

Johan Wouters

List of Publications by Year in descending order

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301
papers

7,972
citations

50276

46
h-index

85541

71
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317
all docs

317
docs citations

317
times ranked

10512
citing authors

#	ARTICLE	IF	CITATIONS
1	Taming the Lewis Superacidity of Non-Planar Boranes: C-H Bond Activation and Non-Classical Binding Modes at Boron. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	33
2	Discovery of small molecules interacting at lactate dehydrogenases tetrameric interface using a biophysical screening cascade. <i>European Journal of Medicinal Chemistry</i> , 2022, 230, 114102.	5.5	0
3	Structural study of bioisosteric derivatives of 5-(1 <i>H</i> -indol-3-yl)-benzotriazole and their ability to form chalcogen bonds. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 418-424.	0.5	0
4	Calix[6]arenes with halogen bond donor groups as selective and efficient anion transporters. <i>Chemical Communications</i> , 2022, 58, 6255-6258.	4.1	16
5	Balancing fluorescence and singlet oxygen formation in push-pull type near-infrared BODIPY photosensitizers. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9344-9355.	5.5	11
6	Investigation of bound and unbound phosphoserine phosphatase conformations through elastic network models and molecular dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 3958-3974.	3.5	1
7	Taking advantage of solvate formation to modulate drug-drug ratio in clofazimium diclofenac salts. <i>CrystEngComm</i> , 2021, 23, 185-201.	2.6	8
8	Methylene Bridging Effect on the Structures, Lewis Acidities and Optical Properties of Semi-Planar Triarylboranes. <i>Chemistry - A European Journal</i> , 2021, 27, 1736-1743.	3.3	1
9	Heteroleptic enantiopure Pd(II)-complexes derived from halogen-substituted Schiff bases and 2-picolylamine: synthesis, experimental and computational characterization and investigation of the influence of chirality and halogen atoms on the anticancer activity. <i>New Journal of Chemistry</i> , 2021, 45, 9163-9180.	2.8	9
10	Discovery of a novel lactate dehydrogenase tetramerization domain using epitope mapping and peptides. <i>Journal of Biological Chemistry</i> , 2021, 296, 100422.	3.4	7
11	Triptycene Boronates, Boranes, and Boron Ate-Complexes: Toward Sterically Hindered Triarylboranes and Trifluoroborates. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1440-1445.	2.4	0
12	Synthesis of Azolium-2-thiocarboxylate Zwitterions under Mild, Aerobic Conditions. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2025-2033.	2.4	7
13	Structure and Dynamics of an Archeal Monoglyceride Lipase from <i>Palaeococcus ferrophilus</i> as Revealed by Crystallography and In Silico Analysis. <i>Biomolecules</i> , 2021, 11, 533.	4.0	2
14	Aconitate decarboxylase 1 participates in the control of pulmonary <i>Brucella</i> infection in mice. <i>PLoS Pathogens</i> , 2021, 17, e1009887.	4.7	15
15	Key amino acid residues in homoserine-acetyltransferase from <i>M. tuberculosis</i> give insight into the evolution of MetX family of enzymes - HAT, SAT and HST. <i>Biochimie</i> , 2021, 189, 13-25.	2.6	2
16	Copper(II) complexes with tridentate halogen-substituted Schiff base ligands: synthesis, crystal structures and investigating the effect of halogenation, leaving groups and ligand flexibility on antiproliferative activities. <i>Dalton Transactions</i> , 2021, 50, 3990-4007.	3.3	28
17	Crystal structures of two alanyl piperidine analogues. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 1095-1098.	0.5	0
18	Temporary Intermediates of L-Trp Along the Reaction Pathway of Human Indoleamine 2,3-Dioxygenase 1 and Identification of an Exo Site. <i>International Journal of Tryptophan Research</i> , 2021, 14, 117864692110529.	2.3	3

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19	Antimicrobial Activity of a Repurposed Harmine-Derived Compound on Carbapenem-Resistant <i>Acinetobacter baumannii</i> Clinical Isolates. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 789672.	3.9	1
20	Transmembrane (TMEM) protein family members: Poorly characterized even if essential for the metastatic process. <i>Seminars in Cancer Biology</i> , 2020, 60, 96-106.	9.6	67
21	A new potential anti-cancer beta-carboline derivative decreases the expression levels of key proteins involved in glioma aggressiveness: A proteomic investigation. <i>Drug Development Research</i> , 2020, 81, 32-42.	2.9	7
22	Selective recognition of small hydrogen bond acceptors by a calix[6]arene-based molecular container. <i>Supramolecular Chemistry</i> , 2020, 32, 23-29.	1.2	1
23	Merocyanines in a Halogen-Bonded Network Involving Inorganic Building Blocks. <i>Crystal Growth and Design</i> , 2020, 20, 608-616.	3.0	10
24	Unraveling the Effects of Co-Crystallization on the UV/Vis Absorption Spectra of an N-Salicylideneaniline Derivative. A Computational RI-CC2 Investigation. <i>Molecules</i> , 2020, 25, 4512.	3.8	1
25	Combining Two Antitubercular Drugs, Clofazimine and 4-Aminosalicylic Acid, in Order to Improve Clofazimine Aqueous Solubility and 4-Aminosalicylic Acid Thermal Stability. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 3645-3652.	3.3	4
26	MetA (Rv3341) from <i>Mycobacterium tuberculosis</i> H37Rv strain exhibits substrate dependent dual role of transferase and hydrolase activity. <i>Biochimie</i> , 2020, 179, 113-126.	2.6	5
27	Combining API in a dual-drug ternary cocrystal approach. <i>Chemical Communications</i> , 2020, 56, 13229-13232.	4.1	8
28	Improving Nefiracetam Dissolution and Solubility Behavior Using a Cocrystallization Approach. <i>Pharmaceutics</i> , 2020, 12, 653.	4.5	16
29	Chiral Resolution of Mandelic Acid through Preferential Cocrystallization with Nefiracetam. <i>Crystal Growth and Design</i> , 2020, 20, 7979-7988.	3.0	24
30	Biochemical characterization of phosphoserine phosphatase SerB2 from <i>Mycobacterium marinum</i> . <i>Biochemical and Biophysical Research Communications</i> , 2020, 530, 739-744.	2.1	2
31	Innentitelbild: Controlled Generation of 9-Boratriptycene by Lewis Adduct Dissociation: Accessing a Non-Planar Triarylborane (<i>Angew. Chem.</i> 30/2020). <i>Angewandte Chemie</i> , 2020, 132, 12322-12322.	2.0	0
32	1,8,10-Trisubstituted anthracenyl hydrocarbons: Towards versatile scaffolds for multiple-H-bonded recognition arrays. <i>Tetrahedron</i> , 2020, 76, 131299.	1.9	3
33	Chiral Resolution of <i>RS</i> -Oxiracetam upon Cocrystallization with Pharmaceutically Acceptable Inorganic Salts. <i>Crystal Growth and Design</i> , 2020, 20, 2602-2607.	3.0	18
34	Identification and Repurposing of Trisubstituted Harmine Derivatives as Novel Inhibitors of <i>Mycobacterium tuberculosis</i> Phosphoserine Phosphatase. <i>Molecules</i> , 2020, 25, 415.	3.8	9
35	Controlled Generation of 9-Boratriptycene by Lewis Adduct Dissociation: Accessing a Non-Planar Triarylborane. <i>Angewandte Chemie</i> , 2020, 132, 12502-12506.	2.0	25
36	Controlled Generation of 9-Boratriptycene by Lewis Adduct Dissociation: Accessing a Non-Planar Triarylborane. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12402-12406.	13.8	46

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37	Pharmacomodulations of the benzoyl-thiosemicarbazide scaffold reveal antimicrobial agents targeting d-alanyl-d-alanine ligase in bacterio. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112444.	5.5	20
38	Influence of the presence of the heme cofactor on the JK-loop structure in indoleamine 2,3-dioxygenase 1. <i>Acta Crystallographica Section D: Structural Biology</i> , 2020, 76, 1211-1221.	2.3	12
39	Synthesis, crystal structure and conformational analysis of an unexpected [1,5]dithiocine product of aminopyridine and thiovanillin. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 205-211.	0.5	1
40	Regio- and Diastereoselective Functionalization of 3-Amino- α -hexahydrooxazoninones. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 36-40.	2.4	3
41	Complementary Synthetic Approaches toward 9-Phosphatriptycene and Structure- \leftrightarrow Reactivity Investigations of Its Association with Sterically Hindered Lewis Acids. <i>Journal of Organic Chemistry</i> , 2019, 84, 11268-11274.	3.2	15
42	Periodic DFT Study of the Effects of Co-Crystallization on a N-Salicylideneaniline Molecular Switch. <i>ChemPhysChem</i> , 2019, 20, 2434-2442.	2.1	3
43	Structural variety of clofaziminium salts: effect of the counter-ion on clofaziminium conformation and crystal packing. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 674-686.	1.1	3
44	Identifying, Characterizing, and Understanding Nefiracetam in Its Solid State Forms: A Potential Antidementia Drug. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3616-3622.	3.3	3
45	A coloring tool for spiropyran: solid state metal-organic complexation versus salification. <i>CrystEngComm</i> , 2019, 21, 4925-4933.	2.6	9
46	A Simple and Efficient Mechanochemical Route for the Synthesis of Salophen Ligands and of the Corresponding Zn, Ni, and Pd Complexes. <i>Molecules</i> , 2019, 24, 2314.	3.8	15
47	Pushing the Lewis Acidity Boundaries of Boron Compounds With Non-Planar Triarylboranes Derived from Triptycenes. <i>Angewandte Chemie</i> , 2019, 131, 17045-17049.	2.0	25
48	Pushing the Lewis Acidity Boundaries of Boron Compounds With Non-Planar Triarylboranes Derived from Triptycenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16889-16893.	13.8	66
49	Molecular Recognition of Strong Acids by Using a π -Ureido- π -Ferrocenyl Pyrimidine Receptor. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4095-4104.	2.0	2
50	Potentialization of anticancer agents by identification of new chemosensitizers active under hypoxia. <i>Biochemical Pharmacology</i> , 2019, 162, 224-236.	4.4	4
51	New Insights into Photochromic Properties of <i>N</i> -Salicylideneaniline Derivatives Using a Cocrystal Engineering Approach. <i>Crystal Growth and Design</i> , 2019, 19, 5544-5556.	3.0	11
52	Targeting the Serine Pathway: A Promising Approach against Tuberculosis?. <i>Pharmaceuticals</i> , 2019, 12, 66.	3.8	19
53	Structural Analysis of <i>d</i> -Phenylglycinamide Salts Uncovers Potential Pitfalls in Chiral Resolution via Diastereomeric Salt Formation. <i>Crystal Growth and Design</i> , 2019, 19, 3652-3659.	3.0	11
54	Anti-alcohol abuse drug disulfiram inhibits human PHGDH via disruption of its active tetrameric form through a specific cysteine oxidation. <i>Scientific Reports</i> , 2019, 9, 4737.	3.3	39

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55	Design and Synthesis of a New Soluble Natural \hat{I}^2 -Carboline Derivative for Preclinical Study by Intravenous Injection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1491.	4.1	8
56	Crystal structures and snapshots along the reaction pathway of human phosphoserine phosphatase. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 592-604.	2.3	11
57	The Use of Switchable Polarity Solvents for the Synthesis of 16 Arylidene Steroids via Claisen-Schmidt Condensation. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3236-3244.	2.4	9
58	Acidochromic spiropyran merocyanine stabilisation in the solid state. <i>CrystEngComm</i> , 2018, 20, 3318-3327.	2.6	17
59	Opening Pandora's Box: Chirality, Polymorphism, and Stoichiometric Diversity in Flurbiprofen/Proline Cocrystals. <i>Crystal Growth and Design</i> , 2018, 18, 954-961.	3.0	44
60	Tetraphenylborate Anion Induces Photochromism in N-Salicylideneamino-1-alkylpyridinium Derivatives Through Formation of Tetra-Aryl Boxes. <i>Journal of Physical Chemistry C</i> , 2018, 122, 10999-11007.	3.1	13
61	Exploring polymorphism and stoichiometric diversity in naproxen/proline cocrystals. <i>CrystEngComm</i> , 2018, 20, 7308-7321.	2.6	23
62	1-(2-Hydroxybenzoyl)-thiosemicarbazides are promising antimicrobial agents targeting d-alanine-d-alanine ligase in bacterio. <i>European Journal of Medicinal Chemistry</i> , 2018, 159, 324-338.	5.5	20
63	Formalizing the mechanism of the allylic substitution reaction (S_N^2): application to the highly enantio- and diastereo-selective syntheses of 1-phenyl-2-vinyl-cyclopentanes. <i>Arkivoc</i> , 2018, 2018, 308-333.	0.5	1
64	Convenient one-pot formation of highly functionalized 5-bromo-2-aminothiazoles, potential endocannabinoid hydrolase MAGL inhibitors. <i>Tetrahedron Letters</i> , 2018, 59, 4315-4319.	1.4	10
65	Templated Chromophore Assembly on Peptide Scaffolds: A Structural Evolution. <i>Chemistry - A European Journal</i> , 2018, 24, 16136-16148.	3.3	16
66	Playing with Isomerism: Cocrystallization of Isomeric N-Salicylideneaminopyridines with Perfluorinated Compounds as Halogen Bond Donors and Its Impact on Photochromism. <i>Crystal Growth and Design</i> , 2018, 18, 6833-6842.	3.0	25
67	Halogen-bonded cocrystals of N-salicylidene Schiff bases and iodoperfluorinated benzenes: hydroxyl oxygen as a halogen bond acceptor. <i>CrystEngComm</i> , 2018, 20, 5332-5339.	2.6	17
68	Direct Access by Mechanochemistry or Sonochemistry to Protonated Merocyanines: Components of a Four-State Molecular Switch. <i>ChemistryOpen</i> , 2018, 7, 520-526.	1.9	7
69	Effects of Empirical Dispersion Energy on the Geometrical Parameters and Relative Energy of a Salicylideneaniline Molecular Switch in the Solid State. <i>Crystals</i> , 2018, 8, 125.	2.2	6
70	A Possible Infinite Number of Components in a Single Crystalline Phase: On the Isomorphism of Brivaracetam Guest Molecules. <i>Crystal Growth and Design</i> , 2018, 18, 4807-4810.	3.0	3
71	Synthesis of 4- and 5-arylthiazolinethiones as inhibitors of indoleamine 2,3-dioxygenase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3607-3610.	2.2	3
72	A Study of Fasoracetam's Solid State Forms: A Potential Anti-Alzheimer Pharmaceutical. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1317-1321.	3.3	4

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73	Assessing Density Functional Theory Approaches for Predicting the Structure and Relative Energy of Salicylideneaniline Molecular Switches in the Solid State. <i>Journal of Physical Chemistry C</i> , 2017, 121, 6898-6908.	3.1	25
74	Halogen-Bond Effects on the Thermo- and Photochromic Behaviour of Anil-Based Molecular Co-Crystals. <i>Chemistry - A European Journal</i> , 2017, 23, 5317-5329.	3.3	52
75	Synthesis of 16 β -amino-pregnenolone derivatives via ionic liquid-catalyzed aza-Michael addition and their evaluation as C 17,20 -lyase inhibitors. <i>Steroids</i> , 2017, 123, 61-66.	1.8	10
76	Data in support of a harmine-derived beta-carboline in vitro effects in cancer cells through protein synthesis. <i>Data in Brief</i> , 2017, 12, 546-551.	1.0	4
77	Human DNA (cytosine-5)-methyltransferases: a functional and structural perspective for epigenetic cancer therapy. <i>Biochimie</i> , 2017, 139, 137-147.	2.6	13
78	Encapsulation and solid state sequestration of gases by calix[6]arene-based molecular containers. <i>Chemical Communications</i> , 2017, 53, 6468-6471.	4.1	6
79	Stereospecific Winding of Polycyclic Aromatic Hydrocarbons into Trinacria Propellers. <i>Chemistry - A European Journal</i> , 2017, 23, 15348-15354.	3.3	9
80	A harmine-derived beta-carboline displays anti-cancer effects in vitro by targeting protein synthesis. <i>European Journal of Pharmacology</i> , 2017, 805, 25-35.	3.5	46
81	Versatile Self-Adapting Boronic Acids for H-Bond Recognition: From Discrete to Polymeric Supramolecules. <i>Journal of the American Chemical Society</i> , 2017, 139, 2710-2727.	13.7	41
82	Stereospecific Winding of Polycyclic Aromatic Hydrocarbons into Trinacria Propellers. <i>Chemistry - A European Journal</i> , 2017, 23, 15237-15237.	3.3	0
83	Selective recognition of quaternary ammonium ions and zwitterions by using a biomimetic bis-calix[6]arene-based receptor. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8967-8974.	2.8	16
84	Toward Fractioning of Isomers through Binding-Induced Acceleration of Azobenzene Switching. <i>Journal of the American Chemical Society</i> , 2017, 139, 18271-18280.	13.7	10
85	Inhibition studies of DNA methyltransferases by maleimide derivatives of RG108 as non-nucleoside inhibitors. <i>Future Medicinal Chemistry</i> , 2017, 9, 1465-1481.	2.3	22
86	Copper-Catalyzed Alkenylation of Cyanamides. <i>Organic Letters</i> , 2017, 19, 6276-6279.	4.6	8
87	Cocrystallization out of the blue: dl-mandelic acid/ethyl-dl-mandelate cocrystal. <i>Journal of Molecular Structure</i> , 2017, 1127, 397-402.	3.6	5
88	A Structural Analysis of Spiropyran and Spirooxazine Compounds and Their Polymorphs. <i>Crystals</i> , 2017, 7, 84.	2.2	18
89	Synthesis and Crystallographic Characterization of a Maleimide Derivative of Tryptamine. <i>Crystals</i> , 2016, 6, 153.	2.2	6
90	Supramolecular Wiring of Benzo[1,3 α]chalcogenazoles through Programmed Chalcogen Bonding Interactions. <i>Chemistry - A European Journal</i> , 2016, 22, 5665-5675.	3.3	105

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91	Synthesis of 2-Ureido-4-ferrocenyl Pyrimidine Guests. Investigation of Complementary Molecular Recognition of 2,6-Diaminopyridine. <i>Organometallics</i> , 2016, 35, 4023-4032.	2.3	7
92	Conformation and tautomerism of methoxy-substituted 4-phenyl-4-thiazoline-2-thiones: a combined crystallographic and <i>ab initio</i> investigation. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016, 72, 421-425.	0.5	2
93	A selective calix[6]arene-based fluorescent chemosensor for phosphatidylcholine type lipids. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10201-10207.	2.8	11
94	Targeting an Aromatic Hotspot in <i>Plasmodium falciparum</i> 1-Deoxy-5-phosphate Reductoisomerase with Arylpropyl Analogues of Fosmidomycin. <i>ChemMedChem</i> , 2016, 11, 2024-2036.	3.2	17
95	Peculiar Case of Levetiracetam and Etiracetam \pm Ketoglutaric Acid Cocrystals: Obtaining a Stable Conglomerate of Etiracetam. <i>Crystal Growth and Design</i> , 2016, 16, 5273-5282.	3.0	19
96	Synthesis of Tertiary Enamides by Ag ₂ CO ₃ -Promoted Pd-Catalyzed Alkenylation of Acyclic Secondary Amides. <i>Organic Letters</i> , 2016, 18, 4844-4847.	4.6	21
97	A nano-sized container for specific encapsulation of isolated water molecules. <i>Chemical Communications</i> , 2016, 52, 14109-14112.	4.1	1
98	Polymorphic and Isomorphic Cocrystals of a <i>N</i> -Salicylidene-3-aminopyridine with Dicarboxylic Acids: Tuning of Solid-State Photo- and Thermochromism. <i>Journal of Physical Chemistry C</i> , 2016, 120, 10001-10008.	3.1	51
99	Synthesis, evaluation and structure-activity relationship of new 3-carboxamide coumarins as FXIIa inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2016, 110, 181-194.	5.5	41
100	Structural basis for recognition of histone H3K36me3 nucleosome by human de novo DNA methyltransferases 3A and 3B. <i>Journal of Structural Biology</i> , 2016, 194, 357-367.	2.8	103
101	Reinvestigation of the Branimycin Stereochemistry at Position 17-C. <i>Organic Letters</i> , 2016, 18, 780-783.	4.6	11
102	How does binding of imidazole-based inhibitors to heme oxygenase-1 influence their conformation? Insights combining crystal structures and molecular modelling. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2015, 71, 447-454.	1.1	5
103	Walking Down the Chalcogenic Group of the Periodic Table: From Singlet to Triplet Organic Emitters. <i>Chemistry - A European Journal</i> , 2015, 21, 15377-15387.	3.3	51
104	Probing the Diastereoselectivity of Staudinger Reactions Catalyzed by N -Heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2015, 21, 10870-10877.	3.3	11
105	<i>N</i> -Acyated sulfonamide congeners of fosmidomycin lack any inhibitory activity against DXR. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1577-1579.	2.2	2
106	Synthesis of novel 13 \pm -18-norandrostane-ferrocene conjugates via homogeneous catalytic methods and their investigation on TRPV1 receptor activation. <i>Steroids</i> , 2015, 104, 284-293.	1.8	9
107	Stereoselective Synthesis of Boat-Locked Glycosides Designed as Glycosyl Hydrolase Conformational Probes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1472-1484.	2.4	5
108	3D-QSAR, design, synthesis and characterization of trisubstituted harmine derivatives with <i>in vitro</i> antiproliferative properties. <i>European Journal of Medicinal Chemistry</i> , 2015, 94, 45-55.	5.5	19

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109	Structural and energy insights on solid-state complexes with trimethoprim: a combined theoretical and experimental investigation. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2015, 71, 406-415.	1.1	1
110	Structural Investigation of Substituent Effect on Hydrogen Bonding in (<i>S</i>)-Phenylglycine Amide Benzaldimines. <i>Crystal Growth and Design</i> , 2015, 15, 4005-4019.	3.0	6
111	Preparation and characterization of a new harmine-based antiproliferative compound in complex with cyclodextrin: Increasing solubility while maintaining biological activity. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 77, 135-140.	4.0	11
112	Supramolecular Assistance for the Selective Demethylation of Calixarene-Based Receptors. <i>Journal of Organic Chemistry</i> , 2015, 80, 5084-5091.	3.2	28
113	Solid-State Investigation of Polymorphism and Tautomerism of Phenylthiazole-thione: A Combined Crystallographic, Calorimetric, and Theoretical Survey. <i>Crystal Growth and Design</i> , 2015, 15, 2461-2473.	3.0	25
114	Mechanochemical synthesis of phthalimides with crystal structures of intermediates and products. <i>CrystEngComm</i> , 2015, 17, 2523-2528.	2.6	7
115	Synthesis and Bioactivity of β -Substituted Fosmidomycin Analogues Targeting 1-Deoxy-xylulose-5-phosphate Reductoisomerase. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2988-3001.	6.4	34
116	Selective Recognition of Phosphatidylcholine Lipids by a Biomimetic Calix[6]tube Receptor. <i>Journal of Organic Chemistry</i> , 2015, 80, 8720-8726.	3.2	13
117	A Biomimetic Heteroditopic Receptor for Zwitterions in Protic Media. <i>Chemistry - an Asian Journal</i> , 2015, 10, 440-446.	3.3	10
118	Synthetic Fosmidomycin Analogues with Altered Chelating Moieties Do Not Inhibit 1-Deoxy-D-xylulose 5-phosphate Reductoisomerase or <i>Plasmodium falciparum</i> Growth In Vitro. <i>Molecules</i> , 2014, 19, 2571-2587.	3.8	14
119	Structural analysis of some bis-(8-isopropyl-isoquinolinium) derivatives reveals a preferential folded conformation leading to a stereoselective attack by sodium borohydride. <i>Journal of Molecular Structure</i> , 2014, 1074, 435-440.	3.6	0
120	Bis-(1,2,3,4-tetrahydroisoquinolinium): A Chiral Scaffold for Developing High-Affinity Ligands for SK Channels. <i>ChemMedChem</i> , 2014, 9, 737-740.	3.2	6
121	Chemical modifications of the N-methyl-laudoanine scaffold point to new directions for SK channels exploration. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5616-5620.	2.2	1
122	Pharmaceutical salts and cocrystals involving amino acids: A brief structural overview of the state-of-art. <i>European Journal of Medicinal Chemistry</i> , 2014, 74, 411-426.	5.5	95
123	Thiosemicarbazide, a fragment with promising indolamine-2,3-dioxygenase (IDO) inhibition properties. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 96-105.	5.5	33
124	Synthesis of ferrocene-labelled 2-aminopyrimidine derivatives via homogeneous catalytic carbonylation. <i>Monatshefte für Chemie</i> , 2014, 145, 1981-1986.	1.8	1
125	Determination of Kinetics and the Crystal Structure of a Novel Type 2 Isopentenyl Diphosphate: Dimethylallyl Diphosphate Isomerase from <i>Streptococcus pneumoniae</i> . <i>ChemBioChem</i> , 2014, 15, 1452-1458.	2.6	9
126	How Cocrystallization Affects Solid-State Tautomerism: Stanozolol Case Study. <i>Crystal Growth and Design</i> , 2014, 14, 3408-3422.	3.0	15

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127	Structural insight into cocrystallization with zwitterionic co-formers: cocrystals of S-naproxen. <i>CrystEngComm</i> , 2014, 16, 8185.	2.6	31
128	Cocrystal Formation between Chiral Compounds: How Cocrystals Differ from Salts. <i>Crystal Growth and Design</i> , 2014, 14, 3996-4004.	3.0	57
129	Palladium-Nanoparticle-Catalyzed 1,7-Palladium Migration Involving C-H Activation, Followed by Intramolecular Amination: Regioselective Synthesis of N1-Arylbenzotriazoles and an Evaluation of Their Inhibitory Activity toward Indoleamine 2,3-Dioxygenase. <i>Journal of Organic Chemistry</i> , 2014, 79, 6366-6371.	3.2	43
130	2,5-Diamide-Substituted Five-Membered Heterocycles: Challenging Molecular Synthons. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5487-5500.	2.4	15
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