# Svyatoslav Savin

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 35 papers | 384 citations | 840776<br>11 h-index | 794594<br>19 g-index |
| 36 all docs | 36 docs citations | 36 times ranked | 239 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effect of Additional Amino Acid Replacements on the Properties of Multi-point Mutant Bacterial Formate Dehyderogenase PseFDH SM4S. , 2022, 14, 82-91. | | 5 |
| 2 | Preparation of Recombinant Formate Dehydrogenase from Thermotolerant Yeast Ogataea parapolymorpha and Crystallization of Its Apo- and Holo- Forms. Moscow University Chemistry Bulletin, 2021, 76, 49-55. | 0.6 | 2 |
| 3 | Influence of His6 Sequence on the Properties of Formate Dehydrogenase from Bacterium Pseudomonas sp. 101. Moscow University Chemistry Bulletin, 2020, 75, 250-257. | 0.6 | 14 |
| 4 | Highly-Active Recombinant Formate Dehydrogenase from Pathogenic Bacterium Staphylococcus aureus: Preparation and Crystallization. Biochemistry (Moscow), 2020, 85, 689-696. | 1.5 | 12 |
| 5 | Effect of His6-tag Position on the Expression and Properties of Phenylacetone Monooxygenase from Thermobifida fusca. Biochemistry (Moscow), 2020, 85, 575-582. | 1.5 | 5 |
| 6 | Determination of the Kinetic Parameters of a Wild-Type D-Amino Acid Oxidase from Yeast and Its Mutant Forms in a Reaction of Cephalosporin C Oxidation. Moscow University Chemistry Bulletin, 2019, 74, 169-172. | 0.6 | 1 |
| 7 | Comparison of Thermal Stability of New Formate Dehydrogenases by Differential Scanning Calorimetry. Moscow University Chemistry Bulletin, 2018, 73, 80-84. | 0.6 | 10 |
| 8 | Effect of Medium pH And Ion Strength on the Thermal Stability of Plant Formate Dehydrogenases. Moscow University Chemistry Bulletin, 2018, 73, 199-203. | 0.6 | 1 |
| 9 | Rational Design of Practically Important Enzymes. Moscow University Chemistry Bulletin, 2018, 73, 1-6. | 0.6 | 21 |
| 10 | Enzymatic Lysis of Living Microbial Cells: A Universal Approach to Calculating the Rate of Cell Lysis in Turbidimetric Measurements. Moscow University Chemistry Bulletin, 2018, 73, 47-52. | 0.6 | 10 |
| 11 | Preparation and characterization of multipoint yeast D-amino acid oxidase mutants with improved stability and activity. Moscow University Chemistry Bulletin, 2017, 72, 218-223. | 0.6 | 1 |
| 12 | Bacteriolytic Activity Of Human Interleukin-2, Chicken Egg Lysozyme In The Presence Of Potential Effectors. Acta Naturae, 2017, 9, 82-87. | 1.7 | 1 |
| 13 | Influence of Met/Leu amino acid changes on catalytic properties and oxidative and thermal stability of yeast D-amino acid oxidase. Moscow University Chemistry Bulletin, 2016, 71, 243-252. | 0.6 | 6 |
| 14 | Human Interleukin-2 and Hen Egg White Lysozyme: Screening for Bacteriolytic Activity against Various Bacterial Cells. Acta Naturae, 2016, 8, 98-102. | 1.7 | 1 |
| 15 | Comparison of bacteriolytic activity of human interleukin-2 and chicken egg lysozyme on Lactobacillus plantarum and Escherichia coli cells. Moscow University Chemistry Bulletin, 2015, 70, 287-291. | 0.6 | 4 |
| 16 | Role of a Structurally Equivalent Phenylalanine Residue in Catalysis and Thermal Stability of Formate Dehydrogenases from Different Sources. Biochemistry (Moscow), 2015, 80, 1690-1700. | 1.5 | 18 |
| 17 | Improvement of the soy formate dehydrogenase properties by rational design. Protein Engineering, Design and Selection, 2015, 28, 171-178. | 2.1 | 21 |
| 18 | The Role of Ala198 in the Stability and Coenzyme Specificity of Bacterial Formate Dehydrogenases. Acta Naturae, 2015, 7, 60-69. | 1.7 | 34 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Additivity of the Stabilization Effect of Single Amino Acid Substitutions in Triple Mutants of Recombinant Formate Dehydrogenase from the Soybean Glycine max. Acta Naturae, 2015, 7, 55-64. | 1.7 | 5 |
| 20 | The role of ala198 in the stability and coenzyme specificity of bacterial formate dehydrogenases. Acta Naturae, 2015, 7, 60-9. | 1.7 | 11 |
| 21 | Additivity of the Stabilization Effect of Single Amino Acid Substitutions in Triple Mutants of Recombinant Formate Dehydrogenase from the Soybean Glycine max. Acta Naturae, 2015, 7, 55-64. | 1.7 | 2 |
| 22 | Recombinant alpha-amino ester acid hydrolase from Xanthomonas rubrilineans VKPM B-9915 is a highly efficient biocatalyst of cephalexin synthesis. Moscow University Chemistry Bulletin, 2014, 69, 62-67. | 0.6 | 2 |
| 23 | Expression and characterization of mutant forms of penicillin acylase from Alcaligenes faecalis. Moscow University Chemistry Bulletin, 2014, 69, 86-91. | 0.6 | 0 |
| 24 | Study of the Structure-Function-Stability Relationships in Yeast D-amino Acid Oxidase: Hydrophobization of Alpha-Helices. Acta Naturae, 2014, 6, 76-88. | 1.7 | 7 |
| 25 | Study of the Structure-Function-Stability Relationships in Yeast D-amino Acid Oxidase: Hydrophobization of Alpha-Helices. Acta Naturae, 2014, 6, 76-88. | 1.7 | 9 |
| 26 | Engineering catalytic properties and thermal stability of plant formate dehydrogenase by single-point mutations. Protein Engineering, Design and Selection, 2012, 25, 781-788. | 2.1 | 27 |
| 27 | Stabilization of plant formate dehydrogenase by rational design. Biochemistry (Moscow), 2012, 77, 1199-1209. | 1.5 | 12 |
| 28 | NAD+-dependent Formate Dehydrogenase from Plants. Acta Naturae, 2011, 3, 38-54. | 1.7 | 76 |
| 29 | NAD (+) -dependent Formate Dehydrogenase from Plants. Acta Naturae, 2011, 3, 38-54. | 1.7 | 30 |
| 30 | The 3D-structural modeling of yeast D-amino acid oxidase. Moscow University Chemistry Bulletin, 2010, 65, 121-126. | 0.6 | 2 |
| 31 | Membrane detection of nanogram amounts of formate dehydrogenase. Moscow University Chemistry Bulletin, 2010, 65, 131-134. | 0.6 | 1 |
| 32 | Assessment of Formate Dehydrogenase Stress Stability in vivo using Inactivation by Hydrogen Peroxide. Acta Naturae, 2010, 2, 97-101. | 1.7 | 19 |
| 33 | Assessment of Formate Dehydrogenase Stress Stability In vivo using Inactivation by Hydrogen Peroxide. Acta Naturae, 2010, 2, 97-102. | 1.7 | 6 |
| 34 | Creation of biocatalysts with prescribed properties. Russian Chemical Bulletin, 2008, 57, 1033-1041. | 1.5 | 6 |
| 35 | Inactivation of formate dehydrogenase at pH 8. Moscow University Chemistry Bulletin, 2008, 63, 60-62. | 0.6 | 2 |