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List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Discovery of Cinnamylidene Derivative of Rhodanine with High Anthelmintic Activity against <i>Rhabditis</i> sp.. <i>Molecules</i> , 2022, 27, 2155.	3.8	5
2	Rationally designed N-phenylsulfonylindoles as a tool for the analysis of the non-basic 5-HT ₆ R ligands binding mode. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112916.	5.5	2
3	Room-temperature Bistability in a Ni-Fe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2330-2338.	13.8	30
4	Room-temperature Bistability in a Ni-Fe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity. <i>Angewandte Chemie</i> , 2021, 133, 2360-2368.	2.0	2
5	Rücktitelbild: Room-temperature Bistability in a Ni-Fe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity (<i>Angew. Chem.</i> 5/2021). <i>Angewandte Chemie</i> , 2021, 133, 2740-2740.	2.0	1
6	Asymmetric synthesis and in vivo/in vitro characterization of new hybrid anticonvulsants derived from (2,5-dioxopyrrolidin-1-yl)phenylacetamides. <i>Bioorganic Chemistry</i> , 2021, 109, 104751.	4.1	6
7	How can fluorine directly and indirectly affect the hydrogen bonding in molecular systems? A case study for monofluoroanilines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119536.	3.9	5
8	Atypical Ugi™ tetrazoles. <i>Chemical Communications</i> , 2020, 56, 1799-1802.	4.1	6
9	Flat or angular? The impact of the nitrogen atom hybridization on the docking results for arylpiperazine derivatives as an example. <i>Structural Chemistry</i> , 2020, 31, 823-829.	2.0	1
10	Fourfold symmetric MCR's via the tetraisocyanide 1,3-diisocyano-2,2-bis(isocyanomethyl)propane. <i>Chemical Communications</i> , 2020, 56, 10662-10665.	4.1	2
11	Diaminoimidazopyrimidines: Access via the Groebke-Blackburn-Bienaymé Reaction and Structural Data Mining. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5601-5605.	2.4	8
12	Copper-Catalyzed Modular Assembly of Polyheterocycles. <i>Journal of Organic Chemistry</i> , 2020, 85, 9915-9927.	3.2	11
13	Bismuth triiodide complexes: structure, spectroscopy, electronic properties, and memristive properties. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6136-6148.	5.5	6
14	Scaffolding-Induced Property Modulation of Chemical Space. <i>ACS Combinatorial Science</i> , 2020, 22, 356-360.	3.8	7
15	Influence of the position of the methyl substituent and N-oxide formation on the geometry and intermolecular interactions of 1-(phenoxyethyl)piperidin-4-ol derivatives. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 30-36.	0.5	5
16	Hitting on the move: Targeting intrinsically disordered protein states of the MDM2-p53 interaction. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111588.	5.5	9
17	Isocyanide-Based Multicomponent Reactions of Free Phenylboronic Acids. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6132-6137.	2.4	7
18	Electrostatic potential and non-covalent interactions analysis for the design of selective 5-HT ₇ ligands. <i>Journal of Molecular Graphics and Modelling</i> , 2019, 91, 130-139.	2.4	8

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19	2-Aminoimidazole-based antagonists of the 5-HT ₆ receptor – A new concept in aminergic GPCR ligand design. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 1-15.	5.5	20
20	Glycoconjugates via Phosphorus Ylides. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3632-3635.	2.4	1
21	Diverse Isoquinoline Scaffolds by Ugi/Pomeranz – Fritsch and Ugi/Schlittler – Müller Reactions. <i>Organic Letters</i> , 2019, 21, 3533-3537.	4.6	18
22	Cerium(IV) based oxidative free radical cyclization of active methylene compounds with some cyclic alkenes: A useful annulation method for terpene functionalization. <i>Tetrahedron</i> , 2019, 75, 2652-2663.	1.9	4
23	Acoustic Droplet Ejection Enabled Automated Reaction Scouting. <i>ACS Central Science</i> , 2019, 5, 451-457.	11.3	40
24	Sequential Multicomponent Synthesis of 2-(Imidazo[1,5-a]pyridin-4-yl)-1,3,4-oxadiazoles. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2029-2034.	2.4	8
25	Structure and Reactivity of Glycosyl Isocyanides. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 50-55.	2.4	2
26	Synthesis of Highly Substituted Imidazole Uracil Containing Molecules via Ugi-4CR and Passerini-3CR. <i>ACS Combinatorial Science</i> , 2018, 20, 192-196.	3.8	15
27	Discovery of chromenes as inhibitors of macrophage migration inhibitory factor. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 999-1005.	3.0	8
28	Two-Step Macrocyclic Synthesis by Classical Ugi Reaction. <i>Journal of Organic Chemistry</i> , 2018, 83, 1441-1447.	3.2	34
29	Library-to-Library Synthesis of Highly Substituted \pm -Aminomethyl Tetrazoles via Ugi Reaction. <i>ACS Combinatorial Science</i> , 2018, 20, 70-74.	3.8	15
30	Glutarimide Alkaloids Through Multicomponent Reaction Chemistry. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6714-6719.	2.4	15
31	Multicomponent Reaction Based Synthesis of 1-Tetrazolylimidazo[1,5-a]pyridines. <i>Organic Letters</i> , 2018, 20, 3871-3874.	4.6	22
32	The effect of the intramolecular H \cdots O interactions on the conformational preferences of bis-arylsulfones – 5-HT ₆ receptor antagonists and beyond. <i>RSC Advances</i> , 2018, 8, 18672-18681.	3.6	11
33	Triiodide Organic Salts: Photoelectrochemistry at the Border between Insulators and Semiconductors. <i>ChemElectroChem</i> , 2018, 5, 3486-3497.	3.4	8
34	Multifunctional arylsulfonamide derivatives with 5-HT ₆ /5-HT ₇ receptor antagonistic activity: a structural study. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 1477-1486.	0.5	1
35	De Novo Assembly of Highly Substituted Morpholines and Piperazines. <i>Organic Letters</i> , 2017, 19, 642-645.	4.6	35
36	Ammonia-Promoted One-Pot Tetrazolopiperidinone Synthesis by Ugi Reaction. <i>ACS Combinatorial Science</i> , 2017, 19, 343-350.	3.8	17

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37	Two Cycles with One Catch: Hydrazine in Ugi 4-CR and Its Postcyclizations. ACS Combinatorial Science, 2017, 19, 193-198.	3.8	19
38	Ugi Multicomponent Reaction Based Synthesis of Medium-Sized Rings. Organic Letters, 2017, 19, 6176-6179.	4.6	16
39	Concise Synthesis of Tetrazole Macrocycle. Organic Letters, 2017, 19, 5078-5081.	4.6	23
40	Two-Step Synthesis of Complex Artificial Macrocyclic Compounds. Angewandte Chemie, 2017, 129, 10865-10869.	2.0	9
41	Two-Step Synthesis of Complex Artificial Macrocyclic Compounds. Angewandte Chemie - International Edition, 2017, 56, 10725-10729.	13.8	37
42	Cysteine Isocyanide in Multicomponent Reaction: Synthesis of Peptido-Mimetic 1,3-Azoles. Journal of Organic Chemistry, 2017, 82, 9585-9594.	3.2	12
43	Diastereoselective one pot five-component reaction toward 4-(tetrazole)-1,3-oxazinanes. RSC Advances, 2017, 7, 49995-49998.	3.6	12
44	Artificial Macrocycles by Ugi Reaction and Passerini Ring Closure. Journal of Organic Chemistry, 2016, 81, 8789-8795.	3.2	37
45	Cleavable Î²-Cyanoethyl Isocyanide in the Ugi Tetrazole Reaction. Organic Letters, 2016, 18, 4762-4765.	4.6	19
46	A Unique Mdm2-Binding Mode of the 3-Pyrrolin-2-one- and 2-Furanone-Based Antagonists of the p53-Mdm2 Interaction. ACS Chemical Biology, 2016, 11, 3310-3318.	3.4	31
47	Î±-Amino Acid-Isosteric Î±-Amino Tetrazoles. Chemistry - A European Journal, 2016, 22, 3009-3018.	3.3	32
48	Versatile Protecting-Group Free Tetrazolomethane Amine Synthesis by Ugi Reaction. ACS Combinatorial Science, 2016, 18, 170-175.	3.8	15
49	Hydrazine in the Ugi Tetrazole Reaction. Synthesis, 2016, 48, 1122-1130.	2.3	25
50	Arylpiperazinylalkyl derivatives of 8-amino-1,3-dimethylpurine-2,6-dione as novel multitarget 5-HT/D receptor agents with potential antipsychotic activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1048-1062.	5.2	10
51	Rational design of 5-HT6R ligands using a bioisosteric strategy: synthesis, biological evaluation and molecular modelling. RSC Advances, 2015, 5, 25806-25815.	3.6	10
52	Novel spirohydantoin derivative as a potent multireceptor-active antipsychotic and antidepressant agent. Bioorganic and Medicinal Chemistry, 2015, 23, 3436-3447.	3.0	32
53	Application of dimedone enamines as dienophiles: stereoselective synthesis of amino enols of fused uracils containing a sugar moiety by hetero-Diels-Alder reactions of barbituric acid 5-ylidene alditols with dimedone enamines. Tetrahedron, 2015, 71, 8911-8924.	1.9	19
54	Versatile Multicomponent Reaction Macrocyclic Synthesis Using Î±-Isocyano-Î²-carboxylic Acids. Organic Letters, 2015, 17, 4980-4983.	4.6	55

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55	Crystal structures of IspF from Plasmodium falciparum and Burkholderia cenocepacia: comparisons inform antimicrobial drug target assessment. BMC Structural Biology, 2014, 14, 1.	2.3	34
56	Ratiometric fluorescent Zn ²⁺ and In ³⁺ receptors of fused pyrazine with an aminopropanol chain in acetonitrile. New Journal of Chemistry, 2014, 38, 213-226.	2.8	12
57	New 7-arylpiperazinylalkyl-8-morpholin-4-yl-purine-2,6-dione derivatives with anxiolytic activity – Synthesis, crystal structure and structure-activity study. Journal of Molecular Structure, 2014, 1067, 243-251.	3.6	10
58	Application of 2,4,6-trioxo-pyrimidin-5-ylidene alditols in the synthesis of pyrano[2,3-d]pyrimidines containing a sugar moiety by hetero-Diels-Alder reactions and by conjugate Michael addition-cyclizations. Tetrahedron, 2013, 69, 8216-8227.	1.9	26
59	Titanium(IV) Enolates of 2-Nitrocarboxylic Esters and Their Oxidative Chlorination. A Convenient Route to \pm -Chloro- \pm -nitrocarboxylates. Synlett, 2012, 2012, 267-271.	1.8	4
60	Enolates of 2-Isothiocyanatocarboxylic Esters: Synthesis of Thiazolo[5,4-d]-thiazole Derivatives and 2-Thioxo-1,3-thiazolidine-4-carboxylates. Synthesis, 2012, 44, 1736-1744.	2.3	2
61	DimethylDL-2,3-dibenzyl-2,3-diisothiocyanatosuccinate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1025-o1025.	0.2	0
62	An Approach to 2,3-Diaminosuccinic Acid Derivatives – Synthesis of 2-Thioxo-1,3-Imidazolidines by a Mannich Reaction. Australian Journal of Chemistry, 2012, 65, 333.	0.9	2
63	A triclinic crystal form of <i>Escherichia coli</i> 4-diphosphocytidyl-2-methyl-erythritol kinase and reassessment of the quaternary structure. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 237-241.	0.7	11
64	Nucleophilic Addition onto Methyl-4H-1,4-oxazine-3-carboxylate Moiety: Short Access to 1,4-Diazine Privileged Substructures. Journal of Organic Chemistry, 2009, 74, 2911-2914.	3.2	12
65	Intermolecular Interactions in Crystalline Hydroxychloroquine Sulfate in Comparison with Those in Selected Antimalarial Drugs. Journal of Chemical Crystallography, 2008, 38, 333-338.	1.1	11
66	Synthesis and reactivity of bis(cycloamidinium-2-yl)alkane bromide tribromides, brominating agents and tectons for molecular engineering. Monatshefte für Chemie, 2008, 139, 543-548.	1.8	7
67	Bitter sweeteners: tetrazole derivatives of arylsulfonylalkanoids – synthesis, structure and comparative study. Acta Crystallographica Section B: Structural Science, 2008, 64, 760-770.	1.8	0
68	Molecular geometry of antimalarial amodiaquine in different crystalline environments. Journal of Molecular Structure, 2008, 875, 32-41.	3.6	12
69	A Simple Synthesis of New 2-Thioxoimidazolidine-4,5-dicarboxylates from Vicinal Diisothiocyanatocarboxylates. Synthesis, 2008, 2008, 3261-3266.	2.3	7
70	Intramolecular rhodium-catalyzed activation of $\hat{\text{C}}\text{-H}$ bonds: decisive influence of conformational factors in the synthesis of bicyclic amins from N-sulfamoyloxyacetyl azacycloalkanes. Tetrahedron Letters, 2007, 48, 8531-8535.	1.4	21
71	Succinonitrile Activated by Thiating Agents as Precursor of Bis-cyclic Amidines, Tectons for Molecular Engineering. Monatshefte für Chemie, 2007, 138, 1273-1277.	1.8	6