

Agata Paneth

List of Publications by Year in descending order

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53
papers

824
citations

430442

18
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552369

26
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54
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54
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1045
citing authors

#	ARTICLE	IF	CITATIONS
1	Unprecedentedly large $^{37}\text{Cl}/^{35}\text{Cl}$ equilibrium isotopic fractionation on nano-confinement of chloride anion. <i>Scientific Reports</i> , 2022, 12, 1768.	1.6	1
2	4-Arylthiosemicarbazide Derivatives as Toxoplasmic Aromatic Amino Acid Hydroxylase Inhibitors and Anti-inflammatory Agents. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3213.	1.8	4
3	Influence of Association on Binding of Disaccharides to YKL-39 and hHyal-1 Enzymes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7705.	1.8	0
4	4-Arylthiosemicarbazide derivatives as a new class of tyrosinase inhibitors and anti-Toxoplasma gondii agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1145-1164.	2.5	8
5	New organometallic ruthenium(ii) complexes with purine analogs – a wide perspective on their biological application. <i>Dalton Transactions</i> , 2021, 50, 5557-5573.	1.6	7
6	Isotopic Consequences of Host-Guest Interactions; Noncovalent Chlorine Isotope Effects. <i>Journal of Physical Chemistry B</i> , 2021, 125, 1874-1880.	1.2	2
7	1,3,4-Thiadiazoles Effectively Inhibit Proliferation of <i>Toxoplasma gondii</i> . <i>Cells</i> , 2021, 10, 1053.	1.8	6
8	Thiosemicarbazide Derivatives Decrease the ATPase Activity of <i>Staphylococcus aureus</i> Topoisomerase IV, Inhibit Mycobacterial Growth, and Affect Replication in <i>Mycobacterium smegmatis</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 3881.	1.8	8
9	Machine Learning augmented docking studies of aminothiureas at the SARS-CoV-2 ACE2 interface. <i>PLoS ONE</i> , 2021, 16, e0256834.	1.1	3
10	Antibacterial Activity of Fluorobenzoylthiosemicarbazides and Their Cyclic Analogues with 1,2,4-Triazole Scaffold. <i>Molecules</i> , 2021, 26, 170.	1.7	15
11	RNA-Inspired and Accelerated Degradation of Polylactide in Seawater. <i>Journal of the American Chemical Society</i> , 2021, 143, 16673-16681.	6.6	37
12	Imidazole-Thiosemicarbazide Derivatives as Potent Anti- <i>Mycobacterium tuberculosis</i> Compounds with Antibiofilm Activity. <i>Cells</i> , 2021, 10, 3476.	1.8	7
13	Synthesis and antimycobacterial activity of thiazolidine-2,4-dione based derivatives with halogenbenzohydrazones and pyridinecarbohydrazones substituents. <i>European Journal of Medicinal Chemistry</i> , 2020, 189, 112045.	2.6	16
14	Cytotoxic Properties of 1,3,4-Thiadiazole Derivatives – A Review. <i>Molecules</i> , 2020, 25, 4309.	1.7	40
15	Docking and QSAR of Aminothiureas at the SARS-CoV-2 S-Protein-Human ACE2 Receptor Interface. <i>Molecules</i> , 2020, 25, 4645.	1.7	6
16	Synergistic Effects of Thiosemicarbazides with Clinical Drugs against <i>S. aureus</i> . <i>Molecules</i> , 2020, 25, 2302.	1.7	6
17	Synthesis and Anthelmintic Activity of New Thiosemicarbazide Derivatives – A Preliminary Study. <i>Molecules</i> , 2020, 25, 2770.	1.7	20
18	Design, synthesis and antimycobacterial activity of thiazolidine-2,4-dione-based thiosemicarbazone derivatives. <i>Bioorganic Chemistry</i> , 2020, 97, 103676.	2.0	26

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19	Synthesis and In Vitro Anti-Toxoplasma gondii Activity of Novel Thiazolidin-4-one Derivatives. <i>Molecules</i> , 2019, 24, 3029.	1.7	15
20	Synthesis and Antibacterial Evaluation of Mannich Bases Derived from 1,2,4-Triazole. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900377.	1.0	8
21	Quantum approach to the mechanism of monothiopyrophosphate isomerization. <i>Journal of Molecular Modeling</i> , 2019, 25, 286.	0.8	3
22	Assessment of Nonnucleoside Inhibitors Binding to HIV-1 Reverse Transcriptase Using HYDE Scoring. <i>Pharmaceuticals</i> , 2019, 12, 64.	1.7	6
23	Discovery of Potent and Selective Halogen-Substituted Imidazole-Thiosemicarbazides for Inhibition of Toxoplasma gondii Growth In Vitro via Structure-Based Design. <i>Molecules</i> , 2019, 24, 1618.	1.7	16
24	Influence of Thiazolidine-2,4-Dione Derivatives with Azolidine or Thiosemicarbazone Moieties on Haemophilus spp. Planktonic or Biofilm-Forming Cells. <i>Molecules</i> , 2019, 24, 1051.	1.7	2
25	Systematic Identification of Thiosemicarbazides for Inhibition of Toxoplasma gondii Growth In Vitro. <i>Molecules</i> , 2019, 24, 614.	1.7	16
26	Synthesis, molecular docking, ctDNA interaction, DFT calculation and evaluation of antiproliferative and anti-Toxoplasma gondii activities of 2,4-diaminotriazine-thiazole derivatives. <i>Medicinal Chemistry Research</i> , 2018, 27, 1131-1148.	1.1	20
27	Synthesis and antibacterial activity of new (2,4-dioxothiazolidin-5-yl/ylidene)acetic acid derivatives with thiazolidine-2,4-dione, rhodanine and 2-thiohydantoin moieties. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 568-577.	1.2	34
28	Synthesis and <i>in vitro</i> antiproliferative and antibacterial activity of new thiazolidine-2,4-dione derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 17-24.	2.5	31
29	Synthesis and Antibacterial Activity of New Thiazolidine-2,4-dione-Based Chlorophenylthiosemicarbazone Hybrids. <i>Molecules</i> , 2018, 23, 1023.	1.7	28
30	Thiazoles with cyclopropyl fragment as antifungal, anticonvulsant, and anti-Toxoplasma gondii agents: synthesis, toxicity evaluation, and molecular docking study. <i>Medicinal Chemistry Research</i> , 2018, 27, 2125-2140.	1.1	28
31	Dual Antibacterial and Anticancer Activity of 4-Benzoyl-1-dichlorobenzoylthiosemicarbazide Derivatives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 529-540.	0.9	8
32	Synthesis and antibacterial activity of 1,4-dibenzoylthiosemicarbazide derivatives. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 1235-1242.	2.5	12
33	What do docking and QSAR tell us about the design of HIV-1 reverse transcriptase nonnucleoside inhibitors?. <i>Journal of Molecular Modeling</i> , 2017, 23, 317.	0.8	7
34	Metal(II) Ion Complexes with 5-(Pyrazin-2-yl)-2,4-dihydro-1,2,4-triazole-3-thione; Synthesis, Structural Characterization, Acid-base, and Complexing Properties in Solution. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1067-1074.	0.6	2
35	A Search for Dual Action HIV-1 Reverse Transcriptase, Bacterial RNA Polymerase Inhibitors. <i>Molecules</i> , 2017, 22, 1808.	1.7	3
36	Lipophilicity Studies on Thiosemicarbazide Derivatives. <i>Molecules</i> , 2017, 22, 952.	1.7	8

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37	Molecular mechanism of action and safety of 5-(3-chlorophenyl)-4-hexyl-2,4-dihydro-3 <i>H</i> -1,2,4-triazole-3-thione - a novel anticonvulsant drug candidate. <i>International Journal of Medical Sciences</i> , 2017, 14, 741-749.	1.1	19
38	Searching for novel scaffold of triazole non-nucleoside inhibitors of HIV-1 reverse transcriptase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1-9.	2.5	8
39	Thiazole-based nitrogen mustards: Design, synthesis, spectroscopic studies, DFT calculation, molecular docking, and antiproliferative activity against selected human cancer cell lines. <i>Journal of Molecular Structure</i> , 2016, 1119, 139-150.	1.8	21
40	Biological evaluation and molecular modelling study of thiosemicarbazide derivatives as bacterial type IIA topoisomerases inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 14-22.	2.5	18
41	Synthesis, Antibacterial Activity, Interaction with Nucleobase and Molecular Docking Studies of 4-Formylbenzoic Acid Based Thiazoles. <i>Medicinal Chemistry</i> , 2016, 12, 553-562.	0.7	14
42	Preliminary Pharmacological Screening of Some Thiosemicarbazide, s-triazole, and Thiadiazole Derivatives. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 730-739.	0.8	1
43	Determination of the Primary Molecular Target of 1,2,4-Triazole-Ciprofloxacin Hybrids. <i>Molecules</i> , 2015, 20, 6254-6272.	1.7	25
44	Search for human DNA topoisomerase II poisons in the group of 2,5-disubstituted-1,3,4-thiadiazoles. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 1021-1026.	2.5	13
45	Design, synthesis and biological evaluation of 4-benzoyl-1-dichlorobenzoylthiosemicarbazides as potent Gram-positive antibacterial agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 31, 1-7.	2.5	6
46	Search for factors affecting antibacterial activity and toxicity of 1,2,4-triazole-ciprofloxacin hybrids. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 94-103.	2.6	60
47	Structure-activity Relationship Studies of Microbiologically Active Thiosemicarbazides Derived from Hydroxybenzoic Acid Hydrazides. <i>Chemical Biology and Drug Design</i> , 2015, 85, 315-325.	1.5	14
48	Studies on the Anticonvulsant Activity and Influence on GABA-ergic Neurotransmission of 1,2,4-Triazole-3-thione- Based Compounds. <i>Molecules</i> , 2014, 19, 11279-11299.	1.7	35
49	Pharmacological and Structure-Activity Relationship Evaluation of 4-aryl-1-Diphenylacetyl(thio)semicarbazides. <i>Molecules</i> , 2014, 19, 4745-4759.	1.7	11
50	1,4-Disubstituted Thiosemicarbazide Derivatives are Potent Inhibitors of <i>Toxoplasma gondii</i> Proliferation. <i>Molecules</i> , 2014, 19, 9926-9943.	1.7	24
51	Triazole-Based Compound as a Candidate To Develop Novel Medicines To Treat Toxoplasmosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 7583-7585.	1.4	17
52	Studies on the anticonvulsant activity of 4-alkyl-1,2,4-triazole-3-thiones and their effect on GABAergic system. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 690-699.	2.6	56
53	Synthesis and In Vitro Antiproliferative Activity of Thiazole-Based Nitrogen Mustards: The Hydrogen Bonding Interaction between Model Systems and Nucleobases. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1271-1281.	0.9	22