

John A Joule

List of Publications by Year in descending order

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198
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1699
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#	ARTICLE	IF	CITATIONS
1	Natural Products Containing Nitrogen Heterocycles—Some Highlights 1990–2015. <i>Advances in Heterocyclic Chemistry</i> , 2016, 119, 81-106.	1.7	81
2	The geometry at nitrogen in N-phenylsulphonyl-pyrroles and -indoles. The geometry of sulphonamides. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1986, , 787.	0.9	80
3	Marine, Nitrogen-containing Heterocyclic Natural Products — Structures and Syntheses of Compounds Containing Indole Units. <i>Heterocycles</i> , 1991, 32, 1391.	0.7	72
4	Synthesis of oxomolybdenum bis(dithiolene) complexes related to the cofactor of the oxomolybdoenzymes—S. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 3985-3996.	1.1	69
5	Recent Advances in the Chemistry of 9H-Carbazoles. <i>Advances in Heterocyclic Chemistry</i> , 1984, 35, 83-198.	1.7	68
6	Indole- $\hat{2}$ -nucleophilic substitution. Part 9 nitrogen nucleophiles. Syntheses of hydroxycryptolepine, cryptolepine, and quindoline. <i>Tetrahedron Letters</i> , 1996, 37, 4283-4286.	1.4	56
7	Synthesis of Pyrrolo[4,3,2-de]quinolines from 6,7-Dimethoxy-4-methylquinoline. Formal Total Syntheses of Damirones A and B, Batzelline C, Isobatzelline C, Discorhabdin C, and Makaluvamines A–D. <i>Journal of Organic Chemistry</i> , 1997, 62, 568-577.	3.2	55
8	Total Syntheses of Variolin B and Deoxyvariolin B1. <i>Journal of Organic Chemistry</i> , 2003, 68, 10020-10029.	3.2	52
9	Marine, Nitrogen-containing Heterocyclic Natural Products. Structures and Syntheses of Compounds Containing Quinoline and/or Isoquinoline Units. <i>Heterocycles</i> , 1991, 32, 759.	0.7	48
10	Synthesis of Polyheterocyclic Nitrogen-Containing Marine Natural Products. <i>Monatshefte für Chemie</i> , 2004, 135, 615-627.	1.8	41
11	Synthesis of deoxyvariolin B. <i>Tetrahedron Letters</i> , 2001, 42, 315-317.	1.4	39
12	Stereoselective Syntheses of d,l- $\hat{1}$ - and $\hat{2}$ -Lycoranes. <i>Journal of the American Chemical Society</i> , 1962, 84, 4951-4956.	13.7	37
13	4-(2,2-dimethyldioxalan-4-yl)-5-(quinoxalin-2-yl)-1,3-dithiol-2-one, a proligand relating to the cofactor of the oxomolybdoenzymes. <i>Tetrahedron</i> , 1998, 54, 3291-3302.	1.9	37
14	Oxo—tungsten bis-dithiolene complexes relevant to tungsten centres in enzymes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 3647-3656.	1.1	37
15	1,3-dipolar cycloadditions to oxidopyraziniums. <i>Tetrahedron Letters</i> , 1987, 28, 2187-2190.	1.4	33
16	A new synthetic route to transition metal complexes of unsymmetrically substituted dithiolenes: evidence for a metalladithiolene ring current. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 800.	2.0	30
17	Stable pyrano[2,3-b]quinoxalines and pyrano[2,3-g]pteridines related to molybdopterin. <i>Chemical Communications</i> , 2001, , 123-124.	4.1	30
18	Synthesis of 6-chloro-1,3,4,5-tetrahydro-7,8-dimethoxy-1-methylpyrrolo[4,3,2-de]quinoline from a quinoline; Formal total syntheses of batzelline C, isobatzelline C, discorhabdin C and makaluvamine D. <i>Tetrahedron Letters</i> , 1996, 37, 1509-1512.	1.4	29

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19	Synthesis of 3-Aryl- and 3-Heteroaryl-7-azaindoles. <i>Synthesis</i> , 1999, 1999, 615-620.	2.3	29
20	Synthesis of Ascididemine and an Isomer. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 849-855.	2.4	28
21	A DFT Study of the [3 + 2] versus [4 + 2] Cycloaddition Reactions of 1,5,6-Trimethylpyrazinium-3-olate with Methyl Methacrylate. <i>Journal of Organic Chemistry</i> , 2013, 78, 1621-1629.	3.2	28
22	Hetero-ring lithiation of N-methyl-4-quinolone and N-methylquinoline-4-thione. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992, , 351.	0.9	27
23	Syntheses of Batzelline A, Batzeline B, Isobatzelline A, and Isobatzelline B. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 1173-1183.	2.4	27
24	A synthesis of (±)-7-methoxycarbonyl-2-(3-methoxyphenylmethylidene)-8-methyl-3,8-diazabicyclo[3.2.1]Octan-4-one (1b) using dipolar cycloaddition to a 3-oxidopyrazinium. <i>Tetrahedron Letters</i> , 1990, 31, 4781-4782.	1.4	26
25	A Novel Application of Ammonium Formate/Palladium on Carbon for Selective Reduction of the Heterocyclic Ring in Quinolines and Isoquinolines. <i>Synthetic Communications</i> , 1990, 20, 2815-2819.	2.1	26
26	The relative stabilities of dihydropterins; a comment on the structure of Moco, the cofactor of the oxomolybdoenzymes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 1529-1534.	0.9	26
27	Synthesis of 1,2-dihydropyrrolo[1,2-c]pyrimidin-1-ones. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 249-256.	0.9	26
28	Promotion of oxygen atom transfer in Mo and W enzymes by bicyclic forms of the pterin cofactor. <i>Chemical Communications</i> , 2005, , 177.	4.1	26
29	Synthesis of (1-5-cyclopentadienyl)-1-(4-benzyloxycarbonyl-3,4-dihydroquinoxalin-2-yl) ethane-1,2-dithiolatocobalt(III) and (1-5-cyclopentadienyl)-1-[2-(N, N) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td (-dimethylammonium)]cobalt(III). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 801-808.	0.9	25
30	Fischer indole synthesis of 3-acyl- and 3-alkoxy-carbonylindoles. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1981, , 636.	0.9	24
31	Convenient Synthesis of 1,8-Diiodoanthracene and Its Coupling with Thianthrene Boronic Acids. <i>Synthetic Communications</i> , 1997, 27, 1209-1215.	2.1	23
32	Design and synthesis of acidic dipeptide hydroxamate inhibitors of procollagenC-proteinase. <i>Journal of Peptide Science</i> , 2000, 6, 489-495.	1.4	23
33	The relative stabilities of 6-membered cyclic allylamine/enamine systems. <i>Tetrahedron</i> , 1978, 34, 3027-3036.	1.9	22
34	Synthesis of Some Pyrrolo[4,3,2-de]quinolines. <i>Journal of Organic Chemistry</i> , 1994, 59, 4571-4575.	3.2	22
35	Cyclic ureas as ortho directing substituents. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 2012-2021.	1.3	22
36	Synthesis of thieno[2,3-b]quinoxalines and pyrrolo[1,2-a]quinoxalines from 2-haloquinoxalines. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 978-984.	1.3	22

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37	The synthesis of 3,3-dimethyl-1-(1-aryl-1H-pyrazol-4-yl)-1H-indoles. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 1591-1595.	2.8	22
38	Copper-induced N=C bond cleavage results in an octanuclear expanded-core grid-like complex. <i>Chemical Communications</i> , 2012, 48, 6229.	4.1	22
39	1,3-Dipolar Cycloadditions to Oxidopyraziniums. <i>Heterocycles</i> , 1995, 40, 331.	0.7	21
40	Indole $\hat{2}$ -nucleophilic substitution. Part 7. $\hat{2}$ -Halogenation of indoles. Attempted intramolecular $\hat{2}$ -nucleophilic substitution of $\hat{1}$ -arylimidoles. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1983, , 2417-2422.	0.9	20
41	Thianthrenes. <i>Advances in Heterocyclic Chemistry</i> , 1990, , 301-393.	1.7	20
42	Synthesis of variolin B. <i>Tetrahedron Letters</i> , 2003, 44, 6191-6194.	1.4	20
43	Understanding the formation of [3+2] and [2+4] cycloadducts in the Lewis acid catalysed reaction between methyl glyoxylate oxime and cyclopentadiene: a theoretical study. <i>RSC Advances</i> , 2013, 3, 447-457.	3.6	20
44	Lithiation of pyridones. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 1021.	2.0	19
45	Synthesis of thieno[2,3-b]quinoxalines from 2-haloquinoxalines. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 154-158.	1.3	19
46	Synthesis of Pyridoacridines. <i>Heterocycles</i> , 1992, 34, 2385.	0.7	19
47	Synthesis of Cyclopentadienyl-ene-1,2-dithiolatocobalt Complexes and Coupled Proton-Electron Transfer in a Substituted Quinoxalinylic Derivatives. <i>Heterocycles</i> , 1993, 35, 563.	0.7	18
48	Synthesis of the pyridine analogues of phthalide. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1981, , 3012.	0.9	17
49	The formation of furoxan-3,4-dicarboxamides from nitroacetamides. <i>Tetrahedron Letters</i> , 1989, 30, 3193-3196.	1.4	17
50	Synthesis of 1,3-dithiol-2-ones as proligands related to molybdopterin. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 129-133.	2.8	17
51	A bis($\hat{5}$ -cyclopentadienyl)cobalt complex of a bis-dithiolene: a chemical analogue of the metal centres of the DMSO reductase family of molybdenum and tungsten enzymes, in particular ferredoxin aldehyde oxidoreductase. <i>Tetrahedron</i> , 2005, 61, 11010-11019.	1.9	17
52	The 1,3-dipolar cycloaddition of 1H-pyridinium-3-olate and 1-methylpyridinium-3-olate with methyl acrylate: a density functional theory study. <i>Tetrahedron</i> , 2010, 66, 9187-9193.	1.9	17
53	A synthesis of aaptamine from 6,7-dimethoxy-1-methylisoquinoline. <i>Tetrahedron Letters</i> , 1990, 31, 569-572.	1.4	16
54	The synthesis of 4-(3,3-dimethyl-3H-pyrrolo[2,3-f]quinolin-2-yl)pyrazoles and 4-(3,3-dimethyl-3H-pyrrolo[3,2-h]quinolin-2-yl)pyrazoles. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 428-431.	2.6	16

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55	Nucleophilic substitutions at an indole $\hat{1}^2$ -position. Journal of the Chemical Society Chemical Communications, 1977, , 432-434.	2.0	15
56	Relative stabilities of 5-membered cyclic allylamine/enamine systems. Tetrahedron, 1981, 37, 3005-3007.	1.9	15
57	Synthesis of some hexahydroazocino[4,3-b]indoles, a tetra- and two hexahydropyrrolo[1 $\hat{2}$,2 $\hat{2}$:1,2]pyrrolo[3,4-b]indoles, and a tetrahydropyrrolo[2 $\hat{2}$,1 $\hat{2}$:5,1]imidazo[3,4-a]indole. Crystal structure determination of 1,2,3,4-tetrahydro-2-phenoxy carbonyl-7-phenylsulphonylazocino[4,3-b]indol-6(5H)-one. Journal of the Chemical Society Perkin Transactions 1, 1987, , 1599-1606.	0.9	15
58	Synthesis of a 1,3,4,5-Tetrahydropyrrolo[4,3,2-de]quinoline. Tetrahedron, 1994, 50, 7879-7888.	1.9	15
59	Synthesis of 4,6-disubstituted thianthrenes; X-ray crystal structures of 4,6-diphenylthianthrene and 1-tetrathiafulvalenylnaphthalene. Tetrahedron, 1996, 52, 4745-4756.	1.9	15
60	Synthesis of isobatzelline B. Tetrahedron Letters, 1998, 39, 679-680.	1.4	15
61	Pyridoacridines in the 21st Century. European Journal of Organic Chemistry, 2019, 2019, 5043-5072.	2.4	15
62	The Reaction of Indolyl Grignard and Related Organometallic Reagents with 2-Phenylsulphonylbuta-1,3-diene and 2,3-Diphenylsulphonylbuta-1,3-diene. Heterocycles, 1994, 37, 175.	0.7	15
63	Indole $\hat{1}^2$ -nucleophilic substitution. Part 2. Formation of a [2]benzoxepino[4,3-b]indole and a pyrido[4 $\hat{2}$,3 $\hat{2}$:5,6]oxepino[3,2-b]indole. Journal of the Chemical Society Perkin Transactions 1, 1981, , 3008-3011.	0.9	14
64	Cyclic allylamine/enamine systems-6. Tetrahedron, 1984, 40, 3339-3343.	1.9	14
65	Chapter 3 Nucleophilic substitution of C-hydrogen on the five-membered ring of indoles. Progress in Heterocyclic Chemistry, 1999, 11, 45-65.	0.5	14
66	Indole $\hat{1}^2$ -nucleophilic substitution. Part 3. Synthesis of four isomeric pyrido[x $\hat{2}$,y $\hat{2}$:5,6]oxepino[3,2-b]indolones. Journal of the Chemical Society Perkin Transactions 1, 1982, , 435-439.	0.9	13
67	A synthesis of aaptamine from 6,7-dimethoxy-1-methylisoquinoline. Journal of the Chemical Society Perkin Transactions 1, 1990, , 3193.	0.9	13
68	Synthesis of a 1,3,4,5-tetrahydropyrrolo[4,3,2-de]quinoline from a Quinoline. Tetrahedron Letters, 1993, 34, 5495-5496.	1.4	13
69	Synthesis of 1,2,3,4,5,7-Hexahydro-6H-azocino[4,3-b]indol-6-ones as Intermediates for the Synthesis of Apparicine. Heterocycles, 2010, 82, 349.	0.7	13
70	Spiro[4<i>H</i>]pyran $\hat{3}$,3 $\hat{2}$ oxindoles] Derived from 1,2,3,4-tetrahydroquinoline. Journal of Heterocyclic Chemistry, 2015, 52, 1208-1211.	2.6	13
71	Spiro[4<i>H</i>]pyran $\hat{3}$,3 $\hat{2}$ oxindoles] Derived from 1,2,3,4-tetrahydroquinoline $\hat{2}$ Part 2. Journal of Heterocyclic Chemistry, 2017, 54, 944-951.	2.6	13
72	Efficient syntheses of \hat{e} -ellipticine quinone \hat{t} and the other three isomeric 5H-pyrido[x,y-b]carbazole-5,11(6H)-diones. Journal of the Chemical Society Chemical Communications, 1981, .	2.0	12

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73	Model studies related to the cofactor of the oxomolybdoenzymes Part 5.1 Synthesis of 6-alkenyl- and 6-alkynylpterins. <i>Tetrahedron Letters</i> , 1992, 33, 3371-3374.	1.4	12
74	Preparation of New Pyridoacridine Derivatives and Formal Synthesis of 11-Hydroxyascididemine. <i>Tetrahedron</i> , 2000, 56, 3703-3708.	1.9	12
75	Thiophenes from Viktor Meyer to Poly(Thiophene) Some Reactions and Synthesis. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 287-316.	1.6	12
76	Spiro[3,3]heptane-pyrazole-coxindoles] Derived from 1,2,3,4-tetrahydroquinoline. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 147-150.	2.6	12
77	The preparation of 1-aryl- and 1-heteroaryl-alkene-1,2-dithiolates. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1985, , 1907.	0.9	11
78	An improved annelation method with methyl 2-(1,3-dithian-2-yl)benzoate as a bidentate synthon. <i>Tetrahedron Letters</i> , 1992, 33, 3679-3682.	1.4	11
79	Synthesis of two pyranoquinolinones. What is the structure of cherimoline ?. <i>Tetrahedron</i> , 1998, 54, 4405-4412.	1.9	11
80	4-(2,2-Dimethyldioxalan-4-yl)-5-(pterin-6-yl)-1,3-dithiol-2-ones proligands relating to the cofactor of the oxomolybdoenzymes. <i>Tetrahedron</i> , 1998, 54, 9559-9568.	1.9	11
81	Lithiation of 1-arylimidazol-2(1H)-ones and 1-aryl-4,5-dihydroimidazol-2(1H)-ones. <i>Canadian Journal of Chemistry</i> , 2004, 82, 1649-1661.	1.1	11
82	The reaction of nitroacetamides with thionation reagents synthesis of mono- and dithio- oxalic acid diamides. <i>Tetrahedron Letters</i> , 1989, 30, 3189-3192.	1.4	10
83	Model studies related to the cofactor of oxomolybdoenzymes. Part 3. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1989, , 2317.	0.9	10
84	Reactions of 1-methyl-4-quinolone with 2-lithio-1,3-dithianes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992, , 1223.	0.9	10
85	Synthesis of damirones A and B from a quinoline. <i>Tetrahedron Letters</i> , 1994, 35, 7857-7860.	1.4	10
86	Conversion of a 4-quinolone into a 1,6-diazaphenalene. <i>Tetrahedron</i> , 1997, 53, 4511-4520.	1.9	10
87	Transformation of a hydroxyl into an acyl group on the pyrone ring: a novel route to 3,4-diacylcoumarins. <i>Tetrahedron</i> , 2012, 68, 761-766.	1.9	10
88	Indole $\hat{2}$ -nucleophilic substitution. Part 5. Synthesis of the four isomeric 5H-pyrido [x,y-b] carbazole-5,11-diones and benzo analogues. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1983, , 2409-2412.	0.9	9
89	Synthesis of Some Quinones of Relevance to a Synthetic Approach to Amphimedine. Crystal Structure Determination of 1-Methylpyrido[4,3-g]quinoline-4,5,10-trione 5-N,N-Diisopropylhydrazone. <i>Heterocycles</i> , 1990, 30, 1121.	0.7	9
90	Synthesis of benz[b]acridine-6,11,12-triones. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 917-919.	0.9	9

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91	The role of tetrahydrobiopterin in catalysis by nitric oxide synthase. <i>Chemical Communications</i> , 2006, , 3525.	4.1	9
92	1,3-Dipolar cycloaddition of 1H-pyrazinium-3-olate and N1- and C-methyl substituted pyrazinium-3-olates with methyl acrylate: a density functional theory study. <i>Tetrahedron</i> , 2011, 67, 8383-8391.	1.9	9
93	Synthesis of novel dehydroacetic acid N -aroylhydrazone-derived boron heterocycles. <i>Tetrahedron</i> , 2015, 71, 7245-7249.	1.9	9
94	Hexahydrospiro[pyrazolo[3,4-b]pyridine-4,1-pyrrolo[3,2,1-ij]quinolines Derived from 5,6-dihydro-4H-pyrrolo[3,2,1-ij]quinoline-1,2-dione. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 1176-1182.	1.8	9
95	Short, flexible synthesis of ellipticine. <i>Journal of the Chemical Society Chemical Communications</i> , 1979, , 642.	2.0	8
96	A synthetic approach to benzo[1,2-b:4,3-b']dipyrroles from isoquinolines. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 1406-1407.	2.0	8
97	Synthesis of pyrido[2,3-b]acridine-5,11,12-triones. <i>Tetrahedron</i> , 1997, 53, 341-356.	1.9	8
98	Synthesis of Novel Octahedral Silicon Compounds; Synthesis of Bis[3-(1-{aryl(hydroxy)methylene}hydrazinylidene)ethyl]-6-methyl-2-oxo-2H-pyran-4-olato-N,O,O']silicon(IV). <i>Synthesis</i> , 2013, 45, 2150-2154.	2.3	8
99	The 1,3-Dipolar Cycloaddition of Methyl Acrylate to Hindered 3-Oxidopyraziniums. <i>Heterocycles</i> , 2006, 70, 87.	0.7	8
100	Synthesis of 4-acyl- and 4-alkoxy-carbonylpyrazoles. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1981, , 642.	0.9	7
101	Synthesis of 1-(quinoxalin-2-yl) -alkane-1,2-dithiols and -alkene-1,2-dithiols of relevance to the molybdoenzymes cofactor, Moco. <i>Tetrahedron Letters</i> , 1988, 29, 1453-1456.	1.4	7
102	Model Studies Related to the Cofactor of the Oxomolybdoenzymes; Part 6:1An Improved Synthesis of 6-Substituted Pterins from 2,4,5-Triamino-6-hydroxypyrimidine and D-Glucose. <i>Synlett</i> , 1992, 1992, 711-712.	1.8	7
103	Formylation of an indolenine: 2-(diformylmethylidene)-3,3-dimethyl-2,3-dihydro-1H-indole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o737-o738.	0.2	7
104	Regio- and Stereoselectivity of the 1,3-Dipolar Cycloaddition of Pyridinium-3-olates and Pyrazinium-3-olates with Methyl Methacrylate: A Density Functional Theory Exploration. <i>Current Organic Chemistry</i> , 2012, 16, 1711-1722.	1.6	7
105	Computational Assessment of 1,3-Dipolar Cycloaddition of Nitrile Oxides with Ethene and [60]Fullerene. <i>Heterocycles</i> , 2012, 84, 719.	0.7	7
106	3-Oxidopyraziniums " [4+2] versus [3+2] cycloadditions. <i>Arkivoc</i> , 2008, 2007, 51-57.	0.5	7
107	Synthesis of 5-arylpyrrolo[1,2-c]pyrimidin-1(2H)-ones. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 471-475.	1.3	6
108	Spiro[4H-2,3-dihydropyran-3,3-oxindoles] derived from 1,2,3,4-tetrahydroquinoline. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 226-239.	2.6	6

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109	Synthesis of 5-hydroxy-2, 6-dimethyl-6H-pyrido[4,3-b]carbazole. Journal of the Chemical Society Chemical Communications, 1976, , 818.	2.0	5
110	The synthesis of 2,3,4,6-tetrahydro-5-hydroxy-2,6-dimethyl-1H-pyrido[4,3-b]carbazole; attempts to synthesise 2,3,4,10-tetrahydro-5-hydroxy-2-methyl-1H-pyrido[3,4-b]carbazole. Journal of the Chemical Society Perkin Transactions 1, 1979, , 3155.	0.9	5
111	The reaction of cyclohexanone azine with cyanoacetic acidâ€acetic anhydride. Journal of Heterocyclic Chemistry, 2008, 45, 1513-1516.	2.6	5
112	Antibacterial, Antioxidant and Binding Studies of Some Novel Diaryl Sulphide Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 1383-1400.	1.6	5
113	A density functional theory study of the regio- and stereoselectivity of the 1,3-dipolar cycloaddition of C-methyl substituted pyrazinium-3-olates with methyl acrylate and methyl methacrylate. Computational and Theoretical Chemistry, 2013, 1025, 58-66.	2.5	5
114	Spiro[4<i>H</i>â€pyranâ€3,3â€oxindoles] Derived from 9,10â€dihydroacridine. Journal of Heterocyclic Chemistry, 2017, 54, 2223-2227.	2.6	5
115	Spiro[pyrido[3,2,1â€<i>j</i>]pyrimido[4,5â€<i>b</i>]quinolineâ€7,5â€pyrrolo[2,3â€<i>d</i>]pyrimidines] and Spiro[pyrimido[4,5â€<i>b</i>]quinolineâ€5,1â€pyrrolo[3,2,1â€<i>j</i>]quinolines] Derived from 5,6â€dihydroâ€4<i>H</i>â€pyrrolo[3,2,1â€<i>j</i>]quinolineâ€1,2â€dione. Journal of Heterocyclic Chemistry, 2018, 55, 91-96.	2.6	5
116	Synthesis of novel spiroâ€fused pyrazolo[4â€2,3â€:5,6]pyrido[2,3â€<i>d</i>]pyrimidines. Journal of Heterocyclic Chemistry, 2020, 57, 3673-3684.	2.6	5
117	Model studies related to the cofactor of oxomolybdoenzymes. Part 2. Quinoxalin-2-yl-ethane-and-ethene-1,2-dithiols. Journal of the Chemical Society Perkin Transactions 1, 1989, , 2311.	0.9	4
118	Synthesis of the organic ligand of the molybdenum cofactor, in protected form. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 3239-3244.	1.3	4
119	The synthesis of pyrano[2,3-b]quinoxalines related to molybdopterin. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 3232-3238.	1.3	4
120	The dipolar cycloaddition of methyl acrylate to 1,5,6-trimethyl-3-oxidopyrazinium. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1293-o1294.	0.2	4
121	The dipolar cycloaddition of methyl acrylate to 5,6-diethyl-1-methyl-3-oxidopyrazinium. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2318-o2320.	0.2	4
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