Marcos A P Ap Martins

List of Publications by Citations

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	Ionic liquids in heterocyclic synthesis. *Chemical Reviews*, **2008**, 108, 2015-50	68.1	575
376	Solvent-free heterocyclic synthesis. *Chemical Reviews*, **2009**, 109, 4140-82	68.1	527
375	Trihaloacetylated Enol Ethers - General Synthetic Procedure and Heterocyclic Ring Closure Reactions with Hydroxylamine. *Synthesis*, **1991**, 1991, 483-486	2.9	141
374	4-Alkoxy-1,1,1-Trichloro-3-Alken-2-ones: Preparation and Applications in Heterocyclic Synthesis. *Current Organic Synthesis*, **2004**, 1, 391-403	1.9	120
373	Hypothermic and antipyretic effects of 3-methyl- and 3-phenyl-5-hydroxy-5-trichloromethyl-4,5-dihydro-1H-pyrazole-1-carboxyamides in mice. *European Journal of Pharmacology*, **2002**, 451, 141-7	5.3	105
372	Antimalarial activity of 4-(5-trifluoromethyl-1H-pyrazol-1-yl)-chloroquine analogues. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 649-53	2.9	99
371	Update 1 of: Ionic liquids in heterocyclic synthesis. *Chemical Reviews*, **2014**, 114, PR1-70	68.1	95
370	Aromaticity in heterocycles: new HOMA index parametrization. *Structural Chemistry*, **2012**, 23, 375-380	1.8	91
369	Antinociceptive effect of novel trihalomethyl-substituted pyrazoline methyl esters in formalin and hot-plate tests in mice. *European Journal of Pharmacology*, **2008**, 581, 86-96	5.3	75
368	Design and microwave-assisted synthesis of 5-trifluoromethyl-4,5-dihydro-1H-pyrazoles: novel agents with analgesic and anti-inflammatory properties. *European Journal of Medicinal Chemistry*, **2008**, 43, 1237-47	6.8	73
367	Haloacetylated enol ethers. 2. Synthesis of 5-trifluoromethylpyrazoles. *Journal of Heterocyclic Chemistry*, **1993**, 30, 1159-1160	1.9	68
366	Trifluoroacetylation of unsymmetrical ketone acetals. A convenient route to obtain alkyl side chain trifluoromethylated heterocycles. *Journal of Fluorine Chemistry*, **1999**, 99, 177-182	2.1	66
365	Regiospecific synthesis of 4-alkoxy and 4-amino substituted 2-trifluoromethyl pyrroles. *Journal of Organic Chemistry*, **2006**, 71, 6996-8	4.2	61
364	Haloacetylated enol ethers: 4 [6]. Synthesis of 4-trihalomethyl-2-methylthiopyrimidines. *Journal of Heterocyclic Chemistry*, **1995**, 32, 735-738	1.9	60
363	Pharmaceutical care program for type 2 diabetes patients in Brazil: a randomised controlled trial. *International Journal of Clinical Pharmacy*, **2013**, 35, 79-86	2.3	56
362	Synthesis, antimicrobial activity, and QSAR studies of furan-3-carboxamides. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 1947-58	3.4	55
361	Alpha 2-adrenoceptors and 5-HT receptors mediate the antinociceptive effect of new pyrazolines, but not of dipyrone. *European Journal of Pharmacology*, **2004**, 496, 93-7	5.3	53

360	Preparation of TiO□anoparticles coated with ionic liquids: a supramolecular approach. *ACS Applied Materials & Interfaces*, **2014**, 6, 11536-43	9.5	52
359	An efficient solvent-free synthesis of NH-pyrazoles from β-dimethylaminovinylketones and hydrazine on grinding. *Tetrahedron Letters*, **2010**, 51, 3193-3196	2	51
358	Antinociceptive effect of novel pyrazolines in mice. *Brazilian Journal of Medical and Biological Research*, **2004**, 37, 1531-40	2.8	51
357	Baker yeast-induced fever in young rats: characterization and validation of an animal model for antipyretics screening. *Journal of Neuroscience Methods*, **2005**, 147, 29-35	3	50
356	Haloacetylated enol ethers. 8 [12]. Reaction of β-alkoxyvinyl trihalomethyl ketones with guanidine hydrochloride. Synthesis of 4-trihalomethyl-2-aminopyrimidines. *Journal of Heterocyclic Chemistry*, **1997**, 34, 509-513	1.9	49
355	Haloacetylated enol ethers: 12 [18]. Regiospecific synthesis and structural determination of stable 5-hydroxy-1H-pyrazolines. *Tetrahedron*, **1999**, 55, 345-352	2.4	47
354	Haloacetylated enol ethers 10. Condensation of β-alkoxyvinyl trifluoromethyl ketones with thiosemicarbazide. Synthesis of new trifluoromethyl 4,5-dihydro-1H-1-pyrazolethiocarboxyamides. *Journal of Fluorine Chemistry*, **1998**, 92, 23-26	2.1	46
353	Synthesis of 1,1,1-trihalo-4-methoxy-4-[2-heteroaryl]-3-buten-2-ones, the corresponding butan-1,3-dione and azole derivatives. *Tetrahedron Letters*, **2002**, 43, 8701-8705	2	46
352	Haloacetylated enol ethers. 9. Synthesis of 4-trifluoromethyl-2-methyl[phenyl]pyrimidines and tetrahydro derivatives. *Journal of Heterocyclic Chemistry*, **1998**, 35, 451-455	1.9	45
351	Regiospecific acylation of acetals. A convenient method to obtain β-methoxyvinyl trichloromethyl ketones. *Tetrahedron Letters*, **1999**, 40, 4309-4312	2	45
350	Effect of 5-trifluoromethyl-4,5-dihydro-1H-pyrazoles on chronic inflammatory pain model in rats. *European Journal of Pharmacology*, **2009**, 616, 91-100	5.3	44
349	Ultrasound promoted synthesis of 5-hydroxy-5-trihalomethyl-4,5-dihydroisoxazoles and beta-enamino trihalomethyl ketones in water. *Ultrasonics Sonochemistry*, **2006**, 13, 364-70	8.9	44
348	4-Alkoxy-1,1,1-Trihalo-3-Alken-2-ones as Building Blocks for Trihalomethylated Heterocycles. Synthesis of 4-Trihalomethyl-2-Pyrimidinones. *Journal of the Brazilian Chemical Society*, **1991**, 2, 118-120	1.5	44
347	Dicationic imidazolium-based ionic liquids: a new strategy for non-toxic and antimicrobial materials. *RSC Advances*, **2014**, 4, 62594-62602	3.7	43
346	Haloacetylated enol ethers. 7 . Synthesis of 3-aryl-5-trihalomethylisoxazoles and 3-aryl-5-hydroxy-5-trihalomethyl-4,5-dihydroisoxazoles. *Journal of Heterocyclic Chemistry*, **1996**, 33, 1619-1622	1.9	43
345	Ultrasound promoted synthesis of 2-imidazolines in water: a greener approach toward monoamine oxidase inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 546-9	2.9	42
344	A convenient one-pot synthesis of 5-carboxyisoxazoles: trichloromethyl group as a carboxyl group precursor. *Tetrahedron Letters*, **2000**, 41, 293-297	2	42
343	One-Pot Synthesis of 3(5)-Ethoxycarbonylpyrazoles. *Synthesis*, **1995**, 1995, 1491-1492	2.9	42

342	Synthesis and in vitro antimycobacterial activity of 3-substituted 5-hydroxy-5-trifluoro[chloro]methyl-4,5-dihydro-1H-1-(isonicotinoyl) pyrazoles. *International Journal of Antimicrobial Agents*, **2008**, 32, 139-44	14.3	41
341	Haloacetylated enol ethers: 3. Synthesis of 3,3a,4,5,6,7-hexahydro-3-halomethylbenzoisoxazoles. *Journal of Heterocyclic Chemistry*, **1995**, 32, 731-733	1.9	40
340	Effect on aggregation behavior of long-chain spacers of dicationic imidazolium-based ionic liquids in aqueous solution. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 468, 285-294	5.1	39
339	Trifluoromethyl-containing pyrazolinyl (p-tolyl) sulfones: The synthesis and structure of promising antimicrobial agents. *Journal of Fluorine Chemistry*, **2006**, 127, 1066-1072	2.1	38
338	Intramolecular cyclization of N-propargylic β-enaminones catalyzed by silver. *Tetrahedron Letters*, **2013**, 54, 847-849	2	37
337	Haloacetylated enol ethers. 5 [5]. Heterocyclic ring closure reactions of β-alkoxyvinyl dichloromethyl ketones with hydroxylamine. *Journal of Heterocyclic Chemistry*, **1995**, 32, 739-741	1.9	37
336	A convenient method for the synthesis of 2-trichloromethyl-4-p-substituted-phenyl-3h-1,5-benzodiazepines. *Tetrahedron Letters*, **1996**, 37, 9155-9156	2	37
335	Synthesis and Characterization of Some Novel 2-(Trifluoromethyl)pyrimido[1,2-a]benzimidazoles and Pyrimido[1,2-a]benzimidazol-2H)-ones of Biological Interest. *Synthesis*, **2006**, 2006, 2305-2312	2.9	36
334	A Convenient Synthetic Method for Fully Conjugated 3-Alkyl- and 3-Aryl-5-trifluoromethyl-1-methyl-1,2-thiazine 1-Oxide from β-Alkoxyvinyl Trifluoromethyl Ketones. *Synthesis*, **2000**, 2000, 1431-1434	2.9	36
333	Convergent synthesis and cruzain inhibitory activity of novel 2-(N'-benzylidenehydrazino)-4-trifluoromethyl-pyrimidines. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 10236-43	3.4	35
332	Reactions of 1,1,1-Trifluoro[chloro]-4-ethoxybut-3-en-2-ones with 1,3-Dicarbonyl Compounds: Synthesis of 5-Acetyl[carboxyethyl]-1,1,1-trifluoro[chloro]hept-3-ene-2,6-diones and their Cyclic Derivatives Phenol, Pyridines, and Azetone. *Synthesis*, **1999**, 1999, 765-768	2.9	35
331	Haloacetylated enol ethers. 11. Synthesis of 1-methyl- and 1-phenyl pyrazole-3(5)-ethyl esters. A one-pot procedure. *Journal of Heterocyclic Chemistry*, **1999**, 36, 217-220	1.9	34
330	A pyrazolyl-thiazole derivative causes antinociception in mice. *Brazilian Journal of Medical and Biological Research*, **2006**, 39, 795-9	2.8	33
329	Cyclocondensation reaction of 4-aryl-4-methoxy-1,1,1-trifluoro-3-buten-2-ones with urea: Synthesis of novel 6-aryl(5-methyl)-4-trifluoromethyl-2(1H)-pyrimidinones. *Journal of Fluorine Chemistry*, **2003**, 120, 29-32	2.1	33
328	Effects per se of organic solvents in the cerebral acetylcholinesterase of rats. *Neurochemical Research*, **2005**, 30, 379-84	4.6	33
327	HALOACETYLATED ENOL ETHERS: 16[5] REGIOSPECIFIC SYNTHESIS OF 5-TRICHLOROMETHYL-PYRAZOLES. *Synthetic Communications*, **2002**, 32, 1585-1594	1.7	32
326	Antinociceptive action of 4-methyl-5-trifluoromethyl-5-hydroxy-4, 5-dihydro-1H-pyrazole methyl ester in models of inflammatory pain in mice. *Life Sciences*, **2008**, 83, 739-46	6.8	31
325	Reaction of β-dimethylaminovinyl ketones with hydroxylamine: A simple and useful method for synthesis of 3- and 5-substituted isoxazoles. *Journal of Heterocyclic Chemistry*, **2008**, 45, 879-885	1.9	31

324	Haloacetylated enol ethers. 6 [5]. Synthesis of 4,5-trimethylene-4,5-dihydroisoxazoles. *Journal of Heterocyclic Chemistry*, **1996**, 33, 1223-1226	1.9	30
323	Energetic and topological approach for characterization of supramolecular clusters in organic crystals. *RSC Advances*, **2014**, 4, 44337-44349	3.7	29
322	Haloacetylated enol ethers. 13. Synthesis of N-[1-aryl(alkyl)-3-oxo-4,4,4-trichloro-1-buten-1-yl]-o-phenylenediamines and 2-trichloromethyl-4-aryl-3H-1,5-benzodiazepines. *Journal of Heterocyclic Chemistry*, **1999**, 36, 45-48	1.9	29
321	Dethreading of Tetraalkylsuccinamide-Based [2]Rotaxanes for Preparing Benzylic Amide Macrocycles. *Journal of Organic Chemistry*, **2015**, 80, 10049-59	4.2	28
320	Resourceful synthesis of pyrazolo[1,5-a]pyrimidines under ultrasound irradiation. *Ultrasonics Sonochemistry*, **2013**, 20, 1139-43	8.9	28
319	Synthesis of hydroxypyrazoles and 1-methyl-3-isoxazolones via haloform reactions. *Tetrahedron Letters*, **2002**, 43, 5005-5008	2	28
318	Synthesis of N-substituted 6-trifluoromethyl-1,3-oxazinanes. *Journal of the Brazilian Chemical Society*, **2005**, 16, 1255-1261	1.5	28
317	A Convenient Synthesis of 5-Trichloromethyl-5-hydroxy-3-heteroalkyl-4,5-dihydroisoxazoles. *Synthesis*, **2001**, 2001, 1959-1964	2.9	28
316	Regiospecific Synthesis of 3-Alkyl-2-aryl-4-trifluoromethylbenzo[h]quinolines by Intramolecular Cyclization of N-(2-Alkyl-1-aryl-3-oxo-4,4,4-trifluorobut-1-en-1-yl)-1-naphthylamines. *Synthesis*, **2002**, 2002, 1037-1042	2.9	28
315	Haloacetylated enol ethers: 15. Study of the regiochemistry of the cyclo-condensation of alkoxyvinyl trihalomethyl ketones with N-methyl thiourea. *Journal of Heterocyclic Chemistry*, **2000**, 37, 1213-1218	1.9	28
314	Efficient and highly regioselective synthesis of ethyl 1-(2,4-dichlorophenyl)-1H-pyrazole-3-carboxylates under ultrasound irradiation. *Ultrasonics Sonochemistry*, **2011**, 18, 293-9	8.9	27
313	Indium(III) bromide catalyzed one-pot synthesis of trichloromethylated tetrahydropyrimidinones. *Tetrahedron Letters*, **2004**, 45, 8991-8994	2	27
312	Brønsted acid–base pairs of drugs as dual ionic liquids: NMR ionicity studies. *Tetrahedron*, **2015**, 71, 676-685	2.4	26
311	How Mechanical and Chemical Features Affect the Green Synthesis of 1H-Pyrazoles in a Ball Mill. *ACS Sustainable Chemistry and Engineering*, **2014**, 2, 1895-1901	8.3	26
310	A novel, potent, oral active and safe antinociceptive pyrazole targeting kappa opioid receptors. *Neuropharmacology*, **2013**, 73, 261-73	5.5	26
309	The antinociceptive effect of reversible monoamine oxidase-A inhibitors in a mouse neuropathic pain model. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2013**, 44, 136-42	5.5	25
308	Anion effect on the aggregation behavior of the long-chain spacers dicationic imidazolium-based ionic liquids. *Colloid and Polymer Science*, **2015**, 293, 2901-2910	2.4	25
307	Dampened circumrotation by CH interactions in hydrogen bonded [2]rotaxanes. *Chemical Communications*, **2012**, 48, 5677-9	5.8	25

306	▯Alkoxyvinyl trichloromethyl ketones as N-heterocyclic acylating agent. A new access to 5H-thiazolo[3,2-a]pyrimidin-5-ones. *Tetrahedron Letters*, **2002**, 43, 9315-9318	2	25
305	Antinociceptive effect of a novel tosylpyrazole compound in mice. *Basic and Clinical Pharmacology and Toxicology*, **2009**, 104, 122-9	3.1	24
304	Synthesis of ▯enaminones by ionic liquid catalysis: A one-pot condensation under solvent-free conditions. *Catalysis Communications*, **2008**, 9, 1375-1378	3.2	24
303	Synthesis and antimicrobial activity of new (4,4,4-trihalo-3-oxo-but-1-enyl)-carbamic acid ethyl esters, (4,4,4-trihalo-3-hydroxy-butyl)-carbamic acid ethyl esters, and 2-oxo-6-trihalomethyl-[1,3]oxazinane-3-carboxylic acid ethyl esters. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 3174-84	3.4	24
302	Microwave-assisted synthesis of 5-trichloromethyl substituted 1-phenyl-1H-pyrazoles and 1,2-dimethylpyrazolium chlorides. *Tetrahedron Letters*, **2003**, 44, 6669-6672	2	24
301	An efficient and regiospecific preparation of trifluoromethyl substituted 4-(1H-pyrazol-1 -yl)-7-chloroquinolines. *Journal of Heterocyclic Chemistry*, **2005**, 42, 1055-1061	1.9	24
300	Haloacetylated enol ethers. 14 [6]. Reaction of ▯alkoxyvinyl trifluoromethyl ketones with N-methylhydroxylamine. *Journal of Heterocyclic Chemistry*, **1999**, 36, 837-840	1.9	24
299	Energetic and topological insights into the supramolecular structure of dicationic ionic liquids. *CrystEngComm*, **2015**, 17, 2996-3004	3.3	23
298	Proposal for crystallization of 3-amino-4-halo-5-methylisoxazoles: an energetic and topological approach. *CrystEngComm*, **2015**, 17, 7381-7391	3.3	23
297	Novel ibuprofenate- and docusate-based ionic liquids: emergence of antimicrobial activity. *RSC Advances*, **2016**, 6, 100476-100486	3.7	23
296	Synergic Effects of Ionic Liquid and Microwave Irradiation in Promoting Trifluoromethylpyrazole Synthesis. *Catalysis Letters*, **2011**, 141, 1130-1135	2.8	23
295	2-methyl-7-substituted pyrazolo[1,5-a]pyrimidines: highly regioselective synthesis and bromination. *Journal of the Brazilian Chemical Society*, **2009**, 20, 205-213	1.5	23
294	Synthesis of 1,1,1-trichloro[fluoro]-3-alken-2-ones using ionic liquids. *Journal of Molecular Catalysis A*, **2007**, 266, 100-103		23
293	Synthesis of new halo-containing acetylenes and their application to the synthesis of azoles. *Tetrahedron Letters*, **2004**, 45, 4935-4938	2	23
292	Regiospecific synthesis of polyfluorinated heterocycles. *Journal of Fluorine Chemistry*, **2003**, 123, 261-265	2.1	23
291	Regiospecific Allylic Mono- and Dibromination of 4-Methoxy-1,1,1-trihalo-3-alken-2-ones and 5-Methoxy-1,1,1,2,2-pentafluoro-4-hexen-2-one, and their Applications to the Synthesis of Heterocycles. *Synthesis*, **2002**, 2002, 2353-2358	2.9	23
290	Promotion of 1,3-dipolar cycloaddition between azides and ▯enaminones by deep eutectic solvents. *New Journal of Chemistry*, **2016**, 40, 5989-5992	3.6	23
289	Understanding the crystalline formation of triazene N-oxides and the role of halogen?▯ interactions. *CrystEngComm*, **2018**, 20, 96-112	3.3	23

288	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-a][1,8]naphthyridin-11-ium-1-u complexes. *Tetrahedron Letters*, **2016**, 57, 5017-5021	2	22
287	Synthesis of 1H-1,2,3-triazoles Rufinamide analogs by 1,3-dipolar cycloaddition and eletrocyclization reactions of trifluoroacetyl enolethers under thermal solventless conditions. *Journal of Fluorine Chemistry*, **2013**, 156, 112-119	2.1	22
286	Comparative Study of the Regioselectivity and Reaction Media for the Synthesis of 1-tert-Butyl-3(5)-trifluoromethyl-1H-pyrazoles. *European Journal of Organic Chemistry*, **2012**, 2012, 7112-7119	3.2	22
285	Microwave assisted regiospecific synthesis of 5-trifluoromethyl-4,5-dihydropyrazoles and pyrazoles. *Journal of Heterocyclic Chemistry*, **2007**, 44, 1195-1199	1.9	22
284	HALOACETYLATED ENOL ETHERS. XVII.1* A CONVENIENT SYNTHESIS OF 5-TRICHLOROMETHYL-1,2-DIMETHYL- 1H-PYRAZOLIUM CHLORIDES. *Synthetic Communications*, **2002**, 32, 419-423	1.7	22
283	A Convenient Method to Obtain 4,5-Dihydro-1H-Methylpyrazoles by A Ring Transformation Reaction. *Synthetic Communications*, **2000**, 30, 1457-1465	1.7	21
282	Regioselectively controlled synthesis of 3(5)-(trifluoromethyl)pyrazolylbenzenesulfonamides and their effects on a pathological pain model in mice. *European Journal of Medicinal Chemistry*, **2015**, 102, 143-52	6.8	20
281	Antidepressant-like effect of the novel MAO inhibitor 2-(3,4-dimethoxy-phenyl)-4,5-dihydro-1H-imidazole (2-DMPI) in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2012**, 39, 31-9	5.5	20
280	Antipyretic and antioxidant activities of 5-trifluoromethyl-4,5-dihydro-1H-pyrazoles in rats. *Brazilian Journal of Medical and Biological Research*, **2010**, 43, 1193-202	2.8	20
279	Experimental and calculated structural parameters of 5-trihalomethyl-4,5-dihydro-1H-pyrazole derivatives, novel analgesic agents. *Journal of Molecular Structure*, **2009**, 917, 176-182	3.4	20
278	Ionic liquid effects on the reaction of enaminones and tert-butylhydrazine and applications for the synthesis of pyrazoles. *Catalysis Communications*, **2009**, 10, 1967-1970	3.2	20
277	The first synthesis of dihydro-3H-pyrido[2,3-b][1,4]diazepinols and a new alternative approach for diazepinone analogues. *Tetrahedron Letters*, **2007**, 48, 4835-4838	2	20
276	Comparative Study of the Chemoselectivity and Yields of the Synthesis of N-Alkyl-4-(trihalomethyl)-1H-pyrimidin-2-ones. *European Journal of Organic Chemistry*, **2008**, 2008, 5832-5838	3.2	20
275	Haloacetylated Enol Ethers, 19: Synthesis of 3-(2-Thienyl)- and 3-(2-Furyl)-5-trihalomethyl Substituted Azoles. *Synthesis*, **2005**, 2005, 2744-2750	2.9	20
274	New trifluoromethyl-containing (E)-N?-arylidene-[3-alkyl(aryl/heteroaryl)-4,5-dihydro-1H-pyrazol-1-yl]carbohydrazides: Synthesis, crystal structure and antimicrobial/antioxidant activity. *Journal of Fluorine Chemistry*, **2012**, 135, 303-314	2.1	19
273	Ionic Liquid Coatings for Titanium Surfaces: Effect of IL Structure on Coating Profile. *ACS Applied Materials & Interfaces*, **2015**, 7, 27421-31	9.5	19
272	Pyrazole synthesis under microwave irradiation and solvent-free conditions. *Journal of the Brazilian Chemical Society*, **2010**, 21, 1037-1044	1.5	19
271	Convenient synthesis of furan-3-carboxylic acid and derivatives. *Tetrahedron Letters*, **2004**, 45, 5689-5691	2	19

270	Chelating effect of novel pyrimidines in a model of aluminum intoxication. *Journal of Inorganic Biochemistry*, **2005**, 99, 1853-7	4.2	19
269	Regiospecific one-pot synthesis of new trifluoromethyl substituted heteroaryl pyrazolyl ketones. *Journal of Heterocyclic Chemistry*, **2005**, 42, 631-637	1.9	19
268	Synthesis of new fluorine-containing dihydrobenzo[c]acridines from trifluoroacetyl dihydronaphthalene and substituted anilines. *Journal of Fluorine Chemistry*, **2005**, 126, 1384-1389	2.1	19
267	SYNTHESIS OF SOME N-[1-ALKYL(ARYL)- 3-OXO-4,4,4-TRICHLORO(TRIFLUORO)-1-BUTEN-1-YL]-o-AMINOPHENOLS AND o-PHENYLENEDIAMINES AS POTENTIAL ANTICANCER AGENTS. *Synthetic Communications*, **2002**, 32, 335-341	1.7	19
266	Evaluation of mammalian and bacterial cell activity on titanium surface coated with dicationic imidazolium-based ionic liquids. *RSC Advances*, **2016**, 6, 36475-36483	3.7	19
265	Ultrasound irradiation promotes the synthesis of new 1,2,4-triazolo[1,5-a]pyrimidine. *Ultrasonics Sonochemistry*, **2014**, 21, 958-62	8.9	18
264	Thermodynamic Insights into the Binding of Mono- and Dicationic Imidazolium Surfactant Ionic Liquids with Methylcellulose in the Diluted Regime. *Journal of Physical Chemistry B*, **2017**, 121, 8385-8398	3.4	18
263	Ionic liquid promoted cyclocondensation reactions to the formation of isoxazoles, pyrazoles and pyrimidines. *Catalysis Communications*, **2010**, 11, 476-479	3.2	18
262	Ionic liquid as catalyst in the synthesis of N-alkyl trifluoromethyl pyrazoles. *Catalysis Communications*, **2009**, 10, 1153-1156	3.2	18
261	An efficient synthesis of 1-cyanoacetyl-5-halomethyl-4,5-dihydro-1H-pyrazoles in ionic liquid. *Monatshefte F□ Chemie*, **2008**, 139, 1049-1054	1.4	18
260	Synthesis of Novel 3-Amino-5-trifluoromethylazoles: A Convenient Method of Obtaining N-(Azol-3-yl)amines. *Synthesis*, **2006**, 2006, 1485-1493	2.9	18
259	TiO2 nanoparticles coated with deep eutectic solvents: characterization and effect on photodegradation of organic dyes. *New Journal of Chemistry*, **2019**, 43, 1415-1423	3.6	17
258	Ionic Liquids Promoted the C-Acylation of Acetals in Solvent-free Conditions. *Catalysis Letters*, **2009** , 130, 93-99	2.8	17
257	Structural studies of 2-methyl-7-substituted pyrazolo[1,5-a]pyrimidines. *Journal of Heterocyclic Chemistry*, **2010**, 47, 1259-1268	1.9	17
256	Microwave-assisted synthesis of novel 5-trichloromethyl-4,5-dihydro-1H-1-pyrazole methyl esters under solvent free conditions. *Journal of the Brazilian Chemical Society*, **2006**, 17, 408-411	1.5	17
255	Synthesis and structure of new trichloromethyl-□diketones ? 5-Trichloromethylisoxazole and 5-isoxazolecarboxylic acid derivatives. *Canadian Journal of Chemistry*, **2005**, 83, 1171-1177	0.9	17
254	Polymorphism in an 18-membered macrocycle: an energetic and topological approach to understand the supramolecular structure. *CrystEngComm*, **2016**, 18, 3866-3876	3.3	17
253	In vitro and in silico analysis of the efficiency of tetrahydropyridines as drug efflux inhibitors in Escherichia coli. *International Journal of Antimicrobial Agents*, **2017**, 49, 308-314	14.3	16

252	Structural and thermodynamic properties of new pyrazolo[3,4-d]pyridazinones. *Thermochimica Acta* , **2013**, 574, 63-72	2.9	16
251	Highly Chemoselective Synthesis of 6-Alkoxy-1-alkyl(aryl)-3-trifluoroacetyl-1,4,5,6-tetrahydropyridines and 1-Alkyl(aryl)-6-amino-3-trifluoroacetyl-1,4,5,6-tetrahydropyridines. *European Journal of Organic Chemistry*, **2009**, 2009, 1435-1444	3.2	16
250	DAST promotes the synthesis of new 5-(trifluoromethyl)-3-(1,1-difluoroethan-2-yl)-1H-pyrazoles. *Tetrahedron Letters*, **2009**, 50, 1392-1394	2	16
249	General method for dehydration, intramolecular cyclization, and fluorination of trifluoromethyl-1H-pyrazoles using DAST. *Tetrahedron Letters*, **2010**, 51, 3759-3761	2	16
248	Reaction of β-alkoxyvinyl halomethyl ketones with cyanoacetohydrazide. *Journal of the Brazilian Chemical Society*, **2008**, 19, 1361-1368	1.5	16
247	New efficient approach for the synthesis of 2-alkyl(aryl) substituted 4H-pyrido[1,2-a]pyrimidin-4-ones. *Journal of Heterocyclic Chemistry*, **2006**, 43, 229-233	1.9	16
246	Synthesis of 4-(trihalomethyl)dipyrimidin-2-ylamines from β-alkoxy-β-unsaturated trihalomethyl ketones. *Journal of Heterocyclic Chemistry*, **2002**, 39, 943-947	1.9	16
245	5-Trifluoromethyl-1,2-dimethyl-1H-pyrazolium chlorides: synthesis and , , and NMR chemical shifts. *Journal of Fluorine Chemistry*, **2002**, 118, 69-72	2.1	16
244	Microwave assisted synthesis of 5-hydroxy-5-trichloromethyl-4,5-dihydroisoxazoles. *Tetrahedron Letters*, **2002**, 43, 7005-7008	2	16
243	Synthesis of novel trifluoromethylated β-acetal-diols and their application to the synthesis of 3-ethoxy-5-hydroxy-5-trifluoromethyl-pyrrolidin-2-one. *Journal of Fluorine Chemistry*, **2001**, 107, 149-154	2.1	16
242	REACTIONS OF β-ALKOXYVINYL TRIFLUOROMETHYL KETONES. THE SYNTHESIS OF N-[1-ARYL-3-OXO-4,4,4-TRIFLUORO-1-BUTEN-1-YL]-o-PHENYLENEDIAMINES AND 4-ARYL-2-TRIFLUOROMETHYL-3H-1,5-BENZODIAZEPINES. *Synthetic Communications*, **2002**, 32, 3225-3232	1.7	16
241	Density Functional Theory and Quantum Theory of Atoms in Molecules Analysis: Influence of Intramolecular Interactions on Pirouetting Movement in Tetraalkylsuccinamide[2]rotaxanes. *Crystal Growth and Design*, **2017**, 17, 5845-5857	3.5	15
240	New solventless and metal-free synthesis of the antiepileptic drug 1-(2,6-difluorobenzyl)-1H-1,2,3-triazole-4-carboxamide (Rufinamide) and analogues. *Tetrahedron Letters*, **2015**, 56, 441-444	2	15
239	Insights on the Similarity of Supramolecular Structures in Organic Crystals Using Quantitative Indexes. *ACS Omega*, **2018**, 3, 2569-2578	3.9	15
238	Warfarin drug interactions: a comparative evaluation of the lists provided by five information sources. *European Journal of Clinical Pharmacology*, **2011**, 67, 1301-8	2.8	15
237	A convenient two-step synthesis of 6-methylenesubstituted-4-trichloromethyl-2-methylsulfanyl pyrimidines. *Tetrahedron Letters*, **2006**, 47, 573-576	2	15
236	Reactions of β-methoxyvinyl trifluoromethyl ketones with 2-pyridinecarboxamidrazone: A convenient route to trifluoromethylated 4,5-dihydro-1H-1-picolinoylpyrazole hydrochlorides. *Journal of Fluorine Chemistry*, **2003**, 122, 159-163	2.1	15
235	A CONVENIENT SYNTHESIS OF 4-TRICHLOROMETHYL-PYRIMIDIN-2-YLAMINE DERIVATIVES. *Synthetic Communications*, **2001**, 31, 2855-2863	1.7	15

234	Conformational Studies of -Substituted Carbonyl Compounds by I. R. Spectroscopy. II. -Heterosubstituted N, N-Diethylacetamides. *Spectroscopy Letters*, **1981**, 14, 505-517	1.1	15
233	Sonochemical heating profile for solvents and ionic liquid doped solvents, and their application in the N-alkylation of pyrazoles. *Ultrasonics Sonochemistry*, **2016**, 32, 432-439	8.9	15
232	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. *Journal of Organic Chemistry*, **2015**, 80, 12453-9	4.2	14
231	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. *New Journal of Chemistry*, **2018**, 42, 1913-1920	3.6	14
230	Improvement of tribological and anti-corrosive performance of titanium surfaces coated with dicationic imidazolium-based ionic liquids. *RSC Advances*, **2016**, 6, 78795-78802	3.7	14
229	New 2-(aryl/heteroaryl)-6-(morpholin-4-yl/pyrrolidin-1-yl)-(4-trifluoromethyl)quinolines: synthesis via Buchwald-Hartwig amination, photophysics, and biomolecular binding properties. *New Journal of Chemistry*, **2018**, 42, 10024-10035	3.6	14
228	The potential antidepressant-like effect of imidazoline I2 ligand 2-BFI in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2012**, 37, 15-21	5.5	14
227	Molecular structure of pyrazolo[1,5-a]pyrimidines: X-ray diffractometry and theoretical study. *Journal of Molecular Structure*, **2009**, 933, 142-147	3.4	14
226	Antioxidant potential of new pyrazoline derivatives to prevent oxidative damage. *Basic and Clinical Pharmacology and Toxicology*, **2009**, 104, 107-12	3.1	14
225	Application of 4-Alkoxy-1,1,1-trifluoro[chloro]alk-3-en-2-ones as Selective Protecting Groups of Amino Acids. *Synthesis*, **2002**, 2002, 2409-2415	2.9	14
224	A Convenient Preparation of 4-Methyl- and 4-Phenylseleno-1,1,1-trihalo-3-alken-2-ones and their Usefulness in the Synthesis of 3-Trihalomethyl-isoselenazoles. *Synthesis*, **2002**, 2002, 2220-2224	2.9	14
223	SYNTHESIS OF 3-METHYLISOXAZOLE- 5-CARBOXAMIDES AND 5-[(1H-PYRAZOL-1-YL)CARBONYL]-3-METHYLISOXAZOLES. *Synthetic Communications*, **2002**, 32, 425-433	1.7	14
222	Regiochemical Control of Pyrazoles by Solvent and -Enamino Diketone Structure: Regioselective Synthesis of 4,5-Disubstituted N-Phenylpyrazoles. *Asian Journal of Organic Chemistry*, **2017**, 6, 627-633	3	13
221	Synthesis of -Pyrrolyl(furanyl)-Substituted Piperazines, 1,4-Dizepanes, and 1,4-Diazocanes. *Journal of Organic Chemistry*, **2019**, 84, 8976-8983	4.2	13
220	Ultrasound promoted the synthesis of N-propargylic -enaminones. *Ultrasonics Sonochemistry*, **2012**, 19, 227-31	8.9	13
219	Thermodynamic, energetic, and topological properties of crystal packing of pyrazolo[1,5-a]pyrimidines governed by weak electrostatic intermolecular interactions. *CrystEngComm*, **2015**, 17, 4325-4333	3.3	13
218	New strategy for the regioselective synthesis of 1-phenyl-3-trifluoromethyl-1H-pyrazoles. *Tetrahedron Letters*, **2013**, 54, 4076-4079	2	13
217	A solvent-free synthesis of beta-enamino trihalomethyl ketones. *Journal of the Brazilian Chemical Society*, **2007**, 18, 1486-1491	1.5	13

216	Inhibitory effect of novel pyrimidines on ATP and ADP hydrolysis in synaptosomes from rat cerebral cortex. *Chemical Research in Toxicology*, **2003**, 16, 1433-9	4	13
215	17O NMR chemical shifts: a simple and useful rule for substituent additivity on oxygen atoms with a coordination number of two. *Magnetic Resonance in Chemistry*, **1999**, 37, 852-855	2.1	13
214	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
213	Ullmann-type copper-catalyzed coupling amination, photophysical and DNA/HSA-binding properties of new 4-(trifluoromethyl)quinoline derivatives. *Journal of Fluorine Chemistry*, **2019**, 221, 84-90	2.1	12
212	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
211	From Renewable Levulinic Acid to a Diversity of 3-(Azol-3-yl)Propanoates. *Journal of Heterocyclic Chemistry*, **2014**, 51, 733-740	1.9	12
210	Regioselective synthesis and through-space 13C□19F spin□spin coupling NMR of new tetracyclic 3-(trifluoromethyl)-spiro(chromen[4,3-c]pyrazole-4,1?-cycloalkanes). *Journal of Fluorine Chemistry*, **2014**, 166, 44-51	2.1	12
209	ANRORC rearrangement in tetrahydro-2H-chromenones. Synthesis and structural assignment by NMR, MS, X-ray and DFT calculations of 2-[3(5)-trifluoromethyl-1H-pyrazol-4-yl)arylmethyl]cyclohexenones and derivatives. *Journal of Fluorine Chemistry*, **2013**, 151, 38-44	2.1	12
208	Convenient One-Pot Synthesis of N-Substituted 3-Trifluoroacetyl Pyrroles. *Synlett*, **2009**, 2009, 755-758	2.2	12
207	Microwave-assisted synthesis and antimicrobial activity of 5-trihalomethyl-3-arylisoxazoles. *Monatshefte F□ Chemie*, **2008**, 139, 985-990	1.4	12
206	Synthesis of New 2-(5-Aryl-3-styryl-4,5-dihydro-1H-pyrazol-1-yl)-4-(trifluoromethyl)pyrimidines. *Synthesis*, **2006**, 2006, 2349-2356	2.9	12
205	Microwave-Assisted Regiospecific Synthesis of 2-Trifluoromethyl-7- Trihalomethylated Pyrazolo[1,5-a]Pyrimidines. *Letters in Organic Chemistry*, **2006**, 3, 358-362	0.6	12
204	Synthesis, 17O NMR spectroscopy and structure of 2-trifluoroacetyl-1-methoxycycloalkenes. *Journal of Fluorine Chemistry*, **2005**, 126, 1396-1402	2.1	12
203	Regiospecific synthesis of new non-condensed heteropolycyclic systems from beta-heteroaryl-beta-methoxyvinyl trihalomethyl ketones. *Journal of the Brazilian Chemical Society*, **2005**, 16, 868-873	1.5	12
202	Multinuclear NMR spectroscopy, photophysical, electrochemical and DNA-binding properties of fluorinated 1,8-naphthyridine-based boron heterocycles. *Journal of Fluorine Chemistry*, **2018**, 205, 8-14	2.1	12
201	Efficient approach for regioselective synthesis of new trifluoromethyl-substituted spirotetracyclic isoxazolines and isoxazoles. *Journal of Fluorine Chemistry*, **2017**, 197, 6-14	2.1	11
200	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. *European Journal of Medicinal Chemistry*, **2015**, 101, 836-42	6.8	11
199	A telescoped protocol for the synthesis of new pyrrolo [3,4-d]pyridazinones by cascade reactions. *Tetrahedron Letters*, **2015**, 56, 5190-5195	2	11

198	Synthesis, biological evaluation and molecular docking study of 7-amine-spiro[chromeno[4,3-b]quinoline-6,1?-cycloalkanes] as new tacrine hybrids. *Tetrahedron Letters*, **2015**, 56, 7024-7027	2	11
197	Elucidating Anion Effect on Nanostructural Organization of Dicationic Imidazolium-Based Ionic Liquids. *Journal of Physical Chemistry C*, **2016**, 120, 14402-14409	3.8	11
196	An Efficient Synthesis of Oxa- and Aza-Condensed Tetrahydropyridines from Cyclic Enones. *Synthesis*, **2010**, 2010, 2348-2354	2.9	11
195	Convergent procedure for the synthesis of trifluoromethyl-containing N-(pyridinyl-triazolyl)pyrimidin-2-amines. *Journal of Fluorine Chemistry*, **2010**, 131, 1297-1301	2.1	11
194	The unexpected cyclization routes of N,N?-bis(oxotrifluoroalkenyl)-1,3-phenylenediamines in polyphosphoric acid medium. *Tetrahedron Letters*, **2010**, 51, 3752-3755	2	11
193	Molecular Structure of Heterocycles: NMR Spectroscopy, Semiempirical MO Calculations and X-Ray Diffraction of 3,3a,4,5,6,7-Hexahydro-3-trichloromethyl[2,1]benzoisoxazole. *Spectroscopy Letters*, **1997**, 30, 661-675	1.1	11
192	5-Halomethyl-5-Hydroxy-4,5-Dihydroisoxazoles: Synthesis and 13C, 17O,15N, 19F NMR Spectroscopy. *Mini-Reviews in Organic Chemistry*, **2008**, 5, 53-76	1.7	11
191	An ionic liquid as reaction medium for the synthesis of halo-containing β-enaminones at room temperature. *Monatshefte F□ Chemie*, **2008**, 139, 1321-1327	1.4	11
190	One-Pot Synthesis of a New Series of 3-Alkoxy-5-hydroxy-5-trifluoromethylpyrrolidin-2-ones from 1,1,1-Trifluoro-4-alkoxyalk-3-en-2-ones. *Synthesis*, **2002**, 2002, 2404-2408	2.9	11
189	NMR chemical shift substituent effects: 2-□monosubstituted N,N-diethylacetamides. *Magnetic Resonance in Chemistry*, **1980**, 14, 522-527		11
188	Synthesis, antimicrobial activity and cytotoxic investigation of novel trifluoromethylated tetrazolo[1,5-a]pyrimidines. *Medicinal Chemistry Research*, **2017**, 26, 640-649	2.2	10
187	Deep eutectic solvent mediated synthesis of thiomethyltriazolo[1,5- a]pyrimidines. *Journal of Molecular Liquids*, **2016**, 223, 934-938	6	10
186	Thermodynamic properties of the aggregation behavior of a dicationic ionic liquid determined by different methods. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2016**, 494, 1-8	5.1	10
185	Sequential one-pot three-step synthesis of polysubstituted 4-(5-(trifluoromethyl)-1H-pyrazol-4-yl)-1H-1,2,3-triazole systems. *RSC Advances*, **2017**, 7, 43957-43964	3.7	10
184	New one-pot, efficient, and regioselective method for the synthesis of 3-Trifluoromethyl-1H-1-phenylpyrazoles and alkyl 3-carboxylate analogs. *Tetrahedron Letters*, **2012**, 53, 5488-5491	2	10
183	2-Trifluoroacetyl-1-methoxycycloalkenes: A convenient precursor for the synthesis of geminated polymethylene trifluoromethyl substituted heterocycles. *Journal of Heterocyclic Chemistry*, **2009**, 46, 158-163	1.9	10
182	Chemoselective fluorination of 2-hydroxy-3,4,7,8-tetrahydro-2H-chromen-5(6H)-ones using DAST. *Tetrahedron Letters*, **2011**, 52, 3333-3335	2	10
181	Straightforward and Regiospecific Synthesis of Pyrazole-5-carboxylates from Unsymmetrical Enaminodiketones. *Synlett*, **2008**, 2008, 1673-1678	2.2	10

180	Efficient synthesis of new 1-[Alkyl(aryl)]-5-(3,3,3-trihalo-2-oxopropylidene)pyrrolidin-2-ones. *Journal of the Brazilian Chemical Society*, **2008**, 19, 184-193	1.5	10
179	Preparation of new 2-amino- and 2,3-diamino-pyridine trifluoroacetyl enamine derivatives and their application to the synthesis of trifluoromethyl-containing 3H-pyrido[2,3-b][1,4] diazepinols. *Journal of Heterocyclic Chemistry*, **2008**, 45, 1679-1686	1.9	10
178	1,1,1-Trichloro-4,4-diethoxy-3-buten-2-one and its Trichloroacetylacetate Derivatives: Synthesis and Applications in Regiospecific Preparation of Azoles. *Synthesis*, **2003**, 2003, 2353-2357	2.9	10
177	Haloacetylated enol ethers: 18. *Journal of Fluorine Chemistry*, **2003**, 123, 249-253	2.1	10
176	The structure in the solid state and in solution of 3(5)-trifluoromethyl-4,5(3)-polymethylenepyrazoles. *Arkivoc*, **2006**, 2006, 29-37	0.9	10
175	Polymorphism in a Rotaxane Molecule: Intra- and Intermolecular Understanding. *Crystal Growth and Design*, **2019**, 19, 1021-1030	3.5	10
174	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. *Journal of Fluorine Chemistry*, **2018**, 205, 49-57	2.1	10
173	Supramolecular Similarity in Polymorphs: Use of Similarity Indices (I). *ACS Omega*, **2019**, 4, 9697-9709	3.9	9
172	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
171	Crystallization Mechanisms Applied to Understand the Crystal Formation of Rotaxanes. *European Journal of Organic Chemistry*, **2019**, 2019, 3451-3463	3.2	9
170	Structural improvement of compounds with analgesic activity: AC-MPF4, a compound with mixed anti-inflammatory and antinociceptive activity via opioid receptor. *Pharmacology Biochemistry and Behavior*, **2015**, 129, 72-8	3.9	9
169	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
168	Convergent synthesis and cytotoxicity of novel trifluoromethyl-substituted (1H-pyrazol-1-yl)(quinolin-4-yl) methanones. *Journal of Fluorine Chemistry*, **2016**, 190, 31-40	2.1	9
167	Insights on conformation in the solid state: a case study □s-cis and/or s-trans crystallization of 5(3)-aryl-3(5)-carboxyethyl-1-tert-butylpyrazoles. *CrystEngComm*, **2018**, 20, 5154-5168	3.3	9
166	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. *Journal of Heterocyclic Chemistry*, **2013**, 50, E193-E199	1.9	9
165	The first application of 4-alkoxy-1,1,1-trifluoroalk-3-en-2-ones in a three-component condensation protocol for the synthesis of 3-acyl-4-aryl-2-(trifluoromethyl)-2-hydroxy-3,4,7,8-tetrahydro-2H-chromen-5(6H)-ones. *Journal of Fluorine Chemistry*, **2011**, 132, 160-165	2.1	9
164	Synthesis of novel quinolines using TsOH/ionic liquid under microwave. *Journal of the Brazilian Chemical Society*, **2012**, 23, 1663-1668	1.5	9
163	X-ray structure, semi-empirical MO calculations and □electron delocalization of 1-cyanoacetyl-5-trifluoromethyl-5-hydroxy-4,5-dihydro-1H-pyrazoles. *Journal of Molecular Structure* , **2010**, 969, 111-119	3.4	9

162	One-pot synthesis of N2-aminoprotected 6-substituted and cycloalka[d] 4-trifluoromethyl-2-acetylaminopyrimidines. *Journal of Heterocyclic Chemistry*, **2008**, 45, 483-487	1.9	9
161	Synthesis of Tetrahydro-2(1H)quinazolinones, Cyclopenta[d]-2(1H)pyrimidinones, and Their Thioxo Analogs from 2-Trifluoroacetyl-1-methoxycycloalkenes. *Synthetic Communications*, **2005**, 35, 3055-3064	1.7	9
160	Convenient synthesis of 3-aminomethylenedihydrofuran-2-ones. *Tetrahedron Letters*, **2003**, 44, 961-964	2	9
159	13C NMR chemical shift substituent effects. 5Monosubstituted N,N-diethylacetamides. *Magnetic Resonance in Chemistry*, **1988**, 26, 73-77	2.1	9
158	Regiospecific synthesis of 1,2-bis(azolyl)ethanes. *Journal of the Brazilian Chemical Society*, **2005**, 16, 275-279	1.5	9
157	Alkoxyvinyl trifluoromethyl ketones as efficient precursors for the one-pot synthesis of bis-(4,5-dihydro-1H-pyrazol-1-yl)methanones and 1H-pyrazolyl-1-carbohydrazides. *Arkivoc*, **2009**, 2009, 174-182	0.9	9
156	Preparation of trichloroacetoamidoxime in aqueous media and application in one pot synthesis of 1,2,4-oxadiazoles. *Arkivoc*, **2009**, 2009, 1-7	0.9	9
155	New 1-(Spiro[chroman-2,1?-cycloalkan]-4-yl)-1H-1,2,3-Triazoles: Synthesis, QTAIM/MEP analyses, and DNA/HSA-binding assays. *Journal of Molecular Liquids*, **2021**, 324, 114729	6	9
154	Supramolecular Packing of a Series of -Phenylamides and the Role of NHO=C Interactions. *ACS Omega*, **2018**, 3, 13850-13861	3.9	9
153	Conformer Distribution in Rotaxanes Containing Nonsymmetric Threads: A Systematic Approach. *European Journal of Organic Chemistry*, **2018**, 2018, 4978-4990	3.2	9
152	Competition between the donor and acceptor hydrogen bonds of the threads in the formation of [2]rotaxanes by clipping reaction. *New Journal of Chemistry*, **2017**, 41, 13303-13318	3.6	8
151	Cyanoacetylazoles and salicylic aldehydes promoting the synthesis of new trifluoromethyl-substituted azolecarbonyl-2H-chromen-2-ones through the Knoevenagel condensation reaction. *Journal of Fluorine Chemistry*, **2015**, 178, 296-305	2.1	8
150	Brominated Alkoxyvinyl Trihalomethyl Ketones as Promising Synthons in Heterocyclic Synthesis. *Synthesis*, **2020**, 52, 2008-2016	2.9	8
149	New regioselective synthesis of polyfunctionalized 3-ferrocenyl-1 H -pyrroles under microwave irradiation. *Tetrahedron Letters*, **2016**, 57, 4568-4573	2	8
148	Synthesis and photophysical, thermal and antimycobacterial properties of novel 6-amino-2-alkyl(aryl/heteroaryl)-4-(trifluoromethyl) quinolines. *New Journal of Chemistry*, **2019**, 43, 12375-12384	3.6	8
147	Antitumoral activity of a trichloromethyl pyrimidine analogue: molecular cross-talk between intrinsic and extrinsic apoptosis. *Chemical Research in Toxicology*, **2014**, 27, 1040-9	4	8
146	Synthesis, effect of substituents on the regiochemistry and equilibrium studies of tetrazolo[1,5-]pyrimidine/2-azidopyrimidines. *Beilstein Journal of Organic Chemistry*, **2017**, 13, 2396-2407	2.5	8
145	General pathway for a convenient one-pot synthesis of trifluoromethyl-containing 2-amino-7-alkyl(aryl/heteroaryl)-1,8-naphthyridines and fused cycloalkane analogues. *Molecules*, **2011**, 16, 2817-32	4.8	8

144	Solvent-free route to β-enamino dichloromethyl ketones and application in the synthesis of novel 5-dichloromethyl-1H-pyrazoles. *Journal of Heterocyclic Chemistry*, **2009**, 46, 1247-1251	1.9	8
143	Synthesis of New Fluorine-Containing 1,2,3,4-Tetrahydroacridines. *Synthetic Communications*, **2009**, 39, 3677-3686	1.7	8
142	Preparation and crystal structure determination of adducts of copper(II) chloride with 3-aryl-1-(imino-pyridin-2-yl-methyl)-5-hydroxy-5-trifluoromethyl-4,5-dihydro-1H-pyrazoles. *Inorganic Chemistry Communication*, **2003**, 6, 646-649	3.1	8
141	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. *Arkivoc*, **2013**, 2012, 62-75	0.9	8
140	The Wonderful World of β-Enamino Diketones Chemistry. *European Journal of Organic Chemistry*, **2020**, 2020, 6405-6417	3.2	8
139	Regioselectively Controlled Synthesis of N-Substituted (Trifluoromethyl)pyrimidin-2(1H)-ones. *Journal of Organic Chemistry*, **2016**, 81, 3727-34	4.2	8
138	Chemo- and regioselective reactions of 5-bromo enones/enaminones with pyrazoles. *Organic and Biomolecular Chemistry*, **2019**, 17, 2384-2392	3.9	7
137	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
136	Useful approach for O-functionalization of trifluoromethyl-substituted spirotetracyclic isoxazolines, and their application in the synthesis of 1,2,3-triazole derivatives. *Journal of Fluorine Chemistry*, **2018**, 210, 142-148	2.1	7
135	Efficient microwave-assisted synthesis of 1-aryl-4-dimethylamino methyleno-pyrrolidine-2,3,5-triones. *Tetrahedron Letters*, **2012**, 53, 3131-3134	2	7
134	Evaluation of the synthesis of 1-(pentafluorophenyl)-4,5-dihydro-1H-pyrazoles using green metrics. *Monatshefte Für Chemie*, **2013**, 144, 1043-1050	1.4	7
133	Brominated Trihalomethylenones as Versatile Precursors to 3-Ethoxy, -Formyl, -Azidomethyl, -Triazolyl, and 3-Aminomethyl Pyrazoles. *Journal of Heterocyclic Chemistry*, **2013**, 50, 71-77	1.9	7
132	Efficient Synthesis of (1,2,3-Triazol-1-yl)methylpyrimidines from 5-Bromo-1,1,1-trifluoro-4-methoxypent-3-en-2-one. *European Journal of Organic Chemistry*, **2017**, 2017, 306-312	3.2	7
131	Simultaneous regioselective synthesis of trifluoromethyl-containing 1,7-phenanthrolines and quinolines from cyclocondensation reaction of N,N'-bis(oxotrifluoroalkenyl)-1,3-phenylenediamines. *Journal of the Brazilian Chemical Society*, **2011**	1.5	7
130	Synthesis of new trihalomethylated and non-symmetrical substituted 2-(1H-pyrazolyl)-5-(1H-pyrazolylcarbonyl)pyridines. *Journal of the Brazilian Chemical Society*, **2009**, 20, 509-517	1.5	7
129	A Convenient Synthesis of 5- and 6-Substituted 2-Phenyl-3H-pyrimidin-4-ones. *Synthesis*, **2008**, 2008, 358-362	2.9	7
128	A simple one-pot synthesis of 3-alkoxy-3-cyanocarboxylic acids: a rapid entry to new GABA derivatives. *Tetrahedron Letters*, **2007**, 48, 6531-6534	2	7
127	Synthesis and structural study of a new series of 2-methylsulfanyl-tetrahydropyrimidines from β-alkoxyvinyl trihalomethyl ketones. *Journal of Heterocyclic Chemistry*, **2008**, 45, 221-227	1.9	7

126	Synthesis of the omega-brominated alpha-trifluoroacetylcycloalkanones and their isoxazole derivatives. *Journal of the Brazilian Chemical Society*, **2006**, 17, 79-84	1.5	7
125	Efficient synthesis and dehydration reaction of trichloromethylated 2-(3-phenyl-5-hydroxy-4,5-dihydro-1H-pyrazol-1-yl)-4-aryl-5-alkylthiazoles. *Heteroatom Chemistry*, **2003**, 14, 132-137	1.2	7
124	Design and Synthesis of Novel TrichloromethylatedN-Azolylmethyl-1H-□pyrimidin-2-ones and RelatedN-Methylenaminones. *Synlett*, **2005**, 2005, 3079-3082	2.2	7
123	Regiochemistry of the Reaction of 2-Acylcyclohexanones with Trimethyl Orthoformate: A Convenient One-Pot Method to Obtain 7,7-Dimethoxy Alkanoate Methyl Esters. *Synlett*, **1999**, 1999, 789-791	2.2	7
122	Ultrasound-assisted synthesis of pyrimidines and their fused derivatives: A review. *Ultrasonics Sonochemistry*, **2021**, 79, 105683	8.9	7
121	[2]Rotaxanes Bearing a Tetralactam Macrocycle: The Role of a Trifurcated Hydrogen Bond in the Crystalline State. *European Journal of Organic Chemistry*, **2019**, 2019, 3464-3471	3.2	6
120	Unexpected Metal-Free Fluorination and Oxidation at the C-4 Position of Pyrazoles Promoted by Selectfluor. *Synlett*, **2015**, 26, 2009-2013	2.2	6
119	Effect of slight structural changes on the gelation properties of N-phenylstearamide supramolecular gels. *Soft Matter*, **2018**, 14, 6716-6727	3.6	6
118	Interaction of pharmaceutical ionic liquids with TiO2 in anatase and rutile phase. *Journal of Molecular Liquids*, **2018**, 269, 912-919	6	6
117	Efficient entry to trifluoromethyl substituted chromanes from oxidative aromatization of tetrahydro-2H-chromen-5(6H)-ones using iodine/alcohol with conventional and microwave methods. *Journal of Fluorine Chemistry*, **2012**, 142, 90-95	2.1	6
116	Determina□ de bifenilos policlorados em milho atrav□s de extra□ em fase s□lida seguida de cromatografia a g□ acoplada □espectrometria de massas. *Quimica Nova*, **2012**, 35, 553-558	1.6	6
115	Regiospecific synthesis of new fatty N-acyl trihalomethylated pyrazoline derivatives from fatty acid methyl esters (FAMEs). *Journal of the Brazilian Chemical Society*, **2012**, 23, 2122-2127	1.5	6
114	Pharmaceutical Salts: Solids to Liquids by Using Ionic Liquid Design **2013**,		6
113	Ionic liquid and Lewis acid combination in the synthesis of novel (E)-1-(benzylideneamino)-3-cyano-6-(trifluoromethyl)-1H-2-pyridones. *Monatshefte F□ Chemie*, **2011**, 142, 1265-1270	1.4	6
112	Improved One-Pot Synthesis of 1-Aryl-3-trifluoroacetyl-1H-pyrroles under Swern Oxidation. *Synthesis*, **2012**, 44, 3477-3482	2.9	6
111	Synthesis and structural study of N-methyl-2-methylthiopyrimidine derivatives from trihalomethylated enones. *Journal of Heterocyclic Chemistry*, **2010**, 47, 1234-1239	1.9	6
110	Preparation of novel trifluoroacetylketene O,N-acetals and trifluoromethyl-containing S,S-sulfoximido N-substituted heterocycles. *Journal of the Brazilian Chemical Society*, **2009**, 20, 1370-1378	1.5	6
109	One-Pot Synthesis of Pyrazole-5(3)-carboxyamides. *Synthetic Communications*, **2004**, 34, 1915-1923	1.7	6

108	Molecular Structure of Heterocycles: 6. Solvent Effects on the 17O Nmr Chemical Shifts of 5-Trichloromethylisoxazoles. *Journal of the Brazilian Chemical Society*, **2001**, 12, 804-808	1.5	6
107	Molecular Structure of Heterocycles: 3. Semiempirical MO Calculations and Karplus-Type Dihedral Angle Dependence for the Coupling Constant Relationship of Some 4,5-Dihydro-5-Hydroxy-5(3)-Halomethylisoxazoles. *Spectroscopy Letters*, **1998**, 31, 621-631	1.1	6
106	Haloacetylated Compounds: Solvent Effects on the 17O Nmr Chemical Shifts of 1,1,1-Trichloro-4-Methoxy-3-Alken-2-Ones. *Spectroscopy Letters*, **1999**, 32, 973-981	1.1	6
105	Synthesis of novel conjugated enynes: a reaction of lithium acetylenides with ╫dimethylaminovinyl ketones. *Arkivoc*, **2007**, 2007, 205-212	0.9	6
104	Heteroassembly Ability of Dicationic Ionic Liquids and Neutral Active Pharmaceutical Ingredients. *ACS Omega*, **2018**, 3, 2282-2291	3.9	5
103	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
102	Enol ethers and acetals: acylation with dichloroacetyl, acetyl and benzoyl chloride in ionic liquid medium. *Tetrahedron Letters*, **2012**, 53, 170-172	2	5
101	Theoretical aspects of the unexpected regiospecific synthesis of pyrazole-5-carboxylates from unsymmetrical enaminodiketones. *Structural Chemistry*, **2015**, 26, 1007-1011	1.8	5
100	Synthesis in Water and Antimicrobial Activity of 5-Trichloromethyl-4,5-dihydroisoxazoles. *Synthetic Communications*, **2013**, 43, 2326-2336	1.7	5
99	Supramolecular structure of enaminones in solid-state. *Journal of Molecular Structure*, **2010**, 981, 71-79	3.4	5
98	Synthesis of new 1,1?-carbonyl-bis[3-aryl(heteroaryl)-5-(trihalomethyl)-1H-pyrazoles] and trifluoromethyl derivatives through ring-opening reactions. *Journal of Heterocyclic Chemistry*, **2010**, 47, 1073-1078	1.9	5
97	Synthesis of 6-(2-furyl) and 6-(2-thienyl)-4-trifluoromethylpyrimidinones and pyrimidines from 4-(2-heteroaryl)-4-methoxy-1,1,1-trifluoro-3-buten-2-ones. *Journal of the Brazilian Chemical Society*, **2007**, 18, 1316-1321	1.5	5
96	15N NMR spectroscopy of 3-substituted 5-trichloromethyl-1,2-dimethyl-1H-pyrazolium chlorides. *Magnetic Resonance in Chemistry*, **2002**, 40, 182-186	2.1	5
95	Solvent effects on the 17O NMR chemical shifts of 4-dimethylsulfoximide-1,1,1-trifluoro-3-alken-2-ones. *Journal of Fluorine Chemistry*, **2003**, 121, 135-139	2.1	5
94	Synthesis of Alkyl-, Aryl- and Heteroaryl-Substituted 2-[3-Oxo-2,3-dihydro-1H-pyrazol-2-yl]-6(4)-trifluoromethylpyrimidines from ╫Alkoxyvinyl Trifluoromethyl Ketones. *Synthesis*, **2005**, 2005, 809-813	2.9	5
93	Molecular Structure of Heterocycles: 2 # NMR Spectroscopy, X- ray Diffraction, and Semiempirical MO Calculations of 5-Bromo-4, 6-dimethoxy-4-trichloromethyl-hexahydropyrimidin-2-one.. *Spectroscopy Letters*, **1998**, 31, 1125-1139	1.1	5
92	Effect of carbonyl substituents on the barrier to rotation in N-ethyl-N-methylamides. *Magnetic Resonance in Chemistry*, **1993**, 31, 451-454	2.1	5
91	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. *Journal of Fluorine Chemistry*, **2020**, 238, 109614	2.1	5

90	Substituent effects on the crystallization mechanisms of 7-chloro-4-substituted-quinolines. *CrystEngComm*, **2020**, 22, 4094-4107	3.3	5
89	Regioselective synthesis, biological evaluation, and molecular docking of dihydropyrimidin-4-ols as acetylcholinesterase inhibitors. *Chemical Biology and Drug Design*, **2017**, 90, 1161-1172	2.9	4
88	Novel 2-phenyl-6-phenylethynyl-4-(trifluoromethyl)quinolines: Synthesis by Sonogashira cross-coupling reaction and their evaluation as liquid crystals. *Journal of Molecular Liquids*, **2019**, 287, 110896	6	4
87	Pyrazole-Enaminones as Promising Prototypes for the Development of Analgesic Drugs. *ChemistrySelect*, **2020**, 5, 14620-14625	1.8	4
86	Divergent and Regioselective Synthesis of (Trifluoromethyl/carboxyethyl)benzo[4,5]imidazo[1,2-a]pyrimidines from Enamino Diketones. *European Journal of Organic Chemistry*, **2020**, 2020, 6478-6484	3.2	4
85	Regiochemistry of cyclocondensation reactions in the synthesis of polyazaheterocycles. *Beilstein Journal of Organic Chemistry*, **2017**, 13, 257-266	2.5	4
84	Eco-friendly synthesis and antioxidant activity of new trifluoromethyl-substituted N-(pyrimidin-2-yl)benzo[d]thiazol-2-amines and some N-derivatives. *Monatshefte F Chemie*, **2016**, 147, 2185-2194	1.4	4
83	Influence of bulky and halogen substituents on crystal packing of pyrazolo[1,5-a]pyrimidines. *Journal of Molecular Structure*, **2011**, 1004, 45-50	3.4	4
82	Structural investigations of 5-hydroxy-4,5-dihydroisoxazoles. *Journal of Molecular Structure*, **2011**, 1006, 462-468	3.4	4
81	An efficient and regioselective synthesis of 1,1?-oxalylbis[3-(alkyl/aryl/heteroaryl)-5-(trihalomethyl)-1H-pyrazoles] from 4-alkoxy-1,1,1-trihaloalk-3-en-2-ones. *Monatshefte F Chemie*, **2011**, 142, 277-285	1.4	4
80	An E-factor minimized solvent-free protocol for the preparation of 4,5-dihydro-5-(trifluoromethyl)-1H-pyrazoles. *Monatshefte F Chemie*, **2011**, 142, 515-520	1.4	4
79	Regioselective synthesis and characterization of new 3-aryl-7-trifluoromethyl-[1,2,4]triazolo[4,3]pyrimidines. *Journal of Heterocyclic Chemistry*, **2011**, 48, 1085-1090	1.9	4
78	Highly regioselective synthesis of novel 1,4-bipyrazoles. *Journal of the Brazilian Chemical Society*, **2010**, 21, 240-247	1.5	4
77	Regiospecific synthesis of 3H-pyrido[2,3-b][1,4]diazepin-4(5H)-ones via haloform reaction with the isolation of N3-[3-oxo-4,4,4-trichloroalk-1-en-1-yl]-2,3-diaminopyridine intermediates. *Journal of Heterocyclic Chemistry*, **2009**, 46, 603-609	1.9	4
76	Synthesis of Ethyl Pyrimidine-4-carboxylates from Unsymmetrical Enamino Diketones and Their Application in the First Synthesis of Pyrimido[4,5-d]pyridazin-8(7H)-ones. *Synthesis*, **2008**, 2008, 3639-3648	2.9	4
75	Synthesis, screening for antiacetylcholinesterase activity and binding mode prediction of a new series of [3-(disubstituted-phosphate)-4,4,4-trifluoro-butyl]-carbamic acid ethyl esters. *Journal of the Brazilian Chemical Society*, **2008**, 19, 1118-1124	1.5	4
74	Regiospecific synthesis of trichloromethyl substituted 4,5-dihydro-1h-1-tosylpyrazoles. *Journal of Heterocyclic Chemistry*, **2007**, 44, 233-236	1.9	4
73	Synthesis and characterization of new trifluoromethyl substituted 3-ethoxycarbonyl- and 3-pyrimidin-2-yl)-(1,2,3)-oxathiazinane-S-oxides. *Journal of Heterocyclic Chemistry*, **2008**, 45, 335-341	1.9	4

72	One-pot synthesis of aryl and heteroaroyl-substituted hydroxypyrazolines from the reactions of alkoxyvinyl trichloromethyl ketones with heteroarylhydrazides. *Heteroatom Chemistry*, **2006**, 17, 685-691	1.2	4
71	N- and C-Acylation in Enamino Ketones: Structural Effects on Regiocontrol. *Synlett*, **2007**, 2007, 3165-3171	2.1	4
70	NMR chemical shift substituent effects. 3Monosubstituted N,N-diethylacetamides; bifunctional compounds in LSR experiments. *Magnetic Resonance in Chemistry*, **1982**, 20, 20-25		4
69	Novel 4,5-bis(trifluoromethyl)-1H-pyrazoles through a concise sequential iodination-trifluoromethylation reaction. *Tetrahedron Letters*, **2019**, 60, 1385-1388	2	3
68	Efficient Syntheses of Ethyl 2-Methylthio- and Ethyl 2-Benzylthio-6-methyl(aryl)pyrimidine-4-carboxylates and Their Carboxylic Acid Derivatives. *Synthesis*, **2015**, 47, 827-835	2.9	3
67	Synthesis of 1-Arylethyl-2-arylethylamino-5-trifluoroacetyl-1,2,3,4-tetrahydropyridines and Related Compounds with Potential Cell Efflux Pump Inhibition. *Journal of Heterocyclic Chemistry*, **2015**, 52, 1776-1781	1.9	3
66	Synthesis of a Novel 1,4-Dicarbonyl Scaffold Ethyl 3-Formyl-4,5-dihydrofuran-2-carboxylate and Its Application to the Synthesis of Pyridazines. *Synthesis*, **2020**, 52, 2528-2534	2.9	3
65	Chemoselective synthesis of 6-amino(alkoxy)-1,4,5,6-tetrahydropyridines from cyclic alkoxyvinyl ketoester. *Tetrahedron Letters*, **2019**, 60, 151336	2	3
64	Straightforward method for regioselective reduction of 3-acyl-substituted 2-(trifluoromethyl)-2H-chromen-5-one and chromane scaffolds in NaBH4/ethanol medium. *Journal of Fluorine Chemistry*, **2013**, 146, 53-58	2.1	3
63	Structural and Physical Aspects of Ionic Liquid Aggregates in Solution **2015**,		3
62	New 4-fluoroalkyl substituted N-phenylpyrazoles: Synthesis promoted by DAST and multinuclear NMR analysis. *Journal of Fluorine Chemistry*, **2015**, 176, 44-50	2.1	3
61	Highly Regioselective Synthesis of 3,6-Disubstituted 2-(Methylsulfanyl)pyrimidin-4(3H)-ones. *Synthesis*, **2015**, 47, 3947-3955	2.9	3
60	Simplified Approach to the Regiospecific Synthesis of Trichloromethylpyrazolines Using Microwave Irradiation. *Synthetic Communications*, **2008**, 38, 3465-3476	1.7	3
59	Regiospecific Bromination of 2-Phenyl-3H-pyrimidin-4-ones. *Synthesis*, **2008**, 2008, 3492-3496	2.9	3
58	MOLECULAR STRUCTURE OF HETEROCYCLES: 17O NMR CHEMICAL SHIFTS: TORSION ANGLE RELATIONSHIPS IN 3-ALKYL SUBSTITUTED 4,5-DIHYDROISOXAZOLES AND ISOXAZOLES *Spectroscopy Letters*, **2001**, 34, 729-736	1.1	3
57	Molecular Structure of Heterocycles: 4# NMR Spectroscopy, X-Ray Diffraction, and Semiempirical Mo Calculations of 3-Phenyl-5-Hydroxy-5-Trichloromethyl-4,5-Dihydro-FH-Pyrazole-1-Carboxyamide. *Spectroscopy Letters*, **1999**, 32, 851-865	1.1	3
56	Efficient preparation of novel N-propargylic enaminones from the reaction of alkoxyvinyltrihalomethyl[carboxy]ketones and propargylamines. *Arkivoc*, **2010**, 2010, 12-18	0.9	3
55	Trifluoromethyl Enamino Diketones as Dual Substrates for the Synthesis of 5-Benzoyl-6-(trifluoromethyl)pyrimidines and their Pyrimidin-4(3H)-one Analogues. *European Journal of Organic Chemistry*, **2020**, 2020, 5527-5536	3.2	3

54	4-(Trifluoromethyl) coumarin-fused pyridines: Regioselective synthesis and photophysics, electrochemical, and antioxidative activity. *Journal of Fluorine Chemistry*, **2021**, 248, 109822	2.1	3
53	Novel 7-(1H-pyrrol-1-yl)spiro[chromeno[4,3-b]quinoline-6,1?-cycloalkanes]: synthesis, cross-coupling reactions, and photophysical properties. *New Journal of Chemistry*, **2021**, 45, 4061-4070	3.6	3
52	Supramolecular self-assembly and thermodynamic properties of 5-aryl-1-(1,1-dimethylethyl)-1H-pyrazoles in the crystalline state. *Journal of Molecular Structure*, **2019**, 1195, 570-581	3.4	2
51	Efficient synthetic access to novel N-(Pyrimidinyl)-N-(1H-benzo[d]imidazolyl)amines in an aqueous medium. *Monatshefte F□ Chemie*, **2015**, 146, 1851-1857	1.4	2
50	Ionic liquid/HCl catalyzed synthesis of 4-(trifluoromethyl)-2(1H)-pyrimidinones. *Monatshefte F□ Chemie*, **2014**, 145, 797-801	1.4	2
49	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. *Journal of Heterocyclic Chemistry*, **2014**, 51, 1333-1339	1.9	2
48	Activity of 4,5-dihydro-1H-pyrazoles against Mycobacterium tuberculosis and nontuberculous mycobacteria. *International Journal of Antimicrobial Agents*, **2014**, 43, 481-3	14.3	2
47	Synthesis of Penta-2,4-dienenitriles by the Horner□Wadsworth□Emmons Olefination of Enones. *Synthesis*, **2017**, 49, 5131-5142	2.9	2
46	4-Trichloroacetyl-1,2,3-triazoles: A versatile building block for rapid assessment of carbohydrazides and rufinamide derivatives. *Tetrahedron Letters*, **2017**, 58, 3827-3830	2	2
45	New Pyrazolyl-Nicotinic Acids, Methyl Esters, and 1,3,4-Oxadiazolyl-pyrazolyl-pyridine Tricyclic Scaffold Derivatives from 6-Hydrazinylnicotinic Acid Hydrazide Hydrate. *Journal of Heterocyclic Chemistry*, **2014**, 51, 1171-1178	1.9	2
44	Organoallylaluminum reagents promote easy access to trihalomethyl triazolyl homoallylic alcohols analogous to rufinamide. *Tetrahedron Letters*, **2014**, 55, 2283-2285	2	2
43	Ionic Liquids: Applications in Heterocyclic Synthesis **2011**,		2
42	Succinic acid dihydrazide: a convenient N,N-double block for the synthesis of symmetrical and non-symmetrical succinyl-bis[5-trifluoro(chloro)methyl-1H-pyrazoles]. *Journal of the Brazilian Chemical Society*, **2010**, 21, 1656-1663	1.5	2
41	An Easy Approach to the Synthesis of New Fused 3-Aryl-5- trifluoromethyl-7,8-dihydro-6H-thieno [2,1-f] [1,2] thiazine 1-Oxide System. *Letters in Organic Chemistry*, **2009**, 6, 145-150	0.6	2
40	Straightforward microwave-assisted synthesis of 1-carboxymethyl-5-trifluoromethyl-5-hydroxy-4,5-dihydro-1H-pyrazoles under solvent-free conditions. *Journal of Heterocyclic Chemistry*, **2010**, 47, NA-NA	1.9	2
39	13C NMR Chemical Shifts of Heterocycles: 3*. Empirical Substituent Effects in 2-Halomethyl-2-hydroxy-tetrahydrofurans and -5,6-tetrahydro-4H-pyrans. *Spectroscopy Letters*, **1996**, 29, 631-640	1.1	2
38	The regiospecific □bromination of 2-trichloroacetylcycloalkanones. *Tetrahedron Letters*, **2008**, 49, 529-533	2	2
37	Indium-Mediated Allylation of α, α-Dichloroketones: The Synthesis of 1,1-Dichloro-2-organyl-pent-4-en-2-ols. *Letters in Organic Chemistry*, **2006**, 3, 597-599	0.6	2

36	MOLECULAR STRUCTURE OF HETEROCYCLES. V. SOLVENT EFFECTS ON THE 17O NMR CHEMICAL SHIFTS OF 5-TRICHLOROMETHYL-5-HYDROXY-4, 5-DIHYDROISOXAZOLES *Spectroscopy Letters*, **2001**, 34, 375-385	1.1	2
35	13C NMR chemical shifts of heterocycles. Empirical substituent effects in 5-halomethyl-5-hydroxy-4,5-dihydroisoxazoles. *Magnetic Resonance in Chemistry*, **1994**, 32, 614-616	2.1	2
34	13C NMR Chemical Shifts of Heterocycles: Empirical Substituent Effects in 5-Halomethylisoxazoles. *Spectroscopy Letters*, **1994**, 27, 1227-1240	1.1	2
33	2-Methyl-5-(4-tol-yl)-7-(trifluoro-meth-yl)pyrazolo[1,5-a]pyrimidine. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 64, o212		2
32	Easy and regioselective access to dimethyl acetal-protected heterocycles and their efficient allylation reactions mediated by allylaluminum reagent. *Arkivoc*, **2013**, 2013, 291-305	0.9	2
31	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. *Journal of the Brazilian Chemical Society*, **2015**,	1.5	2
30	Regio- and stereoselective synthesis of polysubstituted 5-hydroxypyrrolidin-2-ones from 3-alkoxysuccinimides. *Tetrahedron Letters*, **2020**, 61, 151358	2	2
29	7-Amine-spiro[chromeno[4,3-b]quinoline-6,1′-cycloalkanes]: Synthesis and cholinesterase inhibitory activity of structurally modified tacrines. *Bioorganic Chemistry*, **2021**, 108, 104649	5.1	2
28	Haloacetylated Enol Ethers: a Way Out for the Regioselective Synthesis of Biologically Active Heterocycles. *European Journal of Organic Chemistry*, **2021**, 2021, 3886-3911	3.2	2
27	Design, Synthesis, and Cholinesterase Inhibitory Activity of 4-Substituted-6-(trihalomethyl)-2-methylsulfanyl Pyrimidines. *ChemistrySelect*, **2021**, 6, 1204-1209	1.8	2
26	Persistence of NH···O?C Interactions in the Crystallization Mechanisms of Trisubstituted Bis-Ureas with Bulky Substituents. *Crystal Growth and Design*,	3.5	2
25	Synthesis, Crystal Structure, and Supramolecular Understanding of 1,3,5-Tris(1-phenyl-1H-pyrazol-5-yl)benzenes. *Molecules*, **2017**, 23,	4.8	1
24	Synthesis and Structural Analysis of Trichloroacetamidoxime. *Journal of Chemical Crystallography*, **2012**, 42, 697-700	0.5	1
23	New succinyl-spaced pyrazoles: Regioselective synthesis of 1,4-bis[5-(trichloromethyl)-1H-pyrazol-1-yl]butane-1,4-diones. *Journal of Heterocyclic Chemistry*, **2011**, 48, 113-117	1.9	1
22	Heterocyclization of α-Bromo-2-trichloroacetyl Cycloalkanones to Isoxazole Derivatives. *Synthetic Communications*, **2009**, 39, 1893-1902	1.7	1
21	Ethyl 1-(2,4-dichlorophenyl)-5-phenyl-1H-pyrazole-3-carboxylate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4741-o4741		1
20	1H and 13C NMR Chemical Shifts and N-Substituent Effects of Some Unsymmetrically N,N-Disubstituted Acetamides. *Spectroscopy Letters*, **1993**, 26, 1381-1393	1.1	1
19	13C NMR Chemical Shift Substituent Effects: Empirical Substituent Effects in β-Alcoxyvinyl Halomethylketones. *Spectroscopy Letters*, **1994**, 27, 573-585	1.1	1

18	Photophysical, photostability, and ROS generation properties of new trifluoromethylated quinoline-phenol Schiff bases.. *Beilstein Journal of Organic Chemistry*, **2021**, 17, 2799-2811	2.5	1
17	Investigating ESIPT and donor-acceptor substituent effects on the photophysical and electrochemical properties of fluorescent 3,5-diaryl-substituted 1-phenyl-2-pyrazolines.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 269, 120768	4.4	1
16	Formation of a penta- or hexacoordinated Cu(II) semicarbazone complex: Revisiting semicarbazone metal complexes. *Journal of Molecular Structure*, **2021**, 1231, 129942	3.4	1
15	Synthesis of Highly Functionalized 4-Amino-2-(trifluoromethyl)-1H-pyrroles. *Synthesis*, **2021**, 53, 2841-2849	2.9	1
14	Mechanical bonding activation in rotaxane-based organocatalysts. *Organic Chemistry Frontiers*, **2021**, 8, 4202-4210	5.2	1
13	Trifluoromethyl-substituted aryldiazenyl-pyrazolo[1,5-a]pyrimidin-2-amines: Regioselective synthesis, structure, and optical properties. *Journal of Fluorine Chemistry*, **2022**, 255-256, 109967	2.1	1
12	Hybridized 4-Trifluoromethyl-(1,2,3-Triazol-1-yl)quinoline System: Synthesis, Photophysics, Selective DNA/HSA Bio-Interactions and Molecular Docking. *ChemBioChem*, **2021**,	3.8	1
11	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.. *RSC Advances*, **2019**, 9, 28195-28198	3.7	0
10	An Efficient Two-Step Synthesis of New 5-Substituted-1H-tetrazoles of Biological Interest. *Journal of Heterocyclic Chemistry*, **2013**, 50, 868-873	1.9	0
9	Fluorinated N-quinoxaline-based boron complexes: Synthesis, photophysical properties, and selective DNA/BSA biointeraction. *Journal of Molecular Structure*, **2022**, 1255, 132444	3.4	0
8	Packing and Conformational Polymorphism in 1,2-Bis(aminocarbonyl(1-tert-butyl-1H-pyrazol-(3)5-yl))ethanes: Illuminating Examples of Highly Flexible Molecules. *Crystal Growth and Design*, **2021**, 21, 4690-4706	3.5	0
7	Solution and Solid-State Optical Properties of Trifluoromethylated 5-(Alkyl/aryl/heteroaryl)-2-methyl-pyrazolo[1,5-a]pyrimidine System. *Photochem*, **2022**, 2, 345-357		0
6	New, simple, and efficient method for the synthesis of N-substituted 4-trifluoromethyl-5-(alkan-1-ol)-pyridin-2(1H)-imines. *Tetrahedron Letters*, **2017**, 58, 4057-4061	2	
5	2-(4,5-Dihydro-1,3-oxazol-2-yl)quinoline. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 64, o154		
4	13C NMR Chemical Shifts of β-Alkoxyvinyl Ketones: III?-Empirical Substituent Effects in 1-Alkylamino-6-Ethoxy-1,5-Hexadien-3,4-Diones and 1,6-bis(Alkylamino)-1,5-Hexadien-3,4-diones. *Spectroscopy Letters*, **1995**, 28, 1021-1031	1.1	
3	13C NMR Chemical Shift of β-Alkoxyvinylketones: II. Empirical Substituent Effects in β-Aryl-β-Methoxyvinyltrihalomethylketones. *Spectroscopy Letters*, **1995**, 28, 459-471	1.1	
2	13C NMR Chemical Shifts Substituent Effects of (E)- and (Z)-N-ethyl-N-Methylamides. *Spectroscopy Letters*, **1992**, 25, 1207-1220	1.1	
1	Reactivity of trifluoromethyl-tetrazolo[1,5-a]pyrimidines in click chemistry and hydrogenation. *Journal of Fluorine Chemistry*, **2022**, 257-258, 109973	2.1	