

Marcos A P Ap Martins

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.

377 papers	7,189 citations	38 h-index	64 g-index
501 ext. papers	7,875 ext. citations	3.2 avg, IF	5.57 L-index

#	Paper	IF	Citations
377	Fluorinated N-quinoxaline-based boron complexes: Synthesis, photophysical properties, and selective DNA/BSA biointeraction. <i>Journal of Molecular Structure</i> , 2022 , 1255, 132444	3.4	0
376	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
375	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	
374	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
373	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
372	Investigating ESIPT and donor-acceptor substituent effects on the photophysical and electrochemical properties of fluorescent 3,5-diaryl-substituted 1-phenyl-2-pyrazolines.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 269, 120768	4.4	1
371	7-Amine-spiro[chromeno[4,3-b]quinoline-6,1 π -cycloalkanes]: Synthesis and cholinesterase inhibitory activity of structurally modified tacrines. <i>Bioorganic Chemistry</i> , 2021 , 108, 104649	5.1	2
370	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
369	Synthesis of Highly Functionalized 4-Amino-2-(trifluoromethyl)-1H-pyrroles. <i>Synthesis</i> , 2021 , 53, 2841-2849	3.9	1
368	Packing and Conformational Polymorphism in 1,2-Bis(aminocarbonyl(1-tert-butyl-1H-pyrazol-3-yl))ethanes: Illuminating Examples of Highly Flexible Molecules. <i>Crystal Growth and Design</i> , 2021 , 21, 4690-4706	3.5	0
367	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
366	New 1-(Spiro[chroman-2,1 π -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
365	Mechanical bonding activation in rotaxane-based organocatalysts. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 4202-4210	5.2	1
364	Design, Synthesis, and Cholinesterase Inhibitory Activity of 4-Substituted-6-(trihalomethyl)-2-methylsulfanyl Pyrimidines. <i>ChemistrySelect</i> , 2021 , 6, 1204-1209	1.8	2
363	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
362	Ultrasound-assisted synthesis of pyrimidines and their fused derivatives: A review. <i>Ultrasonics Sonochemistry</i> , 2021 , 79, 105683	8.9	7
361	Novel 7-(1H-pyrrol-1-yl)spiro[chromeno[4,3-b]quinoline-6,1 π -cycloalkanes]: synthesis, cross-coupling reactions, and photophysical properties. <i>New Journal of Chemistry</i> , 2021 , 45, 4061-4070	3.6	3

360	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
359	Pyrazole-Enaminones as Promising Prototypes for the Development of Analgesic Drugs. <i>ChemistrySelect</i> , 2020 , 5, 14620-14625	1.8	4
358	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
357	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
356	Brominated β -Alkoxyvinyl Trihalomethyl Ketones as Promising Synthons in Heterocyclic Synthesis. <i>Synthesis</i> , 2020 , 52, 2008-2016	2.9	8
355	Regio- and stereoselective synthesis of polysubstituted 5-hydroxypyrrolidin-2-ones from 3-alkoxysuccinimides. <i>Tetrahedron Letters</i> , 2020 , 61, 151358	2	2
354	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
353	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
352	The Wonderful World of β -Enamino Diketones Chemistry. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 6405-6417	3.2	8
351	Substituent effects on the crystallization mechanisms of 7-chloro-4-substituted-quinolines. <i>CrystEngComm</i> , 2020 , 22, 4094-4107	3.3	5
350	Comment on Solution growth and thermal treatment of crystals lead to two new forms of 2-((2,6-dimethylphenyl)amino)benzoic acid By R. Hu, Y. Zhoujin, M. Liu, M. Zhang, S. Parkin, P. Zhou, J. Wang, F. Yu and S. Long, , 2018, , 15459.. <i>RSC Advances</i> , 2019 , 9, 28195-28198	3.7	0
349	Chemo- and regioselective reactions of 5-bromo enones/enaminones with pyrazoles. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 2384-2392	3.9	7
348	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
347	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
346	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
345	Supramolecular Similarity in Polymorphs: Use of Similarity Indices (I). <i>ACS Omega</i> , 2019 , 4, 9697-9709	3.9	9
344	Novel 4,5-bis(trifluoromethyl)-1H-pyrazoles through a concise sequential iodination-trifluoromethylation reaction. <i>Tetrahedron Letters</i> , 2019 , 60, 1385-1388	2	3
343	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

- 342 [2]Rotaxanes Bearing a Tetralactam Macrocyclic: The Role of a Trifurcated Hydrogen Bond in the Crystalline State. *European Journal of Organic Chemistry*, **2019**, 2019, 3464-3471 3.2 6
- 341 Regioselective Synthesis of 5-(Trifluoromethyl)[1,2,4]triazolo[1,5-a]pyrimidines from β -Enamino Diketones. *Synthesis*, **2019**, 51, 2311-2317 2.9 9
- 340 Crystallization Mechanisms Applied to Understand the Crystal Formation of Rotaxanes. *European Journal of Organic Chemistry*, **2019**, 2019, 3451-3463 3.2 9
- 339 Ullmann-type copper-catalyzed coupling amination, photophysical and DNA/HSA-binding properties of new 4-(trifluoromethyl)quinoline derivatives. *Journal of Fluorine Chemistry*, **2019**, 221, 84-90¹ 3.1 12
- 338 Synthesis and photophysical, thermal and antimycobacterial properties of novel 6-amino-2-alkyl(aryl/heteroaryl)-4-(trifluoromethyl) quinolines. *New Journal of Chemistry*, **2019**, 43, 12373-12384⁸ 3.6 8
- 337 Chemoselective synthesis of 6-amino(alkoxy)-1,4,5,6-tetrahydropyridines from cyclic β -alkoxyvinyl Ekester. *Tetrahedron Letters*, **2019**, 60, 151336 2 3
- 336 Polymorphism in a Rotaxane Molecule: Intra- and Intermolecular Understanding. *Crystal Growth and Design*, **2019**, 19, 1021-1030 3.5 10
- 335 Novel aryl(heteroaryl)-substituted (pyrimidyl)benzamide-based BF₂ complexes: Synthesis, photophysical properties, BSA-binding, and molecular docking analysis. *Dyes and Pigments*, **2019**, 161, 396-402 4.6 13
- 334 Heteroassembly Ability of Dicationic Ionic Liquids and Neutral Active Pharmaceutical Ingredients. *ACS Omega*, **2018**, 3, 2282-2291 3.9 5
- 333 Insights on the Similarity of Supramolecular Structures in Organic Crystals Using Quantitative Indexes. *ACS Omega*, **2018**, 3, 2569-2578 3.9 15
- 332 A comparative study using conventional methods, ionic liquids, microwave irradiation and combinations thereof for the synthesis of 5-trifluoroacetyl-1,2,3,4-tetrahydropyridines. *Tetrahedron Letters*, **2018**, 59, 891-894 2 12
- 331 Impact of Anions on the Partition Constant, Self-Diffusion, Thermal Stability, and Toxicity of Dicationic Ionic Liquids. *ACS Omega*, **2018**, 3, 734-743 3.9 7
- 330 Efficient synthesis of 6-aryl-4-trifluoromethyl/ethoxycarbonyl-2H-pyran-2-ones through self-condensation of penta-2,4-dienenitriles. *Tetrahedron Letters*, **2018**, 59, 121-124 2 5
- 329 Models for understanding the structural effects on the cation-anion interaction strength of dicationic ionic liquids. *Journal of Molecular Liquids*, **2018**, 252, 184-193 6 9
- 328 1,1-Difluoro-3-aryl(heteroaryl)-1H-pyrido[1,2-c][1,3,5,2]oxadiazaborinin-9-ium-1-ides: synthesis; structure; and photophysical, electrochemical, and BSA-binding studies. *New Journal of Chemistry*, **2018**, 42, 1913-1920 3.6 14
- 327 Useful approach for O-functionalization of trifluoromethyl-substituted spiro-tetracyclic isoxazolines, and their application in the synthesis of 1,2,3-triazole derivatives. *Journal of Fluorine Chemistry*, **2018**, 210, 142-148 2.1 7
- 326 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. *CrystEngComm*, **2018**, 20, 5154-5168 3.3 9
- 325 Effect of slight structural changes on the gelation properties of N-phenylstearamide supramolecular gels. *Soft Matter*, **2018**, 14, 6716-6727 3.6 6

324	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
323	Interaction of pharmaceutical ionic liquids with TiO ₂ in anatase and rutile phase. <i>Journal of Molecular Liquids</i> , 2018 , 269, 912-919	6	6
322	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
321	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
320	Understanding the crystalline formation of triazene N-oxides and the role of halogen π interactions. <i>CrystEngComm</i> , 2018 , 20, 96-112	3.3	23
319	Supramolecular Packing of a Series of α -Phenylamides and the Role of NH \cdots O=C Interactions. <i>ACS Omega</i> , 2018 , 3, 13850-13861	3.9	9
318	Conformer Distribution in Rotaxanes Containing Nonsymmetric Threads: A Systematic Approach. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 4978-4990	3.2	9
317	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
316	In vitro and in silico analysis of the efficiency of tetrahydropyridines as drug efflux inhibitors in <i>Escherichia coli</i> . <i>International Journal of Antimicrobial Agents</i> , 2017 , 49, 308-314	14.3	16
315	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
314	Regiochemical Control of Pyrazoles by Solvent and β -Enamino Diketone Structure: Regioselective Synthesis of 4,5-Disubstituted N-Phenylpyrazoles. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 627-633	3	13
313	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
312	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
311	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
310	Regiochemistry of cyclocondensation reactions in the synthesis of polyazaheterocycles. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 257-266	2.5	4
309	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
308	Synthesis of Penta-2,4-dienitriles by the Horner-Wadsworth-Emmons Olefination of Enones. <i>Synthesis</i> , 2017 , 49, 5131-5142	2.9	2
307	New, simple, and efficient method for the synthesis of N-substituted 4-trifluoromethyl-5-(alkan-1-yl)-pyridin-2(1H)-imines. <i>Tetrahedron Letters</i> , 2017 , 58, 4057-4061	2	

306	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
305	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
304	Thermodynamic Insights into the Binding of Mono- and Dicationic Imidazolium Surfactant Ionic Liquids with Methylcellulose in the Diluted Regime. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 8385-8398	3.4	18
303	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
302	Synthesis, effect of substituents on the regiochemistry and equilibrium studies of tetrazolo[1,5- <i>b</i>]pyrimidine/2-azidopyrimidines. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 2396-2407	2.5	8
301	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
300	Deep eutectic solvent mediated synthesis of thiomethyltriazolo[1,5- <i>a</i>]pyrimidines. <i>Journal of Molecular Liquids</i> , 2016 , 223, 934-938	6	10
299	Improvement of tribological and anti-corrosive performance of titanium surfaces coated with dicationic imidazolium-based ionic liquids. <i>RSC Advances</i> , 2016 , 6, 78795-78802	3.7	14
298	New regioselective synthesis of polyfunctionalized 3-ferrocenyl-1 H -pyrroles under microwave irradiation. <i>Tetrahedron Letters</i> , 2016 , 57, 4568-4573	2	8
297	Synthesis, 11B- and 19F 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- <i>a</i>][1,8]naphthyridine-11-ium complexes. <i>Tetrahedron Letters</i> , 2016 , 57, 5017-5021	11	11
296	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
295	Novel ibuprofenate- and docusate-based ionic liquids: emergence of antimicrobial activity. <i>RSC Advances</i> , 2016 , 6, 100476-100486	3.7	23
294	Elucidating Anion Effect on Nanostructural Organization of Dicationic Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 14402-14409	3.8	11
293	Thermodynamic properties of the aggregation behavior of a dicationic ionic liquid determined by different methods. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 494, 1-8	5.1	10
292	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
291	Evaluation of mammalian and bacterial cell activity on titanium surface coated with dicationic imidazolium-based ionic liquids. <i>RSC Advances</i> , 2016 , 6, 36475-36483	3.7	19
290	Regioselectively Controlled Synthesis of N-Substituted (Trifluoromethyl)pyrimidin-2(1H)-ones. <i>Journal of Organic Chemistry</i> , 2016 , 81, 3727-34	4.2	8
289	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

288	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
287	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
286	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
285	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
284	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
283	Energetic and topological insights into the supramolecular structure of dicationic ionic liquids. <i>CrystEngComm</i> , 2015 , 17, 2996-3004	3.3	23
282	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
281	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
280	Dethreading of Tetraalkylsuccinamide-Based [2]Rotaxanes for Preparing Benzylic Amide Macrocycles. <i>Journal of Organic Chemistry</i> , 2015 , 80, 10049-59	4.2	28
279	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
278	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
277	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
276	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
275	Structural improvement of compounds with analgesic activity: AC-MPF4, a compound with mixed anti-inflammatory and antinociceptive activity via opioid receptor. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 129, 72-8	3.9	9
274	Bristed acidBase pairs of drugs as dual ionic liquids: NMR ionicity studies. <i>Tetrahedron</i> , 2015 , 71, 676-685.4	5.4	26
273	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
272	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
271	Structural and Physical Aspects of Ionic Liquid Aggregates in Solution 2015 ,		3

270	Thermodynamic, energetic, and topological properties of crystal packing of pyrazolo[1,5-a]pyrimidines governed by weak electrostatic intermolecular interactions. <i>CrystEngComm</i> , 2015 , 17, 4325-4333	3.3	13
269	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
268	Ionic Liquid Coatings for Titanium Surfaces: Effect of IL Structure on Coating Profile. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 27421-31	9.5	19
267	Anion effect on the aggregation behavior of the long-chain spacers dicationic imidazolium-based ionic liquids. <i>Colloid and Polymer Science</i> , 2015 , 293, 2901-2910	2.4	25
266	Highly Regioselective Synthesis of 3,6-Disubstituted 2-(Methylsulfanyl)pyrimidin-4(3H)-ones. <i>Synthesis</i> , 2015 , 47, 3947-3955	2.9	3
265	Theoretical aspects of the unexpected regiospecific synthesis of pyrazole-5-carboxylates from unsymmetrical enaminoiketones. <i>Structural Chemistry</i> , 2015 , 26, 1007-1011	1.8	5
264	Effect on aggregation behavior of long-chain spacers of dicationic imidazolium-based ionic liquids in aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 468, 285-294	5.1	39
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	Ionic liquid/HCl catalyzed synthesis of 4-(trifluoromethyl)-2(1H)-pyrimidinones. <i>Monatshefte für Chemie</i> , 2014 , 145, 797-801	1.4	2
261	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
260	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
259	From Renewable Levulinic Acid to a Diversity of 3-(Azol-3-yl)Propanoates. <i>Journal of Heterocyclic Chemistry</i> , 2014 , 51, 733-740	1.9	12
258	Energetic and topological approach for characterization of supramolecular clusters in organic crystals. <i>RSC Advances</i> , 2014 , 4, 44337-44349	3.7	29
257	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
256	Regioselective synthesis and through-space ^{13}C - ^{19}F 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
255	Update 1 of: Ionic liquids in heterocyclic synthesis. <i>Chemical Reviews</i> , 2014 , 114, PR1-70	68.1	95
254	Preparation of TiO ₂ nanoparticles coated with ionic liquids: a supramolecular approach. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 11536-43	9.5	52
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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	Trihaloacetylated Enol Ethers - General Synthetic Procedure and Heterocyclic Ring Closure Reactions with Hydroxylamine. <i>Synthesis</i> , 1991 , 1991, 483-486	2.9	141
6	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
5	^{13}C NMR chemical shift substituent effects. 5 β -Monosubstituted N,N-diethylacetamides. <i>Magnetic Resonance in Chemistry</i> , 1988 , 26, 73-77	2.1	9
4	NMR chemical shift substituent effects. 3 β -Monosubstituted N,N-diethylacetamides; bifunctional compounds in LSR experiments. <i>Magnetic Resonance in Chemistry</i> , 1982 , 20, 20-25		4
3	Conformational Studies of β -Substituted Carbonyl Compounds by I. R. Spectroscopy. II. β -Heterosubstituted N, N-Diethylacetamides. <i>Spectroscopy Letters</i> , 1981 , 14, 505-517	1.1	15
2	NMR chemical shift substituent effects: 2 β -Monosubstituted N,N-diethylacetamides. <i>Magnetic Resonance in Chemistry</i> , 1980 , 14, 522-527		11
1	Persistence of N \cdots H \cdots O \cdots C Interactions in the Crystallization Mechanisms of Trisubstituted Bis-Ureas with Bulky Substituents. <i>Crystal Growth and Design</i> ,	3.5	2

