

Nilo Zanatta

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

371
papers

7,572
citations

37
h-index

68
g-index

513
ext. papers

8,373
ext. citations

3.4
avg, IF

5.47
L-index

#	Paper	IF	Citations
371	Fluorinated N-quinoline-based boron complexes: Synthesis, photophysical properties, and selective DNA/BSA biointeraction. <i>Journal of Molecular Structure</i> , 2022 , 1255, 132444	3.4	0
370	Trifluoromethyl-substituted aryldiazenyl-pyrazolo[1,5-a]pyrimidin-2-amines: Regioselective synthesis, structure, and optical properties. <i>Journal of Fluorine Chemistry</i> , 2022 , 255-256, 109967	2.1	1
369	Reactivity of trifluoromethyl-tetrazolo[1,5-a]pyrimidines in click chemistry and hydrogenation. <i>Journal of Fluorine Chemistry</i> , 2022 , 257-258, 109973	2.1	
368	Solution and Solid-State Optical Properties of Trifluoromethylated 5-(Alkyl/aryl/heteroaryl)-2-methyl-pyrazolo[1,5-a]pyrimidine System. <i>Photochem</i> , 2022 , 2, 345-357		0
367	Photophysical, photostability, and ROS generation properties of new trifluoromethylated quinoline-phenol Schiff bases.. <i>Beilstein Journal of Organic Chemistry</i> , 2021 , 17, 2799-2811	2.5	1
366	7-Amine-spiro[chromeno[4,3-b]quinoline-6,1@cycloalkanes]: Synthesis and cholinesterase inhibitory activity of structurally modified tacrines. <i>Bioorganic Chemistry</i> , 2021 , 108, 104649	5.1	2
365	Antimicrobial and Toxicity Evaluation of Imidazolium-Based Dicationic Ionic Liquids with Dicarboxylate Anions. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
364	A novel 1-((3-(2-toluyyl)-4,5-dihydroisoxazol-5-yl)methyl)-4-(trifluoromethyl)pyrimidin-2(1H)-one activates intrinsic mitochondria-dependent pathway and decreases angiogenesis in PC-3 cells. <i>European Journal of Pharmacology</i> , 2021 , 899, 174028	5.3	1
363	Formation of a penta- or hexacoordinated Cu(II) semicarbazone complex: Revisiting semicarbazone metal complexes. <i>Journal of Molecular Structure</i> , 2021 , 1231, 129942	3.4	1
362	Synthesis of Highly Functionalized 4-Amino-2-(trifluoromethyl)-1H-pyrroles. <i>Synthesis</i> , 2021 , 53, 2841-2849	4.9	1
361	2,2,2-trifluoro-1-(1,4,5,6-tetrahydropyridin-3-yl)ethanone derivative as efflux pump inhibitor in Mycobacterium tuberculosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 42, 128088	2.9	1
360	Packing and Conformational Polymorphism in 1,2-Bis(aminocarbonyl(1-tert-butyl-1H-pyrazol-(3)5-yl))ethanes: Illuminating Examples of Highly Flexible Molecules. <i>Crystal Growth and Design</i> , 2021 , 21, 4690-4706	3.5	0
359	Haloacetylated Enol Ethers: a Way Out for the Regioselective Synthesis of Biologically Active Heterocycles. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 3886-3911	3.2	2
358	New 1-(Spiro[chroman-2,1?-cycloalkan]-4-yl)-1H-1,2,3-Triazoles: Synthesis, QTAIM/MEP analyses, and DNA/HSA-binding assays. <i>Journal of Molecular Liquids</i> , 2021 , 324, 114729	6	9
357	Heating Profile of Long Alkyl Chain Ionic Liquid Doped Solvents Under Ultrasound Irradiation. <i>Journal of Solution Chemistry</i> , 2021 , 50, 240-256	1.8	
356	Design, Synthesis, and Cholinesterase Inhibitory Activity of 4-Substituted-6-(trihalomethyl)-2-methylsulfanyl Pyrimidines. <i>ChemistrySelect</i> , 2021 , 6, 1204-1209	1.8	2
355	4-(Trifluoromethyl) coumarin-fused pyridines: Regioselective synthesis and photophysics, electrochemical, and antioxidative activity. <i>Journal of Fluorine Chemistry</i> , 2021 , 248, 109822	2.1	3

354	Ultrasound-assisted synthesis of pyrimidines and their fused derivatives: A review. <i>Ultrasonics Sonochemistry</i> , 2021 , 79, 105683	8.9	7
353	Novel 7-(1H-pyrrol-1-yl)spiro[chromeno[4,3-b]quinoline-6,1'-cycloalkanes]: synthesis, cross-coupling reactions, and photophysical properties. <i>New Journal of Chemistry</i> , 2021 , 45, 4061-4070	3.6	3
352	Hybridized 4-Trifluoromethyl-(1,2,3-Triazol-1-yl)quinoline System: Synthesis, Photophysics, Selective DNA/HSA Bio-Interactions and Molecular Docking. <i>ChemBioChem</i> , 2021 ,	3.8	1
351	Pyrazole-Enaminones as Promising Prototypes for the Development of Analgesic Drugs. <i>ChemistrySelect</i> , 2020 , 5, 14620-14625	1.8	4
350	Divergent and Regioselective Synthesis of (Trifluoromethyl/carboxyethyl)benzo[4,5]imidazo[1,2-a]pyrimidines from β -Enamino Diketones. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 6478-6484	3.2	4
349	Synthesis of a Novel 1,4-Dicarbonyl Scaffold [Ethyl 3-Formyl-4,5-dihydrofuran-2-carboxylate] and Its Application to the Synthesis of Pyridazines. <i>Synthesis</i> , 2020 , 52, 2528-2534	2.9	3
348	Regioselective Synthesis of Pyrazolyl-pyrimidine Hybrids of Pharmacological Interest. <i>Synthesis</i> , 2020 , 52, 2347-2356	2.9	2
347	Dicationic imidazolium-based dicarboxylate ionic liquids: Thermophysical properties and solubility. <i>Journal of Molecular Liquids</i> , 2020 , 308, 112983	6	16
346	Brominated β -Alkoxyvinyl Trihalomethyl Ketones as Promising Synthons in Heterocyclic Synthesis. <i>Synthesis</i> , 2020 , 52, 2008-2016	2.9	8
345	Biological assays of BF-naphthyridine compounds: Tyrosinase and acetylcholinesterase activity, CT-DNA and HSA binding property evaluations. <i>International Journal of Biological Macromolecules</i> , 2020 , 160, 1114-1129	7.9	11
344	Regio- and stereoselective synthesis of polysubstituted 5-hydroxypyrrolidin-2-ones from 3-alkoxysuccinimides. <i>Tetrahedron Letters</i> , 2020 , 61, 151358	2	2
343	Novel Alkyl(aryl)-Substituted 2,2-Difluoro-6-(trichloromethyl)-2-1,3,2-oxazaborinin-3-ium-2-uides: Synthesis, Antimicrobial Activity, and CT-DNA Binding Evaluations. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1328	5.6	1
342	Synthesis and photophysical properties of trichloro(fluoro)-Substituted 6-(3-oxo-1-(alk-1-en-1-yl)amino)coumarins and their 2,2-Difluoro-2H-1,3,2-oxazaborinin-3-ium-2-uide heterocycles. <i>Journal of Fluorine Chemistry</i> , 2020 , 238, 109614	2.1	5
341	Trifluoromethyl β -Enamino Diketones as Dual Substrates for the Synthesis of 5-Benzoyl-6-(trifluoromethyl)pyrimidines and their Pyrimidin-4(3H)-one Analogues. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 5527-5536	3.2	3
340	The Wonderful World of β -Enamino Diketones Chemistry. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 6405-6417	3.2	8
339	Substituent effects on the crystallization mechanisms of 7-chloro-4-substituted-quinolines. <i>CrystEngComm</i> , 2020 , 22, 4094-4107	3.3	5
338	Chemo- and regioselective reactions of 5-bromo enones/enaminones with pyrazoles. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 2384-2392	3.9	7
337	TiO ₂ nanoparticles coated with deep eutectic solvents: characterization and effect on photodegradation of organic dyes. <i>New Journal of Chemistry</i> , 2019 , 43, 1415-1423	3.6	17

336	Tetrahydropyridine derivative as efflux inhibitor in Mycobacterium abscessus. <i>Journal of Global Antimicrobial Resistance</i> , 2019 , 17, 296-299	3.4	7
335	Synthesis of -Pyrrolyl(furanyl)-Substituted Piperazines, 1,4-Dizepanes, and 1,4-Diazocanes. <i>Journal of Organic Chemistry</i> , 2019 , 84, 8976-8983	4.2	13
334	Supramolecular self-assembly and thermodynamic properties of 5-aryl-1-(1,1-dimethylethyl)-1H-pyrazoles in the crystalline state. <i>Journal of Molecular Structure</i> , 2019 , 1195, 570-581	3.4	2
333	Supramolecular Similarity in Polymorphs: Use of Similarity Indices (I). <i>ACS Omega</i> , 2019 , 4, 9697-9709	3.9	9
332	Novel 4,5-bis(trifluoromethyl)-1H-pyrazoles through a concise sequential iodination-trifluoromethylation reaction. <i>Tetrahedron Letters</i> , 2019 , 60, 1385-1388	2	3
331	Novel 2-phenyl-6-phenylethynyl-4-(trifluoromethyl)quinolines: Synthesis by Sonogashira cross-coupling reaction and their evaluation as liquid crystals. <i>Journal of Molecular Liquids</i> , 2019 , 287, 110896	6	4
330	Regioselective Synthesis of 5-(Trifluoromethyl)[1,2,4]triazolo[1,5-a]pyrimidines from β -Enamino Diketones. <i>Synthesis</i> , 2019 , 51, 2311-2317	2.9	9
329	Crystallization Mechanisms Applied to Understand the Crystal Formation of Rotaxanes. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3451-3463	3.2	9
328	Ullmann-type copper-catalyzed coupling amination, photophysical and DNA/HSA-binding properties of new 4-(trifluoromethyl)quinoline derivatives. <i>Journal of Fluorine Chemistry</i> , 2019 , 221, 84-90 ¹	3.6	12
327	Synthesis and photophysical, thermal and antimycobacterial properties of novel 6-amino-2-alkyl(aryl/heteroaryl)-4-(trifluoromethyl) quinolines. <i>New Journal of Chemistry</i> , 2019 , 43, 12375-12384 ⁸	3.6	8
326	In silico and in vitro evaluation of tetrahydropyridine compounds as efflux inhibitors in Mycobacterium abscessus. <i>Tuberculosis</i> , 2019 , 118, 101853	2.6	11
325	Chemoselective synthesis of 6-amino(alkoxy)-1,4,5,6-tetrahydropyridines from cyclic β -alkoxyvinyl β -ketoester. <i>Tetrahedron Letters</i> , 2019 , 60, 151336	2	3
324	Polymorphism in a Rotaxane Molecule: Intra- and Intermolecular Understanding. <i>Crystal Growth and Design</i> , 2019 , 19, 1021-1030	3.5	10
323	Novel aryl(heteroaryl)-substituted (pyrimidyl)benzamide-based BF ₂ complexes: Synthesis, photophysical properties, BSA-binding, and molecular docking analysis. <i>Dyes and Pigments</i> , 2019 , 161, 396-402	4.6	13
322	Photocatalytic Efficiency of TiO ₂ Supported on Raw Red Clay Disks to Discolour Reactive Red 141. <i>Water, Air, and Soil Pollution</i> , 2018 , 229, 1	2.6	10
321	Insights on the Similarity of Supramolecular Structures in Organic Crystals Using Quantitative Indexes. <i>ACS Omega</i> , 2018 , 3, 2569-2578	3.9	15
320	Structural Investigation, UV-Vis Analysis and Crystal Packing of Spiro[chromeno[4,3-b]quinoline-6,1'-cycloalkan]-7-amine: Novel Tacrine Hybrids by Single Crystal X-Ray Diffraction. <i>Journal of Chemical Crystallography</i> , 2018 , 48, 19-31	0.5	4
319	A comparative study using conventional methods, ionic liquids, microwave irradiation and combinations thereof for the synthesis of 5-trifluoroacetyl-1,2,3,4-tetrahydropyridines. <i>Tetrahedron Letters</i> , 2018 , 59, 891-894	2	12

318	Efficient synthesis of 6-aryl-4-trifluoromethyl/ethoxycarbonyl-2H-pyran-2-ones through self-condensation of penta-2,4-dienitriles. <i>Tetrahedron Letters</i> , 2018 , 59, 121-124	2	5
317	Models for understanding the structural effects on the cation-anion interaction strength of dicationic ionic liquids. <i>Journal of Molecular Liquids</i> , 2018 , 252, 184-193	6	9
316	1,1-Difluoro-3-aryl(heteroaryl)-1H-pyrido[1,2-c][1,3,5,2]oxadiazaborinin-9-ium-1-uides: synthesis; structure; and photophysical, electrochemical, and BSA-binding studies. <i>New Journal of Chemistry</i> , 2018 , 42, 1913-1920	3.6	14
315	Tacrine derivatives stimulate human glioma SF295 cell death and alter important proteins related to disease development: An old drug for new targets. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018 , 1862, 1527-1536	4	6
314	Useful approach for O-functionalization of trifluoromethyl-substituted spiro-tetracyclic isoxazolines, and their application in the synthesis of 1,2,3-triazole derivatives. <i>Journal of Fluorine Chemistry</i> , 2018 , 210, 142-148	2.1	7
313	Insights on conformation in the solid state: a case study β -cis and/or s-trans crystallization of 5(3)-aryl-3(5)-carboxyethyl-1-tert-butylpyrazoles. <i>CrystEngComm</i> , 2018 , 20, 5154-5168	3.3	9
312	Synthetic Versatility of α -Alkoxyvinyl Trichloromethyl Ketones for Obtaining [1,2,4]Triazolo[1,5-a]pyrimidines. <i>Synthesis</i> , 2018 , 50, 3686-3695	2.9	12
311	Effect of slight structural changes on the gelation properties of N-phenylstearamide supramolecular gels. <i>Soft Matter</i> , 2018 , 14, 6716-6727	3.6	6
310	New 2-(aryl/heteroaryl)-6-(morpholin-4-yl/pyrrolidin-1-yl)-(4-trifluoromethyl)quinolines: synthesis via Buchwald-Hartwig amination, photophysics, and biomolecular binding properties. <i>New Journal of Chemistry</i> , 2018 , 42, 10024-10035	3.6	14
309	Multinuclear NMR spectroscopy, photophysical, electrochemical and DNA-binding properties of fluorinated 1,8-naphthyridine-based boron heterocycles. <i>Journal of Fluorine Chemistry</i> , 2018 , 205, 8-14	2.1	12
308	Synthesis and antimicrobial screening of 2-alkyl(aryl)-7-chloro-6-fluoro-4-(trifluoromethyl)-quinolines and their phenylacetylene derivatives, promoted by Sonogashira cross-coupling reaction. <i>Journal of Fluorine Chemistry</i> , 2018 , 205, 49-57	2.1	10
307	Supramolecular Packing of a Series of ω -Phenylamides and the Role of NH \cdots O=C Interactions. <i>ACS Omega</i> , 2018 , 3, 13850-13861	3.9	9
306	Conformer Distribution in Rotaxanes Containing Nonsymmetric Threads: A Systematic Approach. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 4978-4990	3.2	9
305	Synthesis, antimicrobial activity and cytotoxic investigation of novel trifluoromethylated tetrazolo[1,5-a]pyrimidines. <i>Medicinal Chemistry Research</i> , 2017 , 26, 640-649	2.2	10
304	In vitro and in silico analysis of the efficiency of tetrahydropyridines as drug efflux inhibitors in Escherichia coli. <i>International Journal of Antimicrobial Agents</i> , 2017 , 49, 308-314	14.3	16
303	Synthesis of novel trifluoromethyl-substituted spiro-[chromeno[4,3-d]pyrimidine-5,1 α -cycloalkanes], and evaluation of their analgesic effects in a mouse pain model. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 1551-1556	2.9	8
302	Efficient approach for regioselective synthesis of new trifluoromethyl-substituted spiro-tetracyclic isoxazolines and isoxazoles. <i>Journal of Fluorine Chemistry</i> , 2017 , 197, 6-14	2.1	11
301	Regioselective synthesis, biological evaluation, and molecular docking of dihydropyrimidin-4-ols as acetylcholinesterase inhibitors. <i>Chemical Biology and Drug Design</i> , 2017 , 90, 1161-1172	2.9	4

300	Competition between the donor and acceptor hydrogen bonds of the threads in the formation of [2]rotaxanes by clipping reaction. <i>New Journal of Chemistry</i> , 2017 , 41, 13303-13318	3.6	8
299	Density Functional Theory and Quantum Theory of Atoms in Molecules Analysis: Influence of Intramolecular Interactions on Pirouetting Movement in Tetraalkylsuccinamide[2]rotaxanes. <i>Crystal Growth and Design</i> , 2017 , 17, 5845-5857	3.5	15
298	Regiochemistry of cyclocondensation reactions in the synthesis of polyazaheterocycles. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 257-266	2.5	4
297	Synthesis, Crystal Structure, and Supramolecular Understanding of 1,3,5-Tris(1-phenyl-1H-pyrazol-5-yl)benzenes. <i>Molecules</i> , 2017 , 23,	4.8	1
296	Synthesis of Penta-2,4-dienenitriles by the Horner-Wadsworth-Emmons Olefination of Enones. <i>Synthesis</i> , 2017 , 49, 5131-5142	2.9	2
295	New, simple, and efficient method for the synthesis of N-substituted 4-trifluoromethyl-5-(alkan-1-ol)-pyridin-2(1H)-imines. <i>Tetrahedron Letters</i> , 2017 , 58, 4057-4061	2	
294	Sequential one-pot three-step synthesis of polysubstituted 4-(5-(trifluoromethyl)-1H-pyrazol-4-yl)-1H-1,2,3-triazole systems. <i>RSC Advances</i> , 2017 , 7, 43957-43964	3.7	10
293	4-Trichloroacetyl-1,2,3-triazoles: A versatile building block for rapid assessment of carbohydrazides and rufinamide derivatives. <i>Tetrahedron Letters</i> , 2017 , 58, 3827-3830	2	2
292	Efficient Synthesis of (1,2,3-Triazol-1-yl)methylpyrimidines from 5-Bromo-1,1,1-trifluoro-4-methoxypent-3-en-2-one. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 306-312	3.2	7
291	Synthesis, effect of substituents on the regiochemistry and equilibrium studies of tetrazolo[1,5-pyrimidine/2-azidopyrimidines. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 2396-2407	2.5	8
290	Eco-friendly synthesis and antioxidant activity of new trifluoromethyl-substituted N-(pyrimidin-2-yl)benzo[d]thiazol-2-amines and some N-derivatives. <i>Monatshefte für Chemie</i> , 2016 , 147, 2185-2194	1.4	4
289	Deep eutectic solvent mediated synthesis of thiomethyltriazolo[1,5-a]pyrimidines. <i>Journal of Molecular Liquids</i> , 2016 , 223, 934-938	6	10
288	New regioselective synthesis of polyfunctionalized 3-ferrocenyl-1 H -pyrroles under microwave irradiation. <i>Tetrahedron Letters</i> , 2016 , 57, 4568-4573	2	8
287	Synthesis, ¹¹ B- and ¹⁹ F NMR spectroscopy, and optical and electrochemical properties of novel 9-aryl-3-(aryl/heteroaryl)-1,1-difluoro-7-(trifluoromethyl)-1H-[1,3,5,2]oxadiazaborinino[3,4-a][1,8]naphthyridin-11-ium-complexes. <i>Tetrahedron Letters</i> , 2016 , 57, 5017-5021	2.5	9
286	Convergent synthesis and cytotoxicity of novel trifluoromethyl-substituted (1H-pyrazol-1-yl)(quinolin-4-yl) methanones. <i>Journal of Fluorine Chemistry</i> , 2016 , 190, 31-40	2.1	9
285	Sonochemical heating profile for solvents and ionic liquid doped solvents, and their application in the N-alkylation of pyrazoles. <i>Ultrasonics Sonochemistry</i> , 2016 , 32, 432-439	8.9	15
284	Regioselectively Controlled Synthesis of N-Substituted (Trifluoromethyl)pyrimidin-2(1H)-ones. <i>Journal of Organic Chemistry</i> , 2016 , 81, 3727-34	4.2	8
283	Polymorphism in an 18-membered macrocycle: an energetic and topological approach to understand the supramolecular structure. <i>CrystEngComm</i> , 2016 , 18, 3866-3876	3.3	17

282	Promotion of 1,3-dipolar cycloaddition between azides and phenaminones by deep eutectic solvents. <i>New Journal of Chemistry</i> , 2016 , 40, 5989-5992	3.6	23
281	Synthesis and antinociceptive activity of new 2-substituted 4-(trifluoromethyl)-5,6-dihydrobenzo[h]quinazolines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4808-4814	2.9	9
280	Efficient synthetic access to novel N-(Pyrimidinyl)-N-(1H-benzo[d]imidazolyl)amines in an aqueous medium. <i>Monatshefte für Chemie</i> , 2015 , 146, 1851-1857	1.4	2
279	Regioselectively controlled synthesis of 3(5)-(trifluoromethyl)pyrazolylbenzenesulfonamides and their effects on a pathological pain model in mice. <i>European Journal of Medicinal Chemistry</i> , 2015 , 102, 143-52	6.8	20
278	Synthesis and cytotoxic activity evaluation of some novel 1-(3-(aryl-4,5-dihydroisoxazol-5-yl)methyl)-4-trihalomethyl-1H-pyrimidin-2-ones in human cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2015 , 101, 836-42	6.8	11
277	A telescoped protocol for the synthesis of new pyrrolo [3,4-d]pyridazinones by cascade reactions. <i>Tetrahedron Letters</i> , 2015 , 56, 5190-5195	2	11
276	Efficient Syntheses of Ethyl 2-Methylthio- and Ethyl 2-Benzylthio-6-methyl(aryl)pyrimidine-4-carboxylates and Their Carboxylic Acid Derivatives. <i>Synthesis</i> , 2015 , 47, 827-835	2.9	3
275	Unexpected Metal-Free Fluorination and Oxidation at the C-4 Position of Pyrazoles Promoted by Selectfluor. <i>Synlett</i> , 2015 , 26, 2009-2013	2.2	6
274	Synthesis, biological evaluation and molecular docking study of 7-amine-spiro[chromeno[4,3-b]quinoline-6,1?-cycloalkanes] as new tacrine hybrids. <i>Tetrahedron Letters</i> , 2015 , 56, 7024-7027	2	11
273	Proposal for crystallization of 3-amino-4-halo-5-methylisoxazoles: an energetic and topological approach. <i>CrystEngComm</i> , 2015 , 17, 7381-7391	3.3	23
272	Cyanoacetylazoles and salicylic aldehydes promoting the synthesis of new trifluoromethyl-substituted azolecarbonyl-2H-chromen-2-ones through the Knoevenagel condensation reaction. <i>Journal of Fluorine Chemistry</i> , 2015 , 178, 296-305	2.1	8
271	Chemoselective Synthesis of 1-Substituted 4-Amino-2-(trifluoromethyl)-1H-pyrroles through the Heterocyclization Reaction of 4-Methoxy-5-bromo-1,1,1-trifluoropent-3-en-2-ones with Amines. <i>Journal of Organic Chemistry</i> , 2015 , 80, 12453-9	4.2	14
270	Synthesis of 1-Arylethyl-2-arylethylamino-5-trifluoroacetyl-1,2,3,4-tetrahydropyridines and Related Compounds with Potential Cell Efflux Pump Inhibition. <i>Journal of Heterocyclic Chemistry</i> , 2015 , 52, 1776-1781	1.9	3
269	New solventless and metal-free synthesis of the antiepileptic drug 1-(2,6-difluorobenzyl)-1H-1,2,3-triazole-4-carboxamide (Rufinamide) and analogues. <i>Tetrahedron Letters</i> , 2015 , 56, 441-444	2	15
268	Safety of vitamin K antagonist treatment for splanchnic vein thrombosis: a multicenter cohort study. <i>Journal of Thrombosis and Haemostasis</i> , 2015 , 13, 1019-27	15.4	19
267	Structural and Physical Aspects of Ionic Liquid Aggregates in Solution 2015 ,		3
266	Bifenilos policlorados em arroz e feijão do estado do Rio Grande do Sul. <i>Ciencia Rural</i> , 2015 , 45, 1522-1527.	1.3	1
265	New 4-fluoroalkyl substituted N-phenylpyrazoles: Synthesis promoted by DAST and multinuclear NMR analysis. <i>Journal of Fluorine Chemistry</i> , 2015 , 176, 44-50	2.1	3

264	Highly Regioselective Synthesis of 3,6-Disubstituted 2-(Methylsulfanyl)pyrimidin-4(3H)-ones. <i>Synthesis</i> , 2015 , 47, 3947-3955	2.9	3
263	Synthesis, Structure Elucidation, Antioxidant and Antimicrobial Activity of Novel 2-(5-Trifluoromethyl-1H-pyrazol-1-yl)-5-(5-trihalomethyl-1H-pyrazol-1-yl-1-carbonyl)pyridines. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	2
262	Ultrasound irradiation promotes the synthesis of new 1,2,4-triazolo[1,5-a]pyrimidine. <i>Ultrasonics Sonochemistry</i> , 2014 , 21, 958-62	8.9	18
261	How Mechanical and Chemical Features Affect the Green Synthesis of 1H-Pyrazoles in a Ball Mill. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 1895-1901	8.3	26
260	Energetic and topological approach for characterization of supramolecular clusters in organic crystals. <i>RSC Advances</i> , 2014 , 4, 44337-44349	3.7	29
259	Antitumoral activity of a trichloromethyl pyrimidine analogue: molecular cross-talk between intrinsic and extrinsic apoptosis. <i>Chemical Research in Toxicology</i> , 2014 , 27, 1040-9	4	8
258	Regioselective synthesis and through-space ^{13}C spin-spin coupling NMR of new tetracyclic 3-(trifluoromethyl)-spiro(chromen[4,3-c]pyrazole-4,1'-cycloalkanes). <i>Journal of Fluorine Chemistry</i> , 2014 , 166, 44-51	2.1	12
257	Update 1 of: Ionic liquids in heterocyclic synthesis. <i>Chemical Reviews</i> , 2014 , 114, PR1-70	68.1	95
256	Facile Synthesis and Structural Characterization by NMR, ESI-MS/MS and DFT Calculations of New (E)-6-[2-Ferrocenylalkylidenehydrazino]nicotinic Hydrazides and Their (E)-Ferrocenyl-pyrazolyl-pyridine Heterocyclic System. <i>Journal of Heterocyclic Chemistry</i> , 2014 , 51, 1333-1339	1.9	2
255	Activity of 4,5-dihydro-1H-pyrazoles against Mycobacterium tuberculosis and nontuberculous mycobacteria. <i>International Journal of Antimicrobial Agents</i> , 2014 , 43, 481-3	14.3	2
254	New Pyrazolyl-Nicotinic Acids, Methyl Esters, and 1,3,4-Oxadiazolyl-pyrazolyl-pyridine Tricyclic Scaffold Derivatives from 6-Hydrazinylnicotinic Acid Hydrazide Hydrate. <i>Journal of Heterocyclic Chemistry</i> , 2014 , 51, 1171-1178	1.9	2
253	Organoallyl-aluminum reagents promote easy access to trihalomethyl triazolyl homoallylic alcohols analogous to rufinamide. <i>Tetrahedron Letters</i> , 2014 , 55, 2283-2285	2	2
252	A novel, potent, oral active and safe antinociceptive pyrazole targeting kappa opioid receptors. <i>Neuropharmacology</i> , 2013 , 73, 261-73	5.5	26
251	Evaluation of the synthesis of 1-(pentafluorophenyl)-4,5-dihydro-1H-pyrazoles using green metrics. <i>Monatshefte für Chemie</i> , 2013 , 144, 1043-1050	1.4	7
250	Cycloaromatization Reaction of 4-Alkoxy-1,1,1-trifluoroalk-3-en-2-ones with 2,6-Diaminotoluene: The Unexpected Regioselective Synthesis of 2,4,7,8-Tetrasubstituted Quinolines. <i>Journal of Heterocyclic Chemistry</i> , 2013 , 50, E193-E199	1.9	9
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247	Intramolecular cyclization of N-propargylic phenaminones catalyzed by silver. <i>Tetrahedron Letters</i> , 2013 , 54, 847-849	2	37

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240	An Efficient Two-Step Synthesis of New 5-Substituted-1H-tetrazoles of Biological Interest. <i>Journal of Heterocyclic Chemistry</i> , 2013 , 50, 868-873	1.9	0
239	Nanostructure Evaluation of Ionic Liquid Aggregates by Spectroscopy 2013 , 215-278		2
238	Regioselective synthesis and antimicrobial evaluation of new 1-aryloxyacetyl-, 1-thiophenoyacetyl- and 1-phenylaminoacetyl-substituted 3-alkyl(aryl/heteroaryl)-5-trifluoromethyl-5-hydroxy-4,5-dihydro-1H-pyrazoles. <i>Arkivoc</i> , 2013 , 2012, 62-75	0.9	8
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9	Effect of carbonyl substituents on the barrier to rotation in N-ethyl-N-methylamides. <i>Magnetic Resonance in Chemistry</i> , 1993 , 31, 451-454	2.1	5
8	¹³ C NMR Chemical Shifts Substituent Effects of (E)- and (Z)-N-ethyl-N-Methylamides. <i>Spectroscopy Letters</i> , 1992 , 25, 1207-1220	1.1	
7	4-Alkoxy-1,1,1-Trihalo-3-Alken-2-ones as Building Blocks for Trihalomethylated Heterocycles. Synthesis of 4-Trihalomethyl-2-Pyrimidinones. <i>Journal of the Brazilian Chemical Society</i> , 1991 , 2, 118-120 ^{1.5}		44
6	¹³ C NMR of the bases of three DNA oligonucleotide duplexes: assignment methods and structural features. <i>Biochemistry</i> , 1988 , 27, 7902-9	3.2	21
5	Hydrogen-bonding effects and ¹³ C-NMR of the DNA double helix. <i>Nucleic Acids Research</i> , 1988 , 16, 2323-2327	3.2	14
4	¹³ C NMR of 4-Substituted N-[(Dimethylamino)Methyl]Benzamides. <i>Spectroscopy Letters</i> , 1987 , 20, 577-582		1
3	Conformation and dynamics of short DNA duplexes: (dC-dG) ₃ and (dC-dG) ₄ . <i>Journal of Biomolecular Structure and Dynamics</i> , 1984 , 1, 1373-86	3.6	19
2	Synthesis of 4-substituted N-[(dimethylamino)methyl]benzamides: new compounds. <i>Journal of Pharmaceutical Sciences</i> , 1983 , 72, 831-2	3.9	3
1	Persistence of N-H...O=C Interactions in the Crystallization Mechanisms of Trisubstituted Bis-Ureas with Bulky Substituents. <i>Crystal Growth and Design</i> ,	3.5	2