Olga A Muter

List of Publications by Year
in descending order

37	498	759055 12	677027 22
papers	citations	h-index	g-index

42	42	42	666
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interrelations of the yeast Candida utilis and Cr(VI): metal reduction and its distribution in the cell and medium. Process Biochemistry, 2001, 36, 963-970.	1.8	70
2	Removal of pharmaceuticals from municipal wastewaters at laboratory scale by treatment with activated sludge and biostimulation. Science of the Total Environment, 2017, 584-585, 402-413.	3.9	50
3	Application of FT-IR spectroscopy for control of the medium composition during the biodegradation of nitro aromatic compounds. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 1545-1549.	1.4	45
4	The role of nutrients in the biodegradation of 2,4,6-trinitrotoluene in liquid andÂsoil. Journal of Environmental Management, 2012, 98, 51-55.	3.8	43
5	The effects of ibuprofen on activated sludge: Shift in bacterial community structure and resistance to ciprofloxacin. Journal of Hazardous Materials, 2017, 340, 291-299.	6.5	37
6	Cr(VI) sorption by intact and dehydrated Candida utilis cells in the presence of other metals. Process Biochemistry, 2002, 38, 123-131.	1.8	35
7	The effects of woodchip- and straw-derived biochars on the persistence of the herbicide 4-chloro-2-methylphenoxyacetic acid (MCPA) in soils. Ecotoxicology and Environmental Safety, 2014, 109, 93-100.	2.9	35
8	MICROBIAL COMMUNITY CHANGES IN TNT SPIKED SOIL BIOREMEDIATION TRIAL USING BIOSTIMULATION, PHYTOREMEDIATION AND BIOAUGMENTATION. Journal of Environmental Engineering and Landscape Management, 2013, 21, 153-162.	0.4	33
9	Cr(VI) sorption by intact and dehydrated Candida utilis cells: differences in mechanisms. Process Biochemistry, 2001, 37, 505-511.	1.8	16
10	Metabolic response of bacteria to elevated concentrations of glyphosate-based herbicide. Ecotoxicology and Environmental Safety, 2019, 173, 373-380.	2.9	16
11	Determination of pharmaceutical residues and assessment of their removal efficiency at the Daugavgriva municipal wastewater treatment plant in Riga, Latvia. Water Science and Technology, 2017, 75, 387-396.	1.2	13
12	Wooden biochar as a carrier for endophytic isolates. Rhizosphere, 2017, 3, 126-127.	1.4	12
13	Advanced analytical techniques based on high-resolution mass spectrometry for the detection of micropollutants and their toxicity in aquatic environments. Current Opinion in Environmental Science and Health, 2020, 18, 1-6.	2.1	12
14	Effect of plant extract on the degradation of nitroaromatic compounds by soil microorganisms. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 1539-1543.	1.4	11
15	Distinguishing the roles of carrier and biofilm in filtering media for the removal of pharmaceutical compounds from wastewater. Chemical Engineering Research and Design, 2017, 111, 462-474.	2.7	9
16	Antimicrobial Properties of the Modified Cotton Textiles by the Sol-Gel Technology. Advanced Materials Research, 0, 1117, 213-216.	0.3	7
17	Stimulation of sewage sludge treatment by carbon sources and bioaugmentation with a sludge-derived microbial consortium. Science of the Total Environment, 2021, 783, 146989.	3.9	6
18	Selective enrichment of heterotrophic nitrifiers Alcaligenaceae and Alcanivorax spp. from industrial wastewaters. AIMS Microbiology, 2020, 6, 32-42.	1.0	6

#	Article	IF	Citations
19	Toxicity assessment and biodegradation potential of water-soluble sludge containing 2,4,6-trinitrotoluene. Water Science and Technology, 2013, 68, 1707-1714.	1.2	5
20	The impact of wood-derived biochar on the survival of Trichoderma spp. and growth of Secale cereale L.Âin sandy soil. Biocontrol Science and Technology, 2018, 28, 341-358.	0.5	5
21	Evaluation of Suitability of Treated Sewage Sludge for Maize Cultivation. Key Engineering Materials, 0, 850, 159-165.	0.4	5
22	Evaluation of the changes induced by gasification biochar in a peat-sand substrate. International Agrophysics, 2014, 28, .	0.7	4
23	Optimization of Nitrification Process by a Bacterial Consortium in the Submerged Biofiltration System with Ceramic Bead Carrier. Journal of Microbial & Biochemical Technology, 2014, 06, .	0.2	3
24	Modeling the mobility of glyphosate from two contrasting agricultural soils in laboratory column experiments. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2019, 54, 539-548.	0.7	3
25	Evaluation of Sewage Sludge for Further Nutrient Conservation. Key Engineering Materials, 2020, 850, 166-171.	0.4	2
26	Potato pulp as a composting substrate. Zemdirbyste, 2014, 101, 57-66.	0.3	2
27	Effect of humic-rich peat extract on plant growth and microbial activity in contaminated soil / Ar humusvielÄ▪m bagÄ‡ta kÅ«dras ekstrakta ietekme uz augu augÅ¡anu un mikroorganismu aktivitÄ‡ti piesÄ▪rÅ†otÄ•augsnÄ“. Materials Science and Applied Chemistry, 2015, 32, .	0.2	1
28	Evaluation of Glyphosate Ecotoxicity and Biodegradability in the Municipal Wastewaters. Key Engineering Materials, 2018, 762, 75-80.	0.4	1
29	Bacterial and archaeal community structure in benthic sediments from glacial lakes at the MÃºlajÃ¶kull Glacier, central Iceland. Polar Biology, 2020, 43, 2085-2099.	0.5	1
30	Characteristics of a Ceramic Carrier after Wastewater Treatment Process in the Model Column Cascade with Ethanol Addition. Open Biotechnology Journal, 2015, 9, 76-84.	0.6	1
31	Effect of bioaugmentation on the growth and rhizosphere microbiome assembly of hydroponic cultures of Mentha aquatica. Ecological Genetics and Genomics, 2022, 22, 100107.	0.3	1
32	Influence of Bacteria <i>Pseudomonas fluorescens</i> on the Properties of Latvian Clay. Key Engineering Materials, 0, 604, 208-211.	0.4	0
33	Waterless Cleaning Compositions with Disinfection Properties: Efficacy and Environmental Aspects / BezÃ»dens TÃ®rÃ®Â°anas LÃ®dzekÃ¯ Ar DezinficÃ§joÃ°o IedarbÃ®bu: EfektivitÃ¢te Un ApkÃ¢rtÃ§jas Vides Aspekti. Proceedings of the Latvian Academy of Sciences, 2015, 69, 307-313.	0.0	0
34	Effect of Isothiocyanates on the Activity of <i>Lactobacillus plantarum</i> Exposed to Irradiation. Key Engineering Materials, 0, 850, 219-224.	0.4	0
35	Effect of hydrogen peroxide on the dehydrogenase and quinone-reductase activity of irradiated Lactobacillus plantarum cells. LWT - Food Science and Technology, 2020, 134, 110236.	2.5	0
36	Comparison of Paraffin and Diesel Oil as Cultivation Medium Supplements for Preparing a Hydrocarbon-Degrading Bacterial Biomass. Materials Science and Applied Chemistry, 2016, 33, .	0.2	0

#	Article	IF	Citations
37	Caesium-133 Accumulation by Freshwater Macrophytes: Partitioning of Translocated Ions and Enzyme Activity in Plants and Microorganisms. Sustainability, 2022, 14, 1132.	1.6	0