62  
g-index

64  
all docs

64  
docs citations

64  
times ranked

4892  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rethinking vineyard ground management to counter soil tillage erosion. <i>Soil and Tillage Research</i> , 2022, 217, 105275.	2.6	8
2	Effect of Standard Disk Plough on Soil Translocation in Sloping Sicilian Vineyards. <i>Land</i> , 2022, 11, 148.	1.2	2
3	Examining the Effectiveness of Catch Crops as a Nature-Based Solution to Mitigate Surface Soil and Water Losses as an Environmental Regional Concern. <i>Earth Systems and Environment</i> , 2022, 6, 29-44.	3.0	15
4	Climate Smart Regenerative Agriculture to Produce Sustainable Beauty Products: The Case Study of Snail Secretion Filtrate (LX360A®). <i>Sustainability</i> , 2022, 14, 2367.	1.6	2
5	Cover crop management and water conservation in vineyard and olive orchards. <i>Soil and Tillage Research</i> , 2021, 208, 104896.	2.6	105
6	No till soil organic carbon sequestration could be overestimated when slope effect is not considered. <i>Science of the Total Environment</i> , 2021, 757, 143758.	3.9	9
7	Long-term monitoring of soil bulk density and erosion rates in two <i>Prunus Persica</i> (L) plantations under flood irrigation and glyphosate herbicide treatment in La Ribera district, Spain. <i>Journal of Environmental Management</i> , 2021, 282, 111965.	3.8	26
8	Rainfall and water yield in Macizo del Caroig, Eastern Iberian Peninsula. Event runoff at plot scale during a rare flash flood at the Barranco de Benacancel. <i>Cuadernos De Investigacion Geografica</i> , 2021, 47, 95-119.	0.6	26
9	The role of soils in regulation and provision of blue and green water. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200175.	1.8	45
10	Aridity index, soil erosion and climate drive no-till ecosystem services trade-off in Mediterranean arable land. <i>Catena</i> , 2021, 203, 105350.	2.2	5
11	Long-term non-sustainable soil erosion rates and soil compaction in drip-irrigated citrus plantation in Eastern Iberian Peninsula. <i>Science of the Total Environment</i> , 2021, 787, 147549.	3.9	19
12	Cover Crop and Pruning Residue Management to Reduce Nitrogen Mineral Fertilization in Mediterranean Vineyards. <i>Agronomy</i> , 2021, 11, 164.	1.3	12
13	Soil organic carbon stocks under recommended management practices in different soils of semiarid vineyards. <i>Land Degradation and Development</i> , 2020, 31, 1906-1914.	1.8	8
14	Cover Crop Impact on Soil Organic Carbon, Nitrogen Dynamics and Microbial Diversity in a Mediterranean Semiarid Vineyard. <i>Sustainability</i> , 2020, 12, 3256.	1.6	30
15	Soil Carbon Budget Account for the Sustainability Improvement of a Mediterranean Vineyard Area. <i>Agronomy</i> , 2020, 10, 336.	1.3	17
16	Tillage Versus No-Tillage. Soil Properties and Hydrology in an Organic Persimmon Farm in Eastern Iberian Peninsula. <i>Water (Switzerland)</i> , 2020, 12, 1539.	1.2	39
17	Durum wheat yield uncertainty under different tillage management practices and climatic conditions. <i>Soil and Tillage Research</i> , 2019, 194, 104346.	2.6	9
18	Carbon stock increases up to old growth forest along a secondary succession in Mediterranean island ecosystems. <i>PLoS ONE</i> , 2019, 14, e0220194.	1.1	24

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19	The Effect of Shallow Tillage on Soil Erosion in a Semi-Arid Vineyard. <i>Agronomy</i> , 2019, 9, 257.	1.3	42
20	Time Scale Effects and Interactions of Rainfall Erosivity and Cover Management Factors on Vineyard Soil Loss Erosion in the Semi-Arid Area of Southern Sicily. <i>Water (Switzerland)</i> , 2019, 11, 978.	1.2	40
21	Root growth and soil carbon turnover in <i>Opuntia ficus-indica</i> as affected by soil volume availability. <i>European Journal of Agronomy</i> , 2019, 105, 104-110.	1.9	16
22	Real cover crops contribution to soil organic carbon sequestration in sloping vineyard. <i>Science of the Total Environment</i> , 2019, 652, 300-306.	3.9	77
23	Long-term organic farming on a citrus plantation results in soil organic carbon recovery. <i>Cuadernos De Investigacion Geografica</i> , 2019, 45, 271-286.	0.6	61
24	No-till durum wheat yield success probability in semi arid climate: A methodological framework. <i>Soil and Tillage Research</i> , 2018, 181, 29-36.	2.6	14
25	The impact of soil erosion on soil fertility and vine vigor. A multidisciplinary approach based on field, laboratory and remote sensing approaches. <i>Science of the Total Environment</i> , 2018, 622-623, 474-480.	3.9	75
26	Long-term impact of rainfed agricultural land abandonment on soil erosion in the Western Mediterranean basin. <i>Progress in Physical Geography</i> , 2018, 42, 202-219.	1.4	99
27	The superior effect of nature based solutions in land management for enhancing ecosystem services. <i>Science of the Total Environment</i> , 2018, 610-611, 997-1009.	3.9	606
28	Soil Physical Quality of Citrus Orchards Under Tillage, Herbicide, and Organic Managements. <i>Pedosphere</i> , 2018, 28, 463-477.	2.1	58
29	Effects of parent material on soil erosion within Mediterranean new vineyard plantations. <i>Engineering Geology</i> , 2018, 246, 255-261.	2.9	23
30	The Impact of the Age of Vines on Soil Hydraulic Conductivity in Vineyards in Eastern Spain. <i>Water (Switzerland)</i> , 2018, 10, 14.	1.2	18
31	Sustainable vineyard floor management: An equilibrium between water consumption and soil conservation. <i>Current Opinion in Environmental Science and Health</i> , 2018, 5, 33-37.	2.1	28
32	Nitrogen losses in vineyards under different types of soil groundcover. A field runoff simulator approach in central Spain. <i>Agriculture, Ecosystems and Environment</i> , 2017, 236, 256-267.	2.5	109
33	Short-term low-severity spring grassland fire impacts on soil extractable elements and soil ratios in Lithuania. <i>Science of the Total Environment</i> , 2017, 578, 469-475.	3.9	41
34	Agricultural land abandonment in Mediterranean environment provides ecosystem services via soil carbon sequestration. <i>Science of the Total Environment</i> , 2017, 576, 420-429.	3.9	107
35	Stakeholders' Perceptions about Fire Impacts on Lithuanian Protected Areas. <i>Land Degradation and Development</i> , 2016, 27, 871-883.	1.8	28
36	Short-term Vegetation Recovery after a Grassland Fire in Lithuania: The Effects of Fire Severity, Slope Position and Aspect. <i>Land Degradation and Development</i> , 2016, 27, 1523-1534.	1.8	57

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37	Long-term Durum Wheat-Based Cropping Systems Result in the Rapid Saturation of Soil Carbon in the Mediterranean Semi-arid Environment. <i>Land Degradation and Development</i> , 2016, 27, 612-619.	1.8	33
38	Use of barley straw residues to avoid high erosion and runoff rates on persimmon plantations in Eastern Spain under low frequency-high magnitude simulated rainfall events. <i>Soil Research</i> , 2016, 54, 154.	0.6	174
39	Carbon input threshold for soil carbon budget optimization in eroding vineyards. <i>Geoderma</i> , 2016, 271, 144-149.	2.3	78
40	The impact of <i>Carpobrotus</i> cfr. <i>acinaciformis</i> (L.) L. Bolus on soil nutrients, microbial communities structure and native plant communities in Mediterranean ecosystems. <i>Plant and Soil</i> , 2016, 409, 19-34.	1.8	33
41	The immediate effectiveness of barley straw mulch in reducing soil erodibility and surface runoff generation in Mediterranean vineyards. <i>Science of the Total Environment</i> , 2016, 547, 323-330.	3.9	324
42	Effects of soil management techniques on soil water erosion in apricot orchards. <i>Science of the Total Environment</i> , 2016, 551-552, 357-366.	3.9	341
43	Actual provision as an alternative criterion to improve the efficiency of payments for ecosystem services for C sequestration in semiarid vineyards. <i>Agricultural Systems</i> , 2016, 144, 58-64.	3.2	59
44	Understanding the role of soil erosion on CO <sub>2</sub> loss using <sup>13</sup> C isotopic signatures in abandoned Mediterranean agricultural land. <i>Science of the Total Environment</i> , 2016, 550, 330-336.	3.9	90
45	Long-term Tillage and Cropping System Effects on Chemical and Biochemical Characteristics of Soil Organic Matter in a Mediterranean Semiarid Environment. <i>Land Degradation and Development</i> , 2015, 26, 45-53.	1.8	111
46	Towards More Efficient Incentives for Agri-environment Measures in Degraded and Eroded Vineyards. <i>Land Degradation and Development</i> , 2015, 26, 557-564.	1.8	57
47	Litter contribution to soil organic carbon in the processes of agriculture abandon. <i>Solid Earth</i> , 2015, 6, 425-432.	1.2	81
48	Afforestation and Reforestation: The Sicilian Case Study. <i>Environmental Science and Engineering</i> , 2015, , 173-184.	0.1	1
49	Effect of cactus pear cultivation after Mediterranean maquis on soil carbon stock, <sup>13</sup> C spatial distribution and root turnover. <i>Catena</i> , 2014, 118, 84-90.	2.2	10
50	Relationship between recruitment and mother plant vitality in the alien species <i>Acacia cyclops</i> A. Cunn. ex G. Don. <i>Forest Ecology and Management</i> , 2014, 331, 237-244.	1.4	9
51	Dynamics of soil organic carbon pools after agricultural abandonment. <i>Geoderma</i> , 2014, 235-236, 191-198.	2.3	58
52	Soil carbon dynamics as affected by long-term contrasting cropping systems and tillages under semiarid Mediterranean climate. <i>Applied Soil Ecology</i> , 2014, 73, 140-147.	2.1	39
53	Carbon dynamics of soil organic matter in bulk soil and aggregate fraction during secondary succession in a Mediterranean environment. <i>Geoderma</i> , 2013, 193-194, 213-221.	2.3	53
54	From pedologic indications to archaeological reconstruction: deciphering land use in the Islamic period in the Baida district (north-western Sicily). <i>Journal of Archaeological Science</i> , 2013, 40, 2670-2685.	1.2	11

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55	Turnover and availability of soil organic carbon under different Mediterranean land uses as estimated by $^{13}\text{C}$ natural abundance. <i>European Journal of Soil Science</i> , 2013, 64, 466-475.	1.8	31
56	Managing soil nitrate with cover crops and buffer strips in Sicilian vineyards. <i>Solid Earth</i> , 2013, 4, 255-262.	1.2	128
57	Grassland fire effect on soil organic carbon reservoirs in a semiarid environment. <i>Solid Earth</i> , 2013, 4, 381-385.	1.2	37
58	Paired-site approach for studying soil organic carbon dynamics in a Mediterranean semiarid environment. <i>Catena</i> , 2012, 89, 1-7.	2.2	62
59	Effects of soil compaction, rain exposure and their interaction on soil carbon dioxide emission. <i>Earth Surface Processes and Landforms</i> , 2012, 37, 994-999.	1.2	32
60	Long-term cropping systems and tillage management effects on soil organic carbon stock and steady state level of C sequestration rates in a semiarid environment. <i>Land Degradation and Development</i> , 2012, 23, 82-91.	1.8	105
61	Impact of woody encroachment on soil organic carbon and nitrogen in abandoned agricultural lands along a rainfall gradient in Italy. <i>Regional Environmental Change</i> , 2011, 11, 917-924.	1.4	43
62	The impact of fire on redistribution of soil organic matter on a mediterranean hillslope under maquia vegetation type. <i>Land Degradation and Development</i> , 2011, 22, 530-536.	1.8	56
63	Straw uses trade-off only after soil organic carbon steady-state. <i>Italian Journal of Agronomy</i> , 0, , 216-220.	0.4	5