

Maya H Guncheva

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

509
citations

759233

12
h-index

713466

21
g-index

42
all docs

42
docs citations

42
times ranked

709
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Salicylic Acid as Ionic Liquid Formulation May Have Enhanced Potency to Treat Some Chronic Skin Diseases. <i>Molecules</i> , 2022, 27, 216. | 3.8 | 10 |
| 2 | Role of ionic liquids on stabilization of therapeutic proteins and model proteins. <i>Protein Journal</i> , 2022, 41, 369-380. | 1.6 | 5 |
| 3 | <i>Pistacia lentiscus</i> by-product as a promising source of phenolic compounds and carotenoids: Purification, biological potential and binding properties. <i>Food and Bioproducts Processing</i> , 2021, 126, 245-255. | 3.6 | 7 |
| 4 | Structural, Thermal, and Storage Stability of <i>Rapana thomasiana</i> Hemocyanin in the Presence of Cholinium-Amino Acid-Based Ionic Liquids. <i>Molecules</i> , 2021, 26, 1714. | 3.8 | 2 |
| 5 | 1H-benzimidazole-2-yl hydrazones as tubulin-targeting agents: Synthesis, structural characterization, anthelmintic activity and antiproliferative activity against MCF-7 breast carcinoma cells and molecular docking studies. <i>Chemico-Biological Interactions</i> , 2021, 345, 109540. | 4.0 | 20 |
| 6 | Ketoprofen-Based Ionic Liquids: Synthesis and Interactions with Bovine Serum Albumin. <i>Molecules</i> , 2020, 25, 90. | 3.8 | 18 |
| 7 | Effect of ketoprofen-based ionic liquids on secondary structure and thermal stability of human serum albumin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1911-1917. | 3.6 | 1 |
| 8 | Modulation of the binding affinity of naproxen to bovine serum albumin by conversion of the drug into amino acid ester salts. <i>Journal of Molecular Liquids</i> , 2020, 319, 114283. | 4.9 | 8 |
| 9 | Rosmarinic acid-conjugated hemocyanins: synthesis and stability. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1903-1909. | 3.6 | 1 |
| 10 | Folate-conjugated <i>Helix lucorum</i> hemocyanin " preparation, stability, and cytotoxicity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2020, 75, 23-30. | 1.4 | 4 |
| 11 | Biophysical Properties and Cytotoxicity of Feruloylated <i>Helix Lucorum</i> Hemocyanin. <i>Acta Chimica Slovenica</i> , 2020, 67, 253-259. | 0.6 | 2 |
| 12 | Ionic Liquids for Anticancer Application. , 2019, , 1-6. | | 1 |
| 13 | Destabilization of "Hemocyanin from <i>Helix pomatia</i> in Presence of Choline Amino Acids Results in Improved Cell Specificity and Cytotoxicity against Human Breast Cancer. <i>ChemistrySelect</i> , 2019, 4, 11460-11466. | 1.5 | 2 |
| 14 | Chemically Modified Hemocyanins with Enhanced Antibreast Cancer Activities. <i>Proceedings (mdpi)</i> , 2019, 22, 13. | 0.2 | 1 |
| 15 | Thermal stability and secondary structure of feruloylated <i>Rapana thomasiana</i> hemocyanin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 2715-2720. | 3.6 | 2 |
| 16 | Elucidation of the effect of some cholinium amino acid ionic liquids on the thermal and the conformational stability of insulin. <i>Journal of Molecular Liquids</i> , 2019, 283, 257-262. | 4.9 | 27 |
| 17 | Tetraalkylammonium acetates and tetraalkylammonium tetrafluoroborates as new templates for room-temperature synthesis of mesoporous silica spheres. <i>Journal of Porous Materials</i> , 2018, 25, 935-943. | 2.6 | 3 |
| 18 | Phytochemical Profile and Anti-lipase Activity of Balkan Endemic <i>Jurinea tzar-ferdinandii</i> . <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300. | 0.5 | 3 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Effect of Four Commonly Used Dissolution Media Surfactants on Pancreatin Proteolytic Activity. <i>AAPS PharmSciTech</i> , 2017, 18, 1402-1407. | 3.3 | 5 |
| 20 | Thermal and conformational stability of insulin in the presence of imidazolium-based ionic liquids. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 2591-2598. | 3.6 | 26 |
| 21 | Rapana thomasiana hemocyanin modified with ionic liquids with enhanced anti breast cancer activity. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 798-805. | 7.5 | 13 |
| 22 | Walnut Oil - Unexplored Raw Material for Lipase-Catalyzed Synthesis of Low-Calorie Structured Lipids for Clinical Nutrition. <i>Journal of Food Biochemistry</i> , 2015, 39, 603-611. | 2.9 | 3 |
| 23 | Modification of Rapana thomasiana hemocyanin with choline amino acid salts significantly enhances its antiproliferative activity against MCF-7 human breast cancer cells. <i>RSC Advances</i> , 2015, 5, 63345-63354. | 3.6 | 20 |
| 24 | Effect of two series ionic liquids based on non-nutritive sweeteners on catalytic activity and stability of the industrially important lipases from <i>Candida rugosa</i> and <i>Rhizopus delemar</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 117, 62-68. | 1.8 | 12 |
| 25 | Novel hybrid materials on the basis of nanostructured tin dioxide and a lipase from <i>Rhizopus delemar</i> with improved enantioselectivity. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 102, 72-80. | 1.8 | 6 |
| 26 | Stabilization of <i>Candida rugosa</i> lipase on nanosized zirconia-based materials. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 108, 43-50. | 1.8 | 15 |
| 27 | Nanostructured tin dioxide "a promising multipurpose support material for catalytic and biocatalytic applications. <i>Chemical Engineering Journal</i> , 2014, 252, 55-63. | 12.7 | 8 |
| 28 | Excellent Stability and Synthetic Activity of Lipase from <i>B. Stearothermophilus</i> MC7 Immobilized on Tin Dioxide in Environmentally Friendly Medium. <i>Biotechnology and Biotechnological Equipment</i> , 2013, 27, 4317-4322. | 1.3 | 6 |
| 29 | Structure and properties of a series of 2-cinnamoyl-1,3-indandiones and their metal complexes. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 297-306. | 2.2 | 3 |
| 30 | Evaluation of the inhibitory potential of five squaric acid derivatives against pancreatic lipase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011, 26, 587-591. | 5.2 | 3 |
| 31 | Catalytic properties and potential applications of <i>Bacillus</i> lipases. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 68, 1-21. | 1.8 | 123 |
| 32 | Novel nanostructured tin dioxide as promising carrier for <i>Candida rugosa</i> lipase. <i>Process Biochemistry</i> , 2011, 46, 2170-2177. | 3.7 | 13 |
| 33 | Nanosized tin dioxide " Unexplored carrier for lipase immobilization. <i>Catalysis Communications</i> , 2011, 16, 205-209. | 3.3 | 5 |
| 34 | Immobilization of lipase from <i>Candida rugosa</i> on novel phosphorous-containing polyurethanes: Application in wax ester synthesis. <i>Process Biochemistry</i> , 2011, 46, 923-930. | 3.7 | 24 |
| 35 | Properties of immobilized lipase from <i>Bacillus Stearothermophilus</i> MC7. Acidolysis of triolein with caprylic acid. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 727-731. | 3.6 | 7 |
| 36 | Do N-terminal nucleophile hydrolases indeed have a single amino acid catalytic center?. <i>FEBS Journal</i> , 2009, 276, 2589-2598. | 4.7 | 16 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Hydrolysis of phenylacetanilides catalyzed by penicillin G acylase from <i>Alcaligenes faecalis</i> : Sensitivity of the reaction to substitution in the leaving group. <i>Catalysis Communications</i> , 2009, 11, 196-201. | 3.3 | 3 |
| 38 | Acidolysis of Tripalmitin with Oleic Acid Catalyzed by a Newly Isolated Thermostable Lipase. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2008, 85, 129-132. | 1.9 | 15 |
| 39 | High-yield synthesis of wax esters catalysed by modified <i>Candida rugosa</i> lipase. <i>Biotechnology Letters</i> , 2008, 30, 509-512. | 2.2 | 24 |
| 40 | Effect of nonionic detergents on the activity of a thermostable lipase from <i>Bacillus stearothermophilus</i> MC7. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007, 49, 88-91. | 1.8 | 27 |
| 41 | Kinetic studies and molecular modelling attribute a crucial role in the specificity and stereoselectivity of penicillin acylase to the pair ArgA145-ArgB263. <i>FEBS Journal</i> , 2004, 271, 2272-2279. | 0.2 | 11 |
| 42 | Arylamidase activity of neutral proteinase from <i>Saccharomonospora canescens</i> . Comparison with other Zn-proteinases that exhibit the same activity. <i>BBA - Proteins and Proteomics</i> , 2002, 1597, 335-338. | 2.1 | 4 |