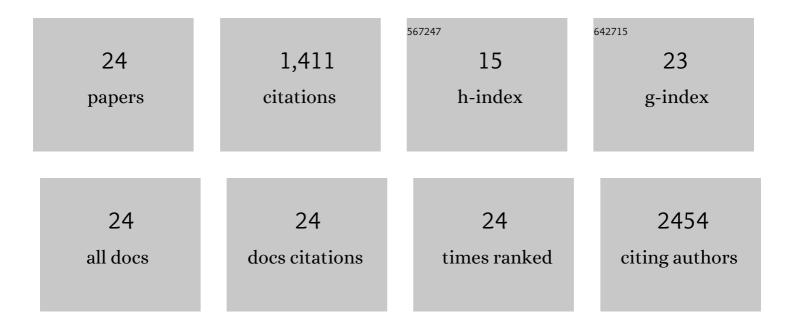
Olga Gavrichkova

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	REVIEW: Time lag between photosynthesis and carbon dioxide efflux from soil: a review of mechanisms and controls. Global Change Biology, 2010, 16, 3386-3406.	9.5	561
2	Carbon allocation and carbon isotope fluxes in the plant-soil-atmosphere continuum: a review. Biogeosciences, 2011, 8, 3457-3489.	3.3	289
3	Carbon input and allocation by rice into paddy soils: A review. Soil Biology and Biochemistry, 2019, 133, 97-107.	8.8	106
4	Investigating the European beech (<i>Fagus sylvatica</i> L.) leaf characteristics along the vertical canopy profile: leaf structure, photosynthetic capacity, light energy dissipation and photoprotection mechanisms. Tree Physiology, 2016, 36, 1060-1076.	3.1	55
5	Influence of defoliation on CO2 efflux from soil and microbial activity in a Mediterranean grassland. Agriculture, Ecosystems and Environment, 2010, 136, 87-96.	5.3	51
6	Ammonium versus nitrate nutrition of Zea mays and Lupinus albus: Effect on root-derived CO2 efflux. Soil Biology and Biochemistry, 2008, 40, 2835-2842.	8.8	48
7	Authentication and traceability of Italian extra-virgin olive oils by means of stable isotopes techniques. Food Chemistry, 2014, 164, 12-16.	8.2	39
8	Emission of constitutive isoprene, induced monoterpenes, and other volatiles under high temperatures in <i>Eucalyptus camaldulensis</i> : A ¹³ C labelling study. Plant, Cell and Environment, 2019, 42, 1929-1938.	5.7	37
9	Winter's bite: beech trees survive complete defoliation due to spring lateâ€frost damage by mobilizing old C reserves. New Phytologist, 2019, 224, 625-631.	7.3	36
10	Carbon and nitrogen allocation strategy in Posidonia oceanica is altered by seawater acidification. Science of the Total Environment, 2017, 607-608, 954-964.	8.0	33
11	Respiration costs associated with nitrate reduction as estimated by 14CO2 pulse labeling of corn at various growth stages. Plant and Soil, 2010, 329, 433-445.	3.7	25
12	The above-belowground coupling of the C cycle: fast and slow mechanisms of C transfer for root and rhizomicrobial respiration. Plant and Soil, 2017, 410, 73-85.	3.7	23
13	Bacterial community succession in paddy soil depending on rice fertilization. Applied Soil Ecology, 2019, 144, 92-97.	4.3	23
14	Secondary soil salinization in urban lawns: Microbial functioning, vegetation state, and implications for carbon balance. Land Degradation and Development, 2020, 31, 2591-2604.	3.9	19
15	Short-term natural Î' ¹³ C and Î' ¹⁸ O variations in pools and fluxes in a beech forest: the transfer of isotopic signal from recent photosynthates to soil respired CO&:lt:sub&:gt:2&:lt:/sub&:gt:. Biogeosciences. 2011. 8. 2833-2846.	3.3	18
16	Diversity and Source of Airborne Microbial Communities at Differential Polluted Sites of Rome. Atmosphere, 2022, 13, 224.	2.3	11
17	Effects of rain shortage on carbon allocation, pools and fluxes in a Mediterranean shrub ecosystem – a 13C labelling field study. Science of the Total Environment, 2018, 627, 1242-1252.	8.0	8
18	When the Mediterranean becomes harsh: Heat pulses strongly affect C allocation in plant-soil-atmosphere continuum in Eucalyptus camaldulensis. Environmental and Experimental Botany, 2019, 162, 181-191.	4.2	8

#	Article	IF	CITATIONS
19	Direct phloem transport and pressure concentration waves in linking shoot and rhizosphere activity Plant and Soil, 2012, 351, 23-30.	3.7	6
20	Microscopic Fungi in Big Cities: Biodiversity, Source, and Relation to Pollution by Potentially Toxic Metals. Atmosphere, 2021, 12, 1471.	2.3	6
21	Does long-term warming affect C and N allocation in a Mediterranean shrubland ecosystem? Evidence from a 13C and 15N labeling field study. Environmental and Experimental Botany, 2017, 141, 170-180.	4.2	5
22	Phylloplane Biodiversity and Activity in the City at Different Distances from the Traffic Pollution Source. Plants, 2022, 11, 402.	3.5	3
23	Effects of the Road Deicing Practices on Gas Exchange Parameters in Urban Lawn Ecosystems. Springer Geography, 2020, , 45-51.	0.4	1
24	Comparative Study of Soil Respiration Partitioning Methods for Herbaceous Ecosystems. Springer Geography, 2019, , 106-111.	0.4	0