Domenico Spinelli

List of Publications by Year
in descending order

156 papers	2,869 citations	186265 28 h-index	276875 41 g-index
163 all docs	163 docs citations	163 times ranked	1527 citing authors

#	Article	IF	Citations
1	Mononuclear Heterocyclic Rearrangements. Advances in Heterocyclic Chemistry, 1981, 29, 141-169.	1.7	118
2	Study of Aromatic Nucleophilic Substitution with Amines on Nitrothiophenes in Room-Temperature Ionic Liquids:â€‰ Are the Different Effects on the Behavior of para-Like and ortho-Like Isomers on Going from Conventional Solvents to Room-Temperature Ionic Liquids Related to Solvation Effects?. Journal of Organic Chemistry, 2006, 71, 5144-5150.	3.2	88
3	Fluorinated Heterocyclic Compounds. An Expedient Route to 5-Perfluoroalkyl-1,2,4-triazoles via an Unusual Hydrazinolysis of 5-Perfluoroalkyl-1,2,4-oxadiazoles:Â First Examples of an ANRORC-Like Reaction in 1,2,4-Oxadiazole Derivatives. Journal of Organic Chemistry, 2003, 68, 605-608.	3.2	80
4	Fluorinated Heterocyclic Compounds. An Effective Strategy for the Synthesis of FluorinatedZ-Oximes of 3-Perfluoroalkyl-6-phenyl-2H-1,2,4-triazin- 5-ones via a Ring-Enlargement Reaction of 3-Benzoyl-5-perfluoroalkyl-1,2,4-oxadiazoles and Hydrazine. Journal of Organic Chemistry, 2005, 70, 3288-3291.	3.2	74
5	Amine basicities in benzene and in water. Journal of the Chemical Society Perkin Transactions II, 1985, , 1865.	0.9	72
6	Calcium Channel Antagonists Discovered by a Multidisciplinary Approach. Journal of Medicinal Chemistry, 2006, 49, 5206-5216.	6.4	61
7	Room Temperature Ionic Liquids Structure and its Effect on the Mononuclear Rearrangement of Heterocycles:Â An Approach Using Thermodynamic Parameters. Journal of Organic Chemistry, 2006, 71, 9637-9642.	3.2	58
8	On the characterization of some [bmim][X]/co-solvent binary mixtures: a multidisciplinary approach by using kinetic, spectrophotometric and conductometric investigations. Tetrahedron, 2008, 64, 672-680.	1.9	56
9	Five-to-Six Membered Ring-Rearrangements in the Reaction of 5-Perfluoroalkyl-1,2,4-oxadiazoles with Hydrazine and Methylhydrazine. Journal of Organic Chemistry, 2006, 71, 8106-8113.	3.2	55
10	Can the Absence of Solvation of Neutral Reagents by Ionic Liquids Be Responsible for the High Reactivity in Base-Assisted Intramolecular Nucleophilic Substitutions in These Solvents?. Journal of Organic Chemistry, 2005, 70, 2828-2831.	3.2	53
11	Convergent Results from Experimental and Theoretical DFT Studies of the Intramolecular Rearrangement of Z-Hydrazones of 3-Acyl-1,2,4-Oxadiazoles. Journal of Physical Chemistry A, 2004, 108, 1731-1740.	2.5	46
12	The First Kinetic Evidence for Acid Catalysis in a Monocyclic Rearrangement of Heterocycles:â€‰ Conversion of the Z-Phenylhydrazone of 5-Amino-3-benzoyl-1,2,4-oxadiazole into N,5-Diphenyl-2H-1,2,3-triazol-4-ylurea. Journal of Organic Chemistry, 2002, 67, 8010-8018.	3.2	41
13	Flexible Protocol for the Chemo- and Regioselective Building of Pyrroles and Pyrazoles by Reactions of Danishefskyâ€™s Dienes with 1,2-Diaza-1,3-butadienes. Organic Letters, 2008, 10, 1983-1986.	4.6	41
14	Fluorinated Heterocyclic Compoundsâ˜† The First Example of an Irreversible Ring-Degenerate Rearrangement on Five-Membered Heterocycles by Attack of an External Bidentate Nucleophile. European Journal of Organic Chemistry, 2004, 2004, 974-980.	2.4	40
15	Ring opening of 2-substituted 4-nitrothiophenes with pyrrolidine. Access to new functionalized nitro-unsaturated building blocks. Tetrahedron, 2001, 57, 8159-8165.	1.9	38
16	On the Rearrangement in Dioxane/Water of (Z)-Arylhydrazones of 5-Amino-3-benzoyl-1,2,4-oxadiazole into (2-Aryl-5-phenyl-2H-1,2,3-triazol-4-yl)ureas:Â Substituent Effects on the Different Reaction Pathways. Journal of Organic Chemistry, 2006, 71, 5616-5624.	3.2	38
17	Mononuclear heterocyclic rearrangement. Note I. Kinetic study of the rearrangement of the phenylhydrazone of 3-benzoyl-5-phenyl-1,2,4-oxadiazole into 2,5-diphenyl-4-benzoylamino-1,2,3-triazole. Journal of Heterocyclic Chemistry, 1976, 13, 357-360.	2.6	37
18	Carbon-13 NMR study on the nature of resonance interactions in 4-substituted benzonitriles, acetophenones, and methyl benzoates. Journal of Organic Chemistry, 1988, 53, 3564-3568.	3.2	37

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19	A New Class of Selective Myocardial Calcium Channel Modulators. 2. Role of the Acetal Chain in Oxadiazol-3-one Derivatives. Journal of Medicinal Chemistry, 2005, 48, 2445-2456.	6.4	37
20	Cardiovascular Characterization of [1,4]Thiazino[3,4-c][1,2,4]oxadiazol-1-one Derivatives:Â Selective Myocardial Calcium Channel Modulators. Journal of Medicinal Chemistry, 2002, 45, 3475-3481.	6.4	35
21	Inhibition of MDR1 activity and induction of apoptosis by analogues of nifedipine and diltiazem: an in vitro analysis. Investigational New Drugs, 2011, 29, 98-109.	2.6	35
22	Improved Synthesis of Pyrroles and Indolesvia Lewis Acid-Catalyzed Mukaiyamaâ€“Michael-Type Addition/Heterocyclization of Enolsilyl Derivatives on 1,2-Diaza-1,3-Butadienes. Role of the Catalyst in the Reaction Mechanism. Advanced Synthesis and Catalysis, 2007, 349, 907-915.	4.3	33
23	On the Synthesis and Reactivity of theZ-2,4-Dinitrophenylhydrazone of 5-Amino-3-benzoyl-1,2,4-oxadiazole. Journal of Organic Chemistry, 2001, 66, 6124-6129.	3.2	32
24	Inhibition of MDR1 Activity in Vitro by a Novel Class of Diltiazem Analogues: Toward New Candidates. Journal of Medicinal Chemistry, 2009, 52, 259-266.	6.4	32
25	Nitrobutadienes from ÃŸ-nitrothiophenes: valuable building-blocks in the overall ring-opening / ring-closure protocol to homo- or hetero-cycles. Arkivoc, 2006, 2006, 169-185.	0.5	32
26	Mononuclear isoheterocyclic rearrangements. Note I. Interconversion of 3â€benzoylaminoâ€5â€methylâ€1,2,4â€oxadiazole and 3â€acetylaminoâ€5â€phenylâ€1,2,4â€oxadiazole. Journal of Heterocyclic Chemistry, 1975, 12, 985-988.	2.6	30
27	L-Type Calcium Channel Blockers: From Diltiazem to 1,2,4-Oxadiazol-5-ones via Thiazinooxadiazol-3-one Derivatives. Journal of Medicinal Chemistry, 2009, 52, 2352-2362.	6.4	29
28	Synthesis and structure of condensed triazolo- and tetrazolopyrimidines. Tetrahedron, 2013, 69, 10637-10643.	1.9	28
29	Hostâ^'Guest Interactions between Î²-Cyclodextrin and the (Z)-Phenylhydrazone of 3-Benzoyl-5-phenyl-1,2,4-oxadiazole:Â The First Kinetic Study of a Ringâ^'Ring Interconversion in a â€œConfined Environmentâ€. Journal of Organic Chemistry, 2002, 67, 2948-2953.	3.2	27
30	Discovery of Novel and Cardioselective Diltiazem-like Calcium Channel Blockers via Virtual Screening. Journal of Medicinal Chemistry, 2008, 51, 5552-5565.	6.4	27
31	Oxidative Nucleophilic Substitution of Hydrogen versus Ring-Opening in the Reaction of 4-R-2-Nitrothiophenes with Amines. The Crucial Effect of 4-Alkyl Groups. Journal of Organic Chemistry, 2007, 72, 5771-5777.	3.2	26
32	Linear free energy ortho-correlations in the thiophen series. Part I. The kinetics of piperidinodebromination of some 2-bromo-3-X-5-nitrothiophens in methanol. Journal of the Chemical Society Perkin Transactions II, 1975, , 620.	0.9	25
33	Mononuclear heterocyclic rearrangements. Part 2. Substituent effects on the rate of rearrangement of some arylhydrazones of 3-benzoyl-5-phenyl-1,2,4-oxadiazole into 2-aryl-4-benzoylamino-5-phenyl-1,2,3-triazole, at pS + 3.80. Journal of the Chemical Society Perkin Transactions II, 1978, , 19.	0.9	25
34	On the chemical, NMR and kinetic properties of 2-azido- and 3-azidothiophene: recent developments. Journal of the Chemical Society Perkin Transactions II, 1993, , 1129.	0.9	25
35	Catalysis in aromatic nucleophilic substitution. Note II. Piperidino substitution reactions of some 2â€lâ€3â€nitrothiophenes and 2â€lâ€5â€nitrothiophenes in methanol and benzene. Journal of Heterocyclic Chemistry, 1977, 14, 1325-1329.	2.6	24
36	Mononuclear heterocyclic rearrangements. Part 4 Synthesis and characterization of the Eâ€isomer phenylhydrazone of 3â€benzoylâ€5â€phenylâ€1,2,4â€oxadiazole. Journal of Heterocyclic Chemistry, 1980, 17, 401-402.	2.6	24

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37	The thermally degenerate mononuclear rearrangement of 3â€acetylaminoâ€5â€methylâ€1,2,4â€oxadiazole. Journal of Heterocyclic Chemistry, 1975, 12, 1327-1328.	2.6	23
38	Site of Protonation of Alkyl- and Arylhydrazines Probed by14N,15N, and13C NMR Relaxation and Quantum Chemical Calculations. Journal of Physical Chemistry A, 1998, 102, 2888-2892.	2.5	23
39	On the reaction between 3-bromo-2-nitrobenzo[b]thiophene and some amines: a novel aromatic nucleophilic substitution with rearrangement. Journal of the Chemical Society Perkin Transactions 1, 1995, , 1243.	0.9	22
40	Easy access to 4-nitrothiochroman S,S-dioxides via ring-enlargement from 3-nitrobenzo[b]thiophene. Tetrahedron, 2004, 60, 4967-4973.	1.9	22
41	On the Dichotomic Behavior of the Z-2,4-Dinitrophenylhydrazone of 5-Amino-3-benzoyl-1,2,4-oxadiazole with Acids in Toluene and in Dioxane/Water:â€‰ Rearrangement versus Hydrolysis. Journal of Organic Chemistry, 2004, 69, 8718-8722.	3.2	22
42	On the application of the extended Fujitaâ€“Nishioka equation to polysubstituted systems. A kinetic study of the rearrangement of several poly-substituted Z-arylhydrazones of 3-benzoyl-5-phenyl-1,2,4-oxadiazole into 2-aryl-4-benzoylamino-5-phenyl-1,2,3-triazoles in dioxane/water. Tetrahedron, 2005, 61, 167-178.	1.9	22
43	Effects of Nonionic Micelles on the Rate of Mononuclear Heterocyclic Rearrangement of (Z)-Phenylhydrazones of 5-Substituted 3-Benzoyl-1,2,4-oxadiazoles. Journal of Colloid and Interface Science, 2001, 239, 217-221.	9.4	20
44	Supramolecular Complex Formation: A Study of the Interactions betweenÎ²-Cyclodextrin and Some Different Classes of Organic Compounds by ESI-MS, Surface Tension Measurements, and UV/Vis and1H NMR Spectroscopy. European Journal of Organic Chemistry, 2003, 2003, 4765-4776.	2.4	20
45	NMR study of the behaviour of some methoxynitrothiophenes toward sodium methoxide. Journal of Heterocyclic Chemistry, 1970, 7, 1441-1442.	2.6	19
46	Photochemical isomerization of aryl hydrazones of 1,2,4-oxadiazole derivatives into the corresponding triazoles. Photochemical and Photobiological Sciences, 2012, 11, 1383.	2.9	19
47	On the nature of resonance interactions in substituted benzenes. Part 3. A 13C nuclear magnetic resonance study of substituent effects in 4-substituted benzamides and methyl benzoates in dimethyl sulphoxide. Journal of the Chemical Society Perkin Transactions II, 1990, , 2055.	0.9	18
48	Studies on azole-to-azole interconversions. Substituent effects on the ring-degenerate equilibration between 3-aroylamino-5-methyl-1,2,4-oxadiazoles and 3-acetylamino-5-aryl-1,2,4-oxadiazoles. Tetrahedron, 1995, 51, 5133-5142.	1.9	18
49	Differential substituent effects in 4-X-acetophenones and 4-X-2,6-dimethylacetophenones: basicity constants (pK BH+) and 17O chemical shifts. Journal of the Chemical Society Perkin Transactions II, 1995, , 1021.	0.9	18
50	An Analysis of 1H, 13C and 15N NMR Substituent Chemical Shifts in para- and meta-Substituted (Z)-Phenylhydrazones of 3-Benzoyl-5-phenyl-1,2,4-oxadiazole. European Journal of Organic Chemistry, 2002, 2002, 203-208.	2.4	18
51	Mononuclear rearrangement of heterocycles in ionic liquids catalyzed by copper(II) salts. Tetrahedron, 2008, 64, 11209-11217.	1.9	18
52	A new route to thiopyran S,S-dioxide derivatives via an overall ring-enlargement protocol from 3-nitrothiophene. Tetrahedron, 2009, 65, 336-343.	1.9	18
53	On the use of multi-parameter free energy relationships: the rearrangement of (Z)-arylhydrazones of 5-amino-3-benzoyl-1,2,4-oxadiazole into (2-aryl-5-phenyl-2H-1,2,3-triazol-4-yl)ureas. Tetrahedron, 2010, 66, 5442-5450.	1.9	18
54	Synthesis, Antitumor Activity, and Docking Analysis of New Pyrido[3â€™,2â€™:4,5]furo(thieno)[3,2-d]pyrimidin-8-amines. Molecules, 2019, 24, 3952.	3.8	18

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55	Nucleophilic substitutions in five-membered rings. Primary steric effects in thiophen derivatives. Journal of the Chemical Society Perkin Transactions II, 1975, , 816.	0.9	17
56	Mononuclear heterocyclic rearrangements. Part 7. Evidence for general base catalysis in the rearrangement of the Z-phenylhydrazone of 3-benzoyl-5-phenyl-1,2,4-oxadiazole into 2,5-diphenyl-4-benzoylamino-1,2,3-triazole in dioxanâ€“water. Journal of the Chemical Society Perkin Transactions II, 1981, , 1325-1328.	0.9	17
57	Mononuclear heterocyclic rearrangements. Part 11. Kinetic study of the rearrangement of (Z)-phenylhydrazones of some 5-alkyl-3-benzoyl-1,2,4-oxadiazoles into 4-acylamino-2,5-diphenyl-1,2,3-triazoles in benzene, dioxaneâ€“water, and acetonitrile. Journal of the Chemical Society Perkin Transactions II, 1984, , 541-545.	0.9	17
58	Mononuclear heterocyclic rearrangements. Part 14. Rearrangement of some Z-arylhydrazones of 3-benzoyl-5-phenylisoxazole to 2-aryl-4-phenacyl-1,2,3-triazoles in dioxaneâ€“water. Journal of the Chemical Society Perkin Transactions II, 1987, , 537-540.	0.9	17
59	A new ring transformation: conversion of 6-p-chlorophenyl-3-methyl-5-nitrosoimidazo[2,1-b]thiazole into 8-p-chlorophenyl-8-hydroxy-5-methyl-3-oxo-1,2,4-oxadiazolo[3,4-c][1,4-]thiazine by the action of mineral acids. Journal of the Chemical Society Chemical Communications, 1992, , 1394.	2.0	17
60	Selective and Practical Oxidation of Sulfides to Diastereopure Sulfoxides: A Combined Experimental and Computational Investigation. Advanced Synthesis and Catalysis, 2013, 355, 191-202.	4.3	17
61	New heterocyclic systems derived from pyridine: new substrates forÂthe investigation of the azide/tetrazole equilibrium. Tetrahedron, 2014, 70, 8648-8656.	1.9	17
62	Mononuclear heterocyclic rearrangements. Part 9. A kinetic study of the rearrangement of the Z-phenylhydrazone of 3-benzoyl-5-phenyl-1,2,4-oxadiazole into 4-benzoylamino-2,5-diphenyl-1,2,3-triazole in methanol, dioxan, ethyl acetate, and acetonitrile. Journal of the Chemical Society Perkin Transactions II, 1983, , 1199.	0.9	16
63	Mononuclear heterocyclic rearrangements. Part 10. Kinetic study of the amine-catalysed rearrangement of the Z-p-nitrophenylhydrazone of 3-benzoyl-5-phenyl-1,2,4-oxadiazole into 4-benzoylamino-2-p-nitrophenyl-5-phenyl-1,2,3-triazole in benzene. Journal of the Chemical Society Perkin Transactions II, 1983, , 1203.	0.9	16
64	ABCB1 Structural Models, Molecular Docking, and Synthesis of New Oxadiazolothiazin-3-one Inhibitors. ACS Medicinal Chemistry Letters, 2013, 4, 694-698.	2.8	16
65	The behaviour of 2â€nitrothiophene and of 3â€nitrothiophene with some nucleophiles. Journal of Heterocyclic Chemistry, 1975, 12, 327-331.	2.6	15
66	Ring-ring interconversions. Part 2. Effect of the substituent on the rearrangement of 6-aryl-3-methyl-5-nitrosoimidazo[2,1-b][1,3]thiazoles into 8-aryl-8-hydroxy-5-methyl-8H-[1,4]thiazino[3,4-c][1,2,4]oxadiazol-3-ones. A novel class of potential antitumor agents. Tetrahedron, 1999, 55, 5433-5440.	1.9	15
67	On the reactivity of 3-bromo-2-nitrobenzo[b]thiophene with nucleophiles: elucidation of the base-catalysed mechanism with rearrangement. Tetrahedron, 2001, 57, 8903-8911.	1.9	15
68	On the reactivity of some 2-methyleneindolines with Î²-nitroenamines, Î±-nitroalkenes, and 1,2-diaza-1,3-butadienes. Tetrahedron, 2006, 62, 6420-6434.	1.9	15
69	Mononuclear rearrangements of heterocycles in water/Î²-CD: information on the real site of reaction from structural modifications of substrates and from proton concentration dependence of the reactivity. Tetrahedron, 2007, 63, 10260-10268.	1.9	15
70	Acid- and Base-Catalysis in the Mononuclear Rearrangement of Some (Z)-Arylhydrazones of 5-Amino-3-benzoyl-1,2,4-oxadiazole in Toluene: Effect of Substituents on the Course of Reaction. Journal of Organic Chemistry, 2011, 76, 2672-2679.	3.2	15
71	Mononuclear heterocyclic rearrangements 5. Kinetic Investigation of the behaviour of (e)â€and (z)â€phenylhydrazones of 3â€benzoylâ€5â€phenylâ€1,2,4â€oxadiazole in benzene. Isomerization and rearrangement. Journal of Heterocyclic Chemistry, 1980, 17, 861-864.	2.6	14
72	Mononuclear heterocyclic rearrangement. Part 6 . Studies on base catalysis of the rearrangement of the (Z)â€pâ€nitrophenylhydrazone of 3â€benzoylâ€5â€phenylâ€1,2,4â€oxadiazole in benzene: Effect of piperidine, triethylamine and of some secondary amines. Journal of Heterocyclic Chemistry, 1981, 18, 723-725.	2.6	14

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73	Mononuclear heterocyclic rearrangements. Part 13. Substituent effects on the rearrangement of some Z-arylhydrazones of 3-benzoyl-5-phenyl-1,2,4-oxadiazole to 2-aryl-4-benzoylamino-5-phenyl-1,2,3-triazoles in benzene, dioxane, ethyl acetate, acetonitrile, and methanol. Journal of the Chemical Society Perkin Transactions II, 1986, , 1183.	0.9	14
74	On the Reaction of 3-Bromo-2-nitrobenzo[b]thiophene 13C-Labeled at C-2 with 3-(Trifluoromethyl)aniline:â€‰ A Preliminary Insight into a Nucleophilic Substitution with Rearrangement. Journal of Organic Chemistry, 1997, 62, 4921-4923.	3.2	14
75	Mononuclear heterocyclic rearrangements. Part 16. Kinetic study of the rearrangement of some ortho-substituted Z-phenylhydrazones of 3-benzoyl-5-phenyl-1,2,4-oxadiazole into 2-aryl-4-benzoylamino-5-phenyl-1,2,3-triazoles in dioxane-water and in benzene. Tetrahedron, 1999, 55, 12885-12896.	1.9	14
76	Influence of nitroreductase and O-acetyltransferase on the mutagenicity of substituted nitrobenzothiophenamines in Salmonella typhimurium. Chemico-Biological Interactions, 1999, 118, 99-111.	4.0	14
77	On the reaction of 3-bromo-2-nitrobenzo[b]thiophene with some ortho-substituted anilines: an analysis of the products of reaction and of their NMR and MS properties. Tetrahedron, 2003, 59, 7189-7201.	1.9	14
78	On the reactivity of pyrido[3â€²,2â€²:4,5]furo(thieno)[3,2-d]pyrimidin-7(8)-ones with some alkyl mono- and di-halides: synthesis of new heterocyclic systems containing thiazolo[3,2-a]pyrimidine and pyrimido[2,1-b]thiazine moiety. Tetrahedron, 2015, 71, 7638-7646.	1.9	14
79	Heterocyclic Rearrangements. A Semiempirical Study of a Degenerate Rearrangement in the 1,2,4-Oxadiazole Series. Heterocycles, 1991, 32, 1547.	0.7	14
80	Electron reduction processes of nitrothiophenes. A systematic approach by DFT computations, cyclic voltammetry and E-ESR spectroscopy. Organic and Biomolecular Chemistry, 2012, 10, 7986.	2.8	13
81	The Boultonâ€“Katritzky Reaction: A Kinetic Study of the Effect of 5â€Nitrogen Substituents on the Rearrangement of Some (Z)â€Phenylhydrazones of 3â€Benzoylâ€1,2,4â€oxadiazoles. European Journal of Organic Chemistry, 2014, 2014, 7006-7014.	2.4	13
82	Pyridofuropyrrolo[1,2-a]pyrimidines and pyridofuropyrimido[1,2-a]azepines: new chemical entities (NCE) with anticonvulsive and psychotropic properties. RSC Advances, 2016, 6, 49028-49038.	3.6	13
83	The azide/tetrazole equilibrium: an investigation in the series of furo- and thieno[2,3-e]tetrazolo[3,2-d]pyrimidine derivatives. Tetrahedron, 2016, 72, 1919-1927.	1.9	13
84	Synthesis and antimicrobial activity of new derivatives of pyrano[4'',3'':4',5']pyrido[3',2':4,5]thieno[3,2-d]pyrimidine and new heterocyclic systems. Synthetic Communications, 2019, 49, 1262-1276.	2.1	13
85	A 13C n.m.r. study of 5-cyano-, 5-methoxycarbonyl-, 5-carbamoyl-, and 5-acetyl-3-nitro-2-X-thiophenes: substituent effects and their relation to the charge distribution in corresponding 2,2-dimethoxy Meisenheimer adducts. Journal of the Chemical Society Perkin Transactions II, 1989, , 1779.	0.9	12
86	Copper(II)-catalyzed molecular rearrangements: the behaviour of arylhydrazones of some 3-benzoylazoles in the presence of copper(II) acetate. Journal of the Chemical Society Perkin Transactions 1, 1993, , 2491.	0.9	12
87	Mononuclear heterocyclic rearrangements. Effect of the structure of the side chain on the reactivity. Part 3. Rearrangement of some N-(5-phenyl-1,2,4-oxadiazol-3-yl)-Nâ€²-arylformamidines into 1-aryl-3-benzoylamino-1,2,4-triazoles in acetonitrile in the presence of triethylamine. Tetrahedron, 1994, 50, 7315-7326.	1.9	12
88	Ringâ€“ring interconversion: the rearrangement of 6-(4-chlorophenyl)-3-methyl-5-nitrosoimidazo[2,1-b][1,3]thiazole into 8-(4-chlorophenyl)-8-hydroxy-5-methyl-8H-[1,4]thiazino[3,4-c][1,2,4]oxadiazol-3-one. Elucidation of the reaction product through spectroscopic and X-ray crystal structure analysis. Journal of the Chemical Society Perkin Transactions II, 1997, , 2407-2410.	0.9	12
89	Substituent effect on the redox potential of substituted (aryl)(2-nitrobenzo[b]thiophen-3-yl)amines. Tetrahedron, 2001, 57, 1857-1860.	1.9	12
90	Sensitivity of different resistant tumour cell lines to the two novel compounds (2Z,4E)-2-methylsulfanyl-5-(1-naphthyl)-4-nitro-2,4-pentadienoate and (1E,3E)-1,4-bis(2-naphthyl)-2,3-dinitro-1,3-butadiene. European Journal of Pharmacology, 2008, 588, 47-51.	3.5	12

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91	Synthesis and antimicrobial activity of new amino derivatives of pyrano[4â€™â€™,3â€™â€™:4â€™,5â€™]pyrido[3â€™,2â€™:4,5]thieno[3,2-d]pyrimidine. Anais Da Academia Brasileira De Ciencias, 1990, 62, 1043-1057.	0.9	12
92	Thiophene series. Substituent effect on thiophenoxy debromination of various 2â€•nitroâ€3â€bromoâ€5â€Xâ€thiophenes. Journal of Heterocyclic Chemistry, 1970, 7, 1333-1336.	2.6	11
93	Linear free energy orthoâ€correlations in the thiophene series. Part IX . Kinetics of esterification with diazodiphenylmethane of some 3â€, 4â€, and 5â€substituted thiopheneâ€2â€carboxylic acids in methanol. Journal of Heterocyclic Chemistry, 1981, 18, 735-738.	2.6	11
94	Meisenheimer-type adducts from thiophene derivatives. Part 2. Kinetic, thermodynamic, and 13C n.m.r. studies of substituent effects in the reaction of sodium methoxide with some 2-methoxy-3-nitro-5-X-thiophenes in methanol. Journal of the Chemical Society Perkin Transactions II, 1984, , 317.	0.9	11
95	Mononuclear heterocyclic rearrangements. Effect of the structure of the side chain on the reactivity. Part 1. Rearrangement of some 3-arylureines of 5-pheny-1,2,4-oxadiazole into 1-aryl-3-benzoylamino-1,2,4-triazolin-5-ones in acetonitrile, benzene, and dioxaneâ€“water. Journal of the Chemical Society Perkin Transactions II, 1990, , 1289-1295.	0.9	11
96	Mononuclear heterocyclic rearrangements. Effect of the structure of the side chain on the reactivity. Part 2. Rearrangement of some N-(5-phenyl-1,2,4-oxadiazol-3-yl)-Nâ€²-arylformamidines into 1-aryl-3-benzoylamino-l,2,4-triazoles in dioxaneâ€“water at various pS+. Journal of the Chemical Society Perkin Transactions II, 1993, , 1339-1343.	0.9	11
97	On the behaviour of the (Z)-phenylhydrazones of some 5-alkyl-3-benzoyl-1,2,4-oxadiazoles in solution and in the gas phase: kinetic and spectrometric evidence in favour of self-assembly. Tetrahedron, 2008, 64, 733-740.	1.9	11
98	On the reaction of 2-[(4-cyano-5,6,7,8-tetrahydroisoquinolin-3-yl)oxy]acetamides with bases: 1-amino-6,7,8,9-tetrahydrofuro[2,3-c]isoquinoline-2-carboxamides and 3-amino-4-cyano-5,6,7,8-tetrahydroisoquinolines via a Smiles-type rearrangement. Tetrahedron, 2015, 71, 3263-3272.	1.9	11
99	Mononuclear heterocyclic rearrangements. Part 12. Kinetic study of substituent effects on the rearrangement of the (Z)-phenylhydrazones of some 5-aryl-3-benzoyl-1,2,4-oxidiazoles into 4-aroylamino-2,5-diphenyl-1,2,3-triazoles in dioxaneâ€“water at various pS+values. Journal of the Chemical Society Perkin Transactions II, 1984, , 785-789.	0.9	10
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