

Denitsa Y Yancheva

List of Publications by Year in descending order

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78
papers

903
citations

430442

18
h-index

552369

26
g-index

79
all docs

79
docs citations

79
times ranked

1155
citing authors

#	ARTICLE	IF	CITATIONS
1	New C2- and N3-Modified Thieno[2,3-d]Pyrimidine Conjugates with Cytotoxicity in the Nanomolar Range. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 1201-1212.	0.9	5
2	Silver nanoparticles synthesis and their effect on the SOPC lipid structure. <i>Journal of Physics: Conference Series</i> , 2022, 2240, 012019.	0.3	1
3	Study on the Neuroprotective, Radical-Scavenging and MAO-B Inhibiting Properties of New Benzimidazole Arylhydrazones as Potential Multi-Target Drugs for the Treatment of Parkinson's Disease. <i>Antioxidants</i> , 2022, 11, 884.	2.2	10
4	Design, Cytotoxicity and Antiproliferative Activity of 4-Amino-5-methyl-thieno[2,3-d]pyrimidine-6-carboxylates against MFC-7 and MDA-MB-231 Breast Cancer Cell Lines. <i>Molecules</i> , 2022, 27, 3314.	1.7	3
5	The altar wall paintings of the catholic icon "The Nativity of the Virgin", Rila Monastery, Bulgaria: Identification of the painting materials by means of vibrational spectroscopic techniques complemented by EDX, XRD and TGA analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119087.	2.0	5
6	Evaluation of the combined activity of benzimidazole arylhydrazones as new anti-Parkinsonian agents: monoamine oxidase-B inhibition, neuroprotection and oxidative stress modulation. <i>Neural Regeneration Research</i> , 2021, 16, 2299.	1.6	17
7	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.	1.7	2
8	Kinetics of galvanostatic anodic polarization of Zn in NaOH solutions and characterization of the resulting layers. <i>Materials Chemistry and Physics</i> , 2021, 263, 124298.	2.0	1
9	Thieno[2,3-d]pyrimidin-4(3H)-one Derivatives of Benzimidazole as Potential Anti-Breast Cancer (MDA-MB-231, MCF-7) Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 1441-1450.	0.9	9
10	Three Persian Qajar paintings from the National Gallery Sofia. Study of the technology and the composition materials for the purpose of dating and conservation evaluation. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	2
11	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.	1.7	20
12	In vitro and in silico studies of radical scavenging activity of salicylaldehyde benzoylhydrazones. <i>Journal of Molecular Structure</i> , 2021, 1245, 131021.	1.8	9
13	New 1 <i>H</i> -benzimidazole-2-yl hydrazones with combined antiparasitic and antioxidant activity. <i>RSC Advances</i> , 2021, 11, 39848-39868.	1.7	9
14	Benzimidazole-based dual dipeptidyl peptidase-4 and xanthine oxidase inhibitors. <i>Chemico-Biological Interactions</i> , 2020, 315, 108873.	1.7	9
15	Anodic behavior of zinc in aqueous borate electrolytes. <i>Materials Chemistry and Physics</i> , 2020, 239, 122081.	2.0	3
16	Benzo[4,5]thieno[2,3-d]pyrimidine phthalimide derivative, one of the rare noncompetitive inhibitors of dipeptidyl peptidase-4. <i>Archiv Der Pharmazie</i> , 2020, 353, 1900238.	2.1	3
17	Ketoprofen-Based Ionic Liquids: Synthesis and Interactions with Bovine Serum Albumin. <i>Molecules</i> , 2020, 25, 90.	1.7	18
18	Rosmarinic acid-conjugated hemocyanins: synthesis and stability. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1903-1909.	2.0	1

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19	Influence of hydrophobic Au nanoparticles on SOPC lipid model systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 603, 125090.	2.3	7
20	Combined infrared spectroscopic and computational study on simpler capsaicin derivatives and their anion intermediates in the scavenging of free radicals. <i>Chemical Physics</i> , 2020, 535, 110763.	0.9	4
21	New benzimidazole-aldehyde hybrids as neuroprotectors with hypochlorite and superoxide radical-scavenging activity. <i>Pharmacological Reports</i> , 2020, 72, 846-856.	1.5	10
22	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.	0.6	4
23	Spectroscopic and in silico study on the conversion of N,N ² -disubstituted hydrazone derivatives of 5-nitrobenzimidazole-2-thione into anion and radical anion products: Implications in hepatotoxicity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 234, 118279.	2.0	3
24	Lipid peroxidation inhibition study: A promising case of 1,3-di([1,1 ² -biphenyl]-3-yl)urea. <i>Chemico-Biological Interactions</i> , 2020, 326, 109137.	1.7	6
25	Biophysical Properties and Cytotoxicity of Feruloylated <i>Helix Lucorum</i> Hemocyanin. <i>Acta Chimica Slovenica</i> , 2020, 67, 253-259.	0.2	2
26	In vitro antioxidant properties of 2-imino-benzimidazole and 1,3-thiazolo[3,2-a]benzimidazolone derivatives. <i>Acta Facultatis Medicae Naissensis</i> , 2020, 37, 381-386.	0.1	0
27	Thermal stability and secondary structure of feruloylated <i>Rapana thomasiana</i> hemocyanin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 2715-2720.	2.0	2
28	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.	2.3	27
29	Induction periods during anodic polarization of zinc in aqueous oxalic acid solutions. <i>Materials Chemistry and Physics</i> , 2019, 223, 727-736.	2.0	10
30	Hepatotoxicity and antioxidant activity of some new N,N ² -disubstituted benzimidazole-2-thiones, radical scavenging mechanism and structure-activity relationship. <i>Arabian Journal of Chemistry</i> , 2018, 11, 353-369.	2.3	29
31	Synthesis, spectroscopic and TD-DFT quantum mechanical study of azo-azomethine dyes. A laser induced trans-cis-trans photoisomerization cycle. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 192, 263-274.	2.0	27
32	Benzimidazoles as novel deoxyribonuclease I inhibitors. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8937-8948.	1.2	24
33	Synthesis and DNase I inhibitory properties of some 5,6,7,8-tetrahydrobenzo[4,5]thieno[2,3-d]pyrimidines. <i>Bioorganic Chemistry</i> , 2018, 80, 693-705.	2.0	24
34	Antihelminthic Activity of Some 2-Substituted Thieno[2,3-d]pyrimidin-4- ones. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 887-894.	0.4	5
35	Synthesis, structure, spectral properties and DFT quantum chemical calculations of 4-aminoazobenzene dyes. Effect of intramolecular hydrogen bonding on photoisomerization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 76-91.	2.0	29
36	Tautomerism and isomerism in some antitrichinellosis active benzimidazoles: Morphological study in polarized light, quantum chemical computations. <i>Journal of Molecular Structure</i> , 2017, 1150, 179-187.	1.8	6

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37	IR study on the electrochemical generation of a nitro radical anion by a hepatotoxic N,N ^ε -disubstituted benzimidazole-2-thione. <i>Vibrational Spectroscopy</i> , 2017, 92, 200-214.	1.2	4
38	Characterization of Zahari Zograph TM 's nave wall paintings in the church "The nativity of the virgin" of Rila Monastery (Bulgaria) by vibrational spectroscopy and SEM-EDX analysis. <i>Science and Technology of Archaeological Research</i> , 2017, 3, 437-449.	2.4	1
39	Synthesis, anticancer activity and photostability of novel 3-ethyl-2-mercapto-thieno[2,3-d]pyrimidin-4(1H)-one. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 2591-2598.	1.0	1
40	Insights in the radical scavenging mechanism of syringaldehyde and generation of its anion. <i>Journal of Molecular Structure</i> , 2016, 1108, 552-559.	1.8	16
41	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.	2.0	26
42	Rapana thomasiana hemocyanin modified with ionic liquids with enhanced anti breast cancer activity. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 798-805.	3.6	13
43	Analytical studies of the Alexandrovo Thracian tomb wall paintings. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 152, 622-628.	2.0	4
44	IN SILICO PHARMACOKINETIC AND TOXICOLOGICAL STUDY OF DNASE INHIBITORS. <i>Acta Medica Medianae</i> , 2016, , 5-13.	0.0	0
45	Effects on MC3T3-E1 Cells and In Silico Toxicological Study of Two 6-(Propan-2-yl)-4-methyl-morpholine-2,5-diones. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.2	1
46	Xanthine oxidase inhibitory properties and anti-inflammatory activity of 2-amino-5-alkylidene-thiazol-4-ones. <i>Chemico-Biological Interactions</i> , 2015, 229, 73-81.	1.7	36
47	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.	1.7	20
48	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
49	Synthesis, electronic properties, antioxidant and antibacterial activity of some new benzimidazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6317-6326.	1.4	65
50	Cyclodipeptides with a promising scaffold in medicinal chemistry. <i>Amino Acids</i> , 2014, 46, 825-840.	1.2	10
51	Deoxyribonuclease inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 88, 101-111.	2.6	40
52	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
53	DFT study on IR spectral and structural changes caused by the conversion of substituted benzophenones into ketyl radicals. <i>Computational and Theoretical Chemistry</i> , 2014, 1046, 57-63.	1.1	6
54	2-Amino-5-alkylidenethiazol-4-ones as promising lipid peroxidation inhibitors. <i>Monatshefte für Chemie</i> , 2014, 145, 945-952.	0.9	10

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55	Two 6-(propan-2-yl)-4-methyl-morpholine-2,5-diones as new non-purine xanthine oxidase inhibitors and anti-inflammatory agents. <i>Food and Chemical Toxicology</i> , 2013, 55, 493-497.	1.8	21
56	The Effect of Camphor and Borneol on Rat Thymocyte Viability and Oxidative Stress. <i>Molecules</i> , 2012, 17, 10258-10266.	1.7	33
57	Stimulatory effect on rat thymocytes proliferation and antimicrobial activity of two 6-(propan-2-yl)-4-methyl-morpholine-2,5-diones. <i>Food and Chemical Toxicology</i> , 2012, 50, 761-766.	1.8	9
58	6-(Propan-2-yl)-3-methyl-morpholine-2,5-dione, a novel cyclodipeptide with modulatory effect on rat thymocytes. <i>Food and Chemical Toxicology</i> , 2012, 50, 3014-3018.	1.8	3
59	IR spectra and structure of 2-{5,5-dimethyl-3-[(2-phenyl)vinyl]cyclohex-2-enylidene}-malononitrile and its potassium cyanide and sodium methoxide carbanionic adducts: Experimental and B3LYP theoretical studies. <i>Journal of Molecular Structure</i> , 2012, 1009, 42-48.	1.8	1
60	Synthesis, structure and antimicrobial activity of 6-(propan-2-yl)-3-methyl-morpholine-2,5-dione. <i>Journal of Molecular Structure</i> , 2012, 1016, 147-154.	1.8	14
61	In Vitro Antioxidant Activity of Two 6-(propan-2-yl)-4-methyl-morpholine-2,5-diones. <i>Acta Chimica Slovenica</i> , 2012, 59, 939-43.	0.2	5
62	Identification and synthesis of three cyclodipeptides as potential precursors of enniatin B in <i>Fusarium sporotrichioides</i> . <i>Journal of Molecular Structure</i> , 2011, 985, 397-402.	1.8	15
63	Nonlinear optical properties of pyridinium-betaines of squaric acid: Experimental and theoretical study. <i>Chemical Physics</i> , 2008, 348, 45-52.	0.9	30
64	The pyridinium-betaine of squaric acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3259-o3259.	0.2	2
65	L-Prolinamidium hydrogensquarate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o463-o465.	0.2	5
66	Spectral and structural study of two acceptor-substituted pyridinium-betaines of squaric acid: Promising chromophores for nonlinear optical applications. <i>Chemical Physics</i> , 2006, 324, 489-496.	0.9	16
67	2-(3-Benzoyl-1-pyridinio)-3,4-dioxocyclobutenolate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, o213-o215.	0.4	7
68	2-{3-[(E)-(3,4-Dimethoxyphenyl)ethenyl]-5,5-dimethylcyclohex-2-enylidene}malononitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o550-o552.	0.2	5
69	Experimental and computational studies of the structure and vibrational spectra of 4-dimethylamino pyridinium-betaine of squaric acid. <i>Journal of Molecular Structure</i> , 2004, 691, 241-248.	1.8	23
70	Experimental and computational studies of the structure and vibrational spectra of pyridinium-betaine of squaric acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 1805-1813.	2.0	11
71	Experimental and computational studies of the structure and vibrational spectra of 2-[5,5-dimethyl-3-(2-phenyl-vinyl)-cyclohex-2-enylidene]-malononitrile. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 3325-3335.	2.0	16
72	2-[5,5-Dimethyl-3-(2-p-tolyl-vinyl)-cyclohex-2-enylidene]-malononitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o1093-o1094.	0.2	1

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73	4-Dimethylaminopyridinium-1-squarate. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o1267-o1268.	0.2	6
74	Crystal structure of 3-methoxy-4-hydroxybenzylidene-malononitrile, C ₁₁ H ₈ N ₂ O ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2001, 216, 249-250.	0.1	0
75	2-{3-[2-(4-Hydroxyphenyl)vinyl]-5,5-dimethylcyclohex-2-en-1-ylidene}malononitrile. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o561-o562.	0.2	20
76	Crystal structure of 4-hydroxy-3-methoxybenzaldehyde-4-nitrophenylhydrazone, C ₁₄ H ₁₃ N ₃ O ₄ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2001, 216, 247-248.	0.1	1
77	Crystal structure of 2-{3-[2-(3-ethoxy-4-methoxy-phenyl)-vinyl]-5,5-dimethyl-cyclohex-2-enylidene}-malononitrile, C ₂₂ H ₂₄ N ₂ O ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2001, 216, 67-68.	0.1	2
78	Crystal structure of 4-[(4-N,N-dimethylaminophenylene)amino]-3-ethoxy-3-cyclobutene-1,2-dione, C ₁₄ H ₁₆ N ₂ O ₃ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2001, 216, 251-252.	0.1	0