# Ekaterina Anatolievna Skiba

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1867442/publications.pdf

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|---|---|---|---|
| 29 papers | 379 citations | 759233 12 h-index | 794594 19 g-index |
| 29 all docs | 29 docs citations | 29 times ranked | 363 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A technology for pilot production of bacterial cellulose from oat hulls. Chemical Engineering Journal, 2020, 383, 123128. | 12.7 | 57 |
| 2 | Producing Bioethanol from Miscanthus: Experience of Primary Scale-Up. Catalysis in Industry, 2020, 12, 155-161. | 0.7 | 3 |
| 3 | Preparing Nutrient Media from Lignocellulose: Optimizing the Composition of a Multienzyme Compound. Catalysis in Industry, 2020, 12, 162-168. | 0.7 | 2 |
| 4 | X-ray Diffraction Study of Bacterial Nanocellulose Produced by Medusomyces Gisevii Sa-12 Cultured in Enzymatic Hydrolysates of Miscanthus. Crystallography Reports, 2019, 64, 914-919. | 0.6 | 6 |
| 5 | Optimization of pre-saccharification time during dSSF process in oat-hull bioethanol technology. 3 Biotech, 2019, 9, 455. | 2.2 | 4 |
| 6 | Bacterial Nanocellulose Nitrates. Nanomaterials, 2019, 9, 1694. | 4.1 | 25 |
| 7 | A study of properties and enzymatic hydrolysis of bacterial cellulose. Cellulose, 2019, 26, 2255-2265. | 4.9 | 14 |
| 8 | Study of the influence of Medusomyces gisevii Sa-12 inoculum dosage on bacterial cellulose yield and degree of polymerisation. IzvestiÃ¢ Vuzov: PrikladnaÃ¢ HimiÃ¢ I BiotehnologiÃ¢, 2019, 3, 420-429. | 0.3 | 4 |
| 9 | Investigation of bacterial nanocellulose biosynthesis by Medusomyces gisevii Sa-12 from enzymatic hydrolyzate obtained by alkaline delignification of miscanthus. IzvestiÃ¢ Vuzov: PrikladnaÃ¢ HimiÃ¢ I BiotehnologiÃ¢, 2019, 9, 260-269. | 0.3 | 3 |
| 10 | Study of the Conditions for the Biosynthesis of Bacterial Cellulose by the Producer Medusomyces gisevii Sa-12. Applied Biochemistry and Microbiology, 2018, 54, 179-187. | 0.9 | 31 |
| 11 | Enhancing the Yield of Bioethanol from the Lignocellulose of Oat Hulls by Optimizing the Composition of the Nutrient Medium. Catalysis in Industry, 2018, 10, 257-262. | 0.7 | 6 |
| 12 | X-ray Diffraction Study of Bacterial Nanocellulose Produced by the Medusomyces gisevii Sa-12 Culture in Enzymatic Hydrolysates of Oat Hulls. Crystallography Reports, 2018, 63, 955-960. | 0.6 | 15 |
| 13 | Early morphological changes in tissues when replacing abdominal wall defects by bacterial nanocellulose in experimental trials. Journal of Materials Science: Materials in Medicine, 2018, 29, 95. | 3.6 | 17 |
| 14 | Composition of Inorganic Components of Oat Husks and Products of Their Chemical and Enzymatic Transformation. Russian Journal of Applied Chemistry, 2018, 91, 230-234. | 0.5 | 5 |
| 15 | BIOSYNTHESIS OF BACTERIAL NANOCELLULOSE IN MEDIA OBTAINED FROM CELLULOSE CONTAINING MATERIALS. IzvestiÃ¢ Vuzov: PrikladnaÃ¢ HimiÃ¢ I BiotehnologiÃ¢, 2018, 8, 41-47. | 0.3 | 0 |
| 16 | Chemical Aspects of Bacterial Nanocellulose. Journal of Siberian Federal University: Chemistry, 2018, 11, 531-542. | 0.7 | 1 |
| 17 | Preparing bioethanol from oat hulls pretreated with a dilute nitric acid: Scaling of the production process on a pilot plant. Catalysis in Industry, 2017, 9, 257-263. | 0.7 | 5 |
| 18 | Processing Pine Wood into Vanillin and Glucose by Sequential Catalytic Oxidation and Enzymatic Hydrolysis. Journal of Wood Chemistry and Technology, 2017, 37, 43-51. | 1.7 | 42 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Dilute nitric-acid pretreatment of oat hulls for ethanol production. Biochemical Engineering Journal, 2017, 126, 118-125. | 3.6 | 42 |
| 20 | Technological fundamentals of bacterial nanocellulose production from zero prime-cost feedstock. Doklady Biochemistry and Biophysics, 2017, 477, 357-359. | 0.9 | 12 |
| 21 | Pilot technology of ethanol production from oat hulls for subsequent conversion to ethylene. Chemical Engineering Journal, 2017, 329, 178-186. | 12.7 | 32 |
| 22 | BIOSYNTHESIS OF BACTERIAL CELLULOSE ON ENZYMATIC HYDROLYZATE OF OAT HULL PULP. IzvestiÃ¢ Vuzov: PrikladnaÃ¢ HimiÃ¢ I BiotehnologiÃ¢, 2017, 7, 141-147. | 0.3 | 1 |
| 23 | Enzymatic hydrolysis of lignocellulosic materials in aqueous media and the subsequent microbiological synthesis of bioethanol. Catalysis in Industry, 2016, 8, 168-175. | 0.7 | 13 |
| 24 | Kinetics of the enzymatic hydrolysis of lignocellulosic materials at different concentrations of the substrate. Catalysis in Industry, 2016, 8, 81-87. | 0.7 | 6 |
| 25 | Biotechnological aspects of ethanol biosynthesis from Miscanthus. Russian Journal of Genetics: Applied Research, 2015, 5, 69-74. | 0.4 | 4 |
| 26 | Enzymatic hydrolysis of cellulose from oat husks at different substrate concentrations. Russian Journal of Bioorganic Chemistry, 2014, 40, 726-732. | 1.0 | 12 |
| 27 | Enzymatic hydrolysis of celluloses obtained via the hydrothermal processing of Miscanthus and oat hulls. Catalysis in Industry, 2014, 6, 67-71. | 0.7 | 4 |
| 28 | Enzymatic hydrolysis of the products of hydro-thermobaric processing of Miscanthus and oat hulls. Catalysis in Industry, 2013, 5, 335-341. | 0.7 | 9 |
| 29 | Sterilization of Milk by Ultrasonics. Siberian Russian Workshop and Tutorial on Electron Devices and Materials, 2007, , . | 0.0 | 4 |