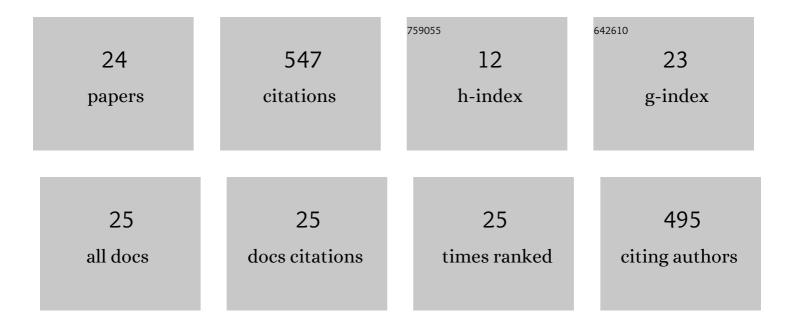
## Olga Sen'ko

List of Publications by Year in descending order

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OLCA SEN'KO

#	Article	IF	CITATIONS
1	"Nature-like―Cryoimmobilization of Phototrophic Microorganisms: New Opportunities for Their Long-Term Storage and Sustainable Use. Sustainability, 2022, 14, 661.	1.6	9
2	"Unity and Struggle of Opposites―as a Basis for the Functioning of Synthetic Bacterial Immobilized Consortium That Continuously Degrades Organophosphorus Pesticides. Microorganisms, 2022, 10, 1394.	1.6	13
3	Formation and use of anaerobic consortia for the biotransformation of sulfur-containing extracts from pre-oxidized crude oil and oil fractions. Bioresource Technology, 2021, 319, 124248.	4.8	17
4	Nanocatalysts for Oxidative Desulfurization of Liquid Fuel: Modern Solutions and the Perspectives of Application in Hybrid Chemical-Biocatalytic Processes. Catalysts, 2021, 11, 1131.	1.6	11
5	Suppression of Methane Generation during Methanogenesis by Chemically Modified Humic Compounds. Antioxidants, 2020, 9, 1140.	2.2	7
6	Metal Nanoparticles for Improving Bactericide Functionality of Usual Fibers. Nanomaterials, 2020, 10, 1724.	1.9	10
7	Optimization potential of anaerobic biocatalytic processes using intracellular ATP concentration as the main criterion for decision making. IOP Conference Series: Materials Science and Engineering, 2020, 848, 012080.	0.3	5
8	Immobilized Luminescent Bacteria for the Detection of Mycotoxins under Discrete and Flow-Through Conditions. Biosensors, 2019, 9, 63.	2.3	14
9	Long-Term Storage and Use of Artificially Immobilized Anaerobic Sludge as a Powerful Biocatalyst for Conversion of Various Wastes Including Those Containing Xenobiotics to Biogas. Catalysts, 2019, 9, 326.	1.6	51
10	A New Approach to Assess the Effect of Various Humic Compounds on the Metabolic Activity of Cells Participating in Methanogenesis. Sustainability, 2019, 11, 3158.	1.6	16
11	Prospective Approach to the Anaerobic Bioconversion of Benzo- and Dibenzothiophene Sulfones to Sulfide. Molecules, 2019, 24, 1736.	1.7	17
12	Production of various organic acids from different renewable sources by immobilized cells in the regimes of separate hydrolysis and fermentation (SHF) and simultaneous saccharification and fermentation (SFF). Bioresource Technology, 2019, 272, 1-9.	4.8	64
13	The Possibilities of Reducing the Minimal Inhibitory Concentration of Puromycin and Ceftiofur in Their Combination with His6-OPH-Based Biologics. Moscow University Chemistry Bulletin, 2018, 73, 298-302.	0.2	2
14	The Influence of Enzymatic Removal of Chlorpyrifos from Feed Grain Mixes on Biochemical Parameters of Rat Blood. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2018, 12, 181-185.	0.2	4
15	Aspartic and glutamic acids polymers: preparation and applications in medicinal chemistry and pharmaceutics. Russian Chemical Bulletin, 2018, 67, 614-623.	0.4	13
16	Biocatalytic production of extracellular exopolysaccharide dextran synthesized by cells of Leuconostoc mesenteroides. Catalysis in Industry, 2017, 9, 339-343.	0.3	7
17	Highly concentrated populations of Aureobasidium pullulans cells in biocatalytic pullulan production processes. Catalysis in Industry, 2017, 9, 344-348.	0.3	5
18	Intensification of Organophosphorus Hydrolase Synthesis by Using Substances with Gas-Transport Function. Applied Sciences (Switzerland), 2017, 7, 1305.	1.3	27

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#	Article	IF	CITATIONS
19	Optimization of the Use of His6-OPH-Based Enzymatic Biocatalysts for the Destruction of Chlorpyrifos in Soil. International Journal of Environmental Research and Public Health, 2017, 14, 1438.	1.2	40
20	Biosensors based on the luminous bacteria Photobaterium phosphoreum immobilized in polyvinyl alcohol cryogel for the monitoring of ecotoxicants. Applied Biochemistry and Microbiology, 2014, 50, 477-482.	0.3	11
21	Immobilized fungal biocatalysts for the production of cellulase complex hydrolyzing renewable plant feedstock. Catalysis in Industry, 2013, 5, 190-198.	0.3	8
22	Production of biofuels from pretreated microalgae biomass by anaerobic fermentation with immobilized Clostridium acetobutylicum cells. Bioresource Technology, 2012, 114, 342-348.	4.8	155
23	Biocatalysts based on immobilized cells of microorganisms in the production of bioethanol and biobutanol. Catalysis in Industry, 2011, 3, 41-46.	0.3	19
24	Effect of immobilization on the main dynamic characteristics of the enzymatic oxidation of methane to methanol by bacteria Methylosinus sporium B-2121. Russian Chemical Bulletin, 2008, 57, 1633-1636.	0.4	22