

# Ksenia N Sorokina

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

367  
citations

840776

11  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of biodiesel and succinic acid from the biomass of the microalga <i>Micractinium</i> sp. IC-44. <i>Bioresource Technology</i> , 2020, 317, 124026.	9.6	23
2	Direct Conversion of Microalgae Biomass to Formic Acid under an Air Atmosphere with Soluble and Solid MoVâ€“P Heteropoly Acid Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18947-18956.	6.7	20
3	Application of Bacterial Thermostable Lipolytic Enzymes in the Modern Biotechnological Processes: A Review. <i>Catalysis in Industry</i> , 2019, 11, 168-178.	0.7	10
4	Production of Microalgal Biomass with High Lipid Content and Their Catalytic Processing Into Biodiesel: a Review. <i>Catalysis in Industry</i> , 2019, 11, 349-359.	0.7	12
5	Cloning, expression and characterization of the esterase estUT1 from <i>Ureibacillus thermosphaericus</i> which belongs to a new lipase family XVIII. <i>Extremophiles</i> , 2018, 22, 271-285.	2.3	44
6	Screening and comparative metabolic profiling of high lipid content microalgae strains for application in wastewater treatment. <i>Bioresource Technology</i> , 2018, 250, 538-547.	9.6	57
7	Bioprospecting thermophilic glycosyl hydrolases, from hot springs of Himachal Pradesh, for biomass valorization. <i>AMB Express</i> , 2018, 8, 168.	3.0	11
8	Preparation of Stable Cross-Linked Enzyme Aggregates (CLEAs) of a <i>Ureibacillus thermosphaericus</i> Esterase for Application in Malathion Removal from Wastewater. <i>Catalysts</i> , 2018, 8, 154.	3.5	22
9	Enzymatic interesterification of sunflower oil and hydrogenated soybean oil with the immobilized bacterial recombinant lipase from <i>Geobacillus stearothermophilus</i> G3. <i>Catalysis in Industry</i> , 2017, 9, 62-70.	0.7	8
10	Cellulose Biorefinery Based on a Combined Catalytic and Biotechnological Approach for Production of 5â€“HMF and Ethanol. <i>ChemSusChem</i> , 2017, 10, 562-574.	6.8	28
11	New methods for the one-pot processing of polysaccharide components (cellulose and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 312 Td (h the biotechnological conversion of poly- and monosaccharides of biomass. <i>Catalysis in Industry</i> , 2017, 9, 270-276.	0.7	8
12	New methods for the one-pot processing of polysaccharide components (cellulose and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 312 Td (h approaches to the conversion of polysaccharides and monosaccharides into the valuable industrial chemicals. <i>Catalysis in Industry</i> , 2017, 9, 264-269.	0.7	6
13	New methods for the one-pot processing of polysaccharide components (cellulose and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 312 Td (h activation. <i>Catalysis in Industry</i> , 2016, 8, 176-186.	0.7	20
14	Prospects for application of enzymatic interesterification of oils in the production of modified fats. <i>Catalysis in Industry</i> , 2016, 8, 348-353.	0.7	6
15	Application of the immobilized bacterial recombinant lipase from <i>Geobacillus stearothermophilus</i> G3 for the production of fatty acid methyl esters. <i>Catalysis in Industry</i> , 2016, 8, 187-193.	0.7	13
16	Isolation of prospective microalgal strains with high saturated fatty acid content for biofuel production. <i>Algal Research</i> , 2015, 12, 368-376.	4.6	47
17	Research on the biodiversity of Western Siberia microalgae for third-generation biofuel production processes. <i>Russian Journal of Genetics: Applied Research</i> , 2013, 3, 487-492.	0.4	3
18	Potential of microalgae as a source of bioenergy. <i>Catalysis in Industry</i> , 2012, 4, 202-208.	0.7	15

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19	Evaluation of magnetic resonance imaging characteristics of new nitroxyl radicals on the model of RLS lymphoma. Bulletin of Experimental Biology and Medicine, 2007, 143, 240-243.	0.8	2
20	Imidazol-4-yl 2-Imidazoline Nitroxide Radicals, a New Class of Promising Contrast Agents for Magnetic Resonance Imaging. Doklady Chemistry, 2005, 404, 171-173.	0.9	12