

# Agata Paneth

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6318810/publications.pdf>

Version: 2024-02-01

53  
papers

824  
citations

430442

18  
h-index

552369

26  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1045  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Cytotoxic Properties of 1,3,4-Thiadiazole Derivatives—A Review. <i>Molecules</i> , 2020, 25, 4309.	1.7	40
4	RNA-Inspired and Accelerated Degradation of Polylactide in Seawater. <i>Journal of the American Chemical Society</i> , 2021, 143, 16673-16681.	6.6	37
5	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
6	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
7	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
8	Synthesis and Antibacterial Activity of New Thiazolidine-2,4-dione-Based Chlorophenylthiosemicarbazone Hybrids. <i>Molecules</i> , 2018, 23, 1023.	1.7	28
9	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
10	Design, synthesis and antimycobacterial activity of thiazolidine-2,4-dione-based thiosemicarbazone derivatives. <i>Bioorganic Chemistry</i> , 2020, 97, 103676.	2.0	26
11	Determination of the Primary Molecular Target of 1,2,4-Triazole-Ciprofloxacin Hybrids. <i>Molecules</i> , 2015, 20, 6254-6272.	1.7	25
12	1,4-Disubstituted Thiosemicarbazide Derivatives are Potent Inhibitors of Toxoplasma gondii Proliferation. <i>Molecules</i> , 2014, 19, 9926-9943.	1.7	24
13	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
14	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
15	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
16	Synthesis and Anthelmintic Activity of New Thiosemicarbazide Derivatives—A Preliminary Study. <i>Molecules</i> , 2020, 25, 2770.	1.7	20
17	Molecular mechanism of action and safety of 5-(3-chlorophenyl)-4-hexyl-2,4-dihydro-3H-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
18	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

#	ARTICLE	IF	CITATIONS
19	Triazole-Based Compound as a Candidate To Develop Novel Medicines To Treat Toxoplasmosis. Antimicrobial Agents and Chemotherapy, 2014, 58, 7583-7585.	1.4	17
20	Discovery of Potent and Selective Halogen-Substituted Imidazole-Thiosemicarbazides for Inhibition of Toxoplasma gondii Growth In Vitro via Structure-Based Design. Molecules, 2019, 24, 1618.	1.7	16
21	Systematic Identification of Thiosemicarbazides for Inhibition of Toxoplasma gondii Growth In Vitro. Molecules, 2019, 24, 614.	1.7	16
22	Synthesis and antimycobacterial activity of thiazolidine-2,4-dione based derivatives with halogenbenzohydrazones and pyridinecarbohydrazones substituents. European Journal of Medicinal Chemistry, 2020, 189, 112045.	2.6	16
23	Synthesis and In Vitro Anti-Toxoplasma gondii Activity of Novel Thiazolidin-4-one Derivatives. Molecules, 2019, 24, 3029.	1.7	15
24	Antibacterial Activity of Fluorobenzoylthiosemicarbazides and Their Cyclic Analogues with 1,2,4-Triazole Scaffold. Molecules, 2021, 26, 170.	1.7	15
25	Structure-activity Relationship Studies of Microbiologically Active Thiosemicarbazides Derived from Hydroxybenzoic Acid Hydrazides. Chemical Biology and Drug Design, 2015, 85, 315-325.	1.5	14
26	Synthesis, Antibacterial Activity, Interaction with Nucleobase and Molecular Docking Studies of 4-Formylbenzoic Acid Based Thiazoles. Medicinal Chemistry, 2016, 12, 553-562.	0.7	14
27	Search for human DNA topoisomerase II poisons in the group of 2,5-disubstituted-1,3,4-thiadiazoles. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 1021-1026.	2.5	13
28	Synthesis and antibacterial activity of 1,4-dibenzoylthiosemicarbazide derivatives. Biomedicine and Pharmacotherapy, 2017, 88, 1235-1242.	2.5	12
29	Pharmacological and Structure-Activity Relationship Evaluation of 4-aryl-1-Diphenylacetyl(thio)semicarbazides. Molecules, 2014, 19, 4745-4759.	1.7	11
30	Searching for novel scaffold of triazole non-nucleoside inhibitors of HIV-1 reverse transcriptase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1-9.	2.5	8
31	Lipophilicity Studies on Thiosemicarbazide Derivatives. Molecules, 2017, 22, 952.	1.7	8
32	Synthesis and Antibacterial Evaluation of Mannich Bases Derived from 1,2,4-Triazole. Chemistry and Biodiversity, 2019, 16, e1900377.	1.0	8
33	4-Arylthiosemicarbazide derivatives as a new class of tyrosinase inhibitors and anti-Toxoplasma gondii agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1145-1164.	2.5	8
34	Thiosemicarbazide Derivatives Decrease the ATPase Activity of Staphylococcus aureus Topoisomerase IV, Inhibit Mycobacterial Growth, and Affect Replication in Mycobacterium smegmatis. International Journal of Molecular Sciences, 2021, 22, 3881.	1.8	8
35	Dual Antibacterial and Anticancer Activity of 4-Benzoyl-1-dichlorobenzoylthiosemicarbazide Derivatives. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 529-540.	0.9	8
36	What do docking and QSAR tell us about the design of HIV-1 reverse transcriptase nonnucleoside inhibitors?. Journal of Molecular Modeling, 2017, 23, 317.	0.8	7

#	ARTICLE	IF	CITATIONS
37	New organometallic ruthenium(ii) complexes with purine analogs – a wide perspective on their biological application. Dalton Transactions, 2021, 50, 5557-5573.	1.6	7
38	Imidazole-Thiosemicarbazide Derivatives as Potent Anti-Mycobacterium tuberculosis Compounds with Antibiofilm Activity. Cells, 2021, 10, 3476.	1.8	7
39	Design, synthesis and biological evaluation of 4-benzoyl-1-dichlorobenzoylthiosemicarbazides as potent Gram-positive antibacterial agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 31, 1-7.	2.5	6
40	Assessment of Nonnucleoside Inhibitors Binding to HIV-1 Reverse Transcriptase Using HYDE Scoring. Pharmaceuticals, 2019, 12, 64.	1.7	6
41	Docking and QSAR of Aminothiureas at the SARS-CoV-2 S-Protein–Human ACE2 Receptor Interface. Molecules, 2020, 25, 4645.	1.7	6
42	Synergistic Effects of Thiosemicarbazides with Clinical Drugs against S. aureus. Molecules, 2020, 25, 2302.	1.7	6
43	1,3,4-Thiadiazoles Effectively Inhibit Proliferation of Toxoplasma gondii. Cells, 2021, 10, 1053.	1.8	6
44	4-Arylthiosemicarbazide Derivatives as Toxoplasmic Aromatic Amino Acid Hydroxylase Inhibitors and Anti-inflammatory Agents. International Journal of Molecular Sciences, 2022, 23, 3213.	1.8	4
45	A Search for Dual Action HIV-1 Reverse Transcriptase, Bacterial RNA Polymerase Inhibitors. Molecules, 2017, 22, 1808.	1.7	3
46	Quantum approach to the mechanism of monothiopyrophosphate isomerization. Journal of Molecular Modeling, 2019, 25, 286.	0.8	3
47	Machine Learning augmented docking studies of aminothiureas at the SARS-CoV-2–ACE2 interface. PLoS ONE, 2021, 16, e0256834.	1.1	3
48	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. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1067-1074.	0.6	2
49	Influence of Thiazolidine-2,4-Dione Derivatives with Azolidine or Thiosemicarbazone Moieties on Haemophilus spp. Planktonic or Biofilm-Forming Cells. Molecules, 2019, 24, 1051.	1.7	2
50	Isotopic Consequences of Host–Guest Interactions; Noncovalent Chlorine Isotope Effects. Journal of Physical Chemistry B, 2021, 125, 1874-1880.	1.2	2
51	Preliminary Pharmacological Screening of Some Thiosemicarbazide, s-triazole, and Thiadiazole Derivatives. CNS and Neurological Disorders - Drug Targets, 2016, 15, 730-739.	0.8	1
52	Unprecedentedly large <sup>37</sup> Cl/ <sup>35</sup> Cl equilibrium isotopic fractionation on nano-confinement of chloride anion. Scientific Reports, 2022, 12, 1768.	1.6	1
53	Influence of Association on Binding of Disaccharides to YKL-39 and hHyal-1 Enzymes. International Journal of Molecular Sciences, 2022, 23, 7705.	1.8	0