

Thierry PrangÃ©

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Exploring hydrophobic sites in proteins with xenon or krypton. <i>Proteins: Structure, Function and Bioinformatics</i> , 1998, 30, 61-73.	2.6	168
2	Crystal Structure of the protein drug urate oxidase-inhibitor complex at 2.05 Å... resolution. <i>Nature Structural and Molecular Biology</i> , 1997, 4, 947-952.	8.2	150
3	Cation Sensors Based on Terpyridine-Functionalized Boradiazaindacene. <i>Chemistry - A European Journal</i> , 2003, 9, 3748-3755.	3.3	140
4	Ordered Water Structure in an A-DNA Octamer at 1.7Å... Resolution. <i>Journal of Biomolecular Structure and Dynamics</i> , 1986, 3, 623-647.	3.5	120
5	Highly modified cysteine-containing antibiotics. Chemical structure and configuration of nosiheptide. <i>Journal of the American Chemical Society</i> , 1977, 99, 6418-6423.	13.7	113
6	Isolation and structure (X-ray analysis) of marcfortine A, a new alkaloid from <i>Penicillium roqueforti</i> . <i>Journal of the Chemical Society Chemical Communications</i> , 1980, , 601-602.	2.0	107
7	Tuning Organogels and Mesophases with Phenanthroline Ligands and Their Copper Complexes by Inter- to Intramolecular Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2004, 126, 12403-12413.	13.7	103
8	The structure of a defective in induced resistance protein of <i>Arabidopsis thaliana</i> , DIR1, reveals a new type of lipid transfer protein. <i>Protein Science</i> , 2008, 17, 1522-1530.	7.6	90
9	Calix[6]tren and copper(II): A third generation of funnel complexes on the way to redox calix-zymes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6831-6836.	7.1	87
10	Efficient Synthesis of Calix[6]tmpa: A New Calix[6]azacryptand with Unique Conformational and Host-Guest Properties. <i>Chemistry - A European Journal</i> , 2006, 12, 6393-6402.	3.3	85
11	Lewis-acid-induced electrophilic substitution in indoles with acetone. Part 2. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1980, , 553-555.	0.9	83
12	Complexed and ligand-free high-resolution structures of urate oxidase (Uox) from <i>Aspergillus flavus</i> : a reassignment of the active-site binding mode. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 453-462.	2.5	82
13	Protein Crystallography under Xenon and Nitrous Oxide Pressure: Comparison with In Vivo Pharmacology Studies and Implications for the Mechanism of Inhaled Anesthetic Action. <i>Biophysical Journal</i> , 2007, 92, 217-224.	0.5	80
14	Adaptation of the base-paired double-helix molecular architecture to extreme pressure. <i>Nucleic Acids Research</i> , 2007, 35, 4800-4808.	14.5	68
15	Mechanistic studies regarding the oxidation of alcohols by silver carbonate on celite. <i>Journal of Organic Chemistry</i> , 1974, 39, 523-533.	3.2	66
16	A zipper-like duplex in DNA: the crystal structure of d(GCGAAAGCT) at 2.1 Å resolution. <i>Structure</i> , 1998, 6, 849-861.	3.3	66
17	Oxygen Pressurized X-Ray Crystallography: Probing the Dioxygen Binding Site in Cofactorless Urate Oxidase and Implications for its Catalytic Mechanism. <i>Biophysical Journal</i> , 2008, 95, 2415-2422.	0.5	65
18	Discovery of Diarylhydantoin as New Selective Androgen Receptor Modulators. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8225-8235.	6.4	65

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19	Structure of nosiheptide, a polythiazole-containing antibiotic. <i>Nature</i> , 1977, 265, 189-190.	27.8	64
20	The BPTI decamer observed in acidic pH crystal forms pre-exists as a stable species in solution. <i>Journal of Molecular Biology</i> , 2000, 297, 697-712.	4.2	61
21	Molecular structure of the lipoamide dehydrogenase domain of a surface antigen from <i>Neisseria meningitidis</i> . <i>Journal of Molecular Biology</i> , 1997, 269, 129-141.	4.2	57
22	The catalytic site of serine proteinases as a specific binding cavity for xenon. <i>Structure</i> , 1995, 3, 309-316.	3.3	56
23	A simple and efficient asymmetric synthesis of 3-alkyl-isoindolin-1-ones. <i>Tetrahedron</i> , 2002, 58, 5103-5108.	1.9	55
24	Structure-Function Perturbation and Dissociation of Tetrameric Urate Oxidase by High Hydrostatic Pressure. <i>Biophysical Journal</i> , 2010, 98, 2365-2373.	0.5	53
25	A Convenient Synthesis of C-22 and C-25 Stereoisomers of Cephalostatin North 1 Side Chain from Spirostan Sapogenins. <i>Organic Letters</i> , 2002, 4, 1295-1297.	4.6	52
26	Andropanolide and Isoandrographolide, Minor Diterpenoids from <i>Andrographis paniculata</i> : Structure and X-ray Crystallographic Analysis. <i>Journal of Natural Products</i> , 2006, 69, 403-405.	3.0	52
27	The 1.45 Å resolution structure of the cryptogein-cholesterol complex: a close-up view of a sterol carrier protein (SCP) active site. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 1442-1447.	2.5	51
28	Lewis Acid Induced Electrophilic Substitution of Indole : Part 3. <i>Heterocycles</i> , 1981, 15, 325.	0.7	51
29	Syntheses of Chiral Dispiroacetals from Carbohydrates. <i>Journal of Organic Chemistry</i> , 1998, 63, 2251-2261.	3.2	49
30	Correct intron splicing generates a new type of a putative zinc-binding domain in a transcriptional activator of <i>Aspergillus nidulans</i> . <i>FEBS Letters</i> , 1991, 280, 11-16.	2.8	47
31	Syntheses of Phosphonic Esters of Alendronate, Pamidronate and Neridronate. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3380-3391.	2.4	46
32	Structural analysis of urate oxidase in complex with its natural substrate inhibited by cyanide: Mechanistic implications. <i>BMC Structural Biology</i> , 2008, 8, 32.	2.3	44
33	Structure of tumour necrosis factor by X-ray solution scattering and preliminary studies by single crystal X-ray diffraction. <i>Journal of Molecular Biology</i> , 1988, 199, 389-392.	4.2	43
34	Multipoint molecular recognition within a calix[6]arene funnel complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10449-10454.	7.1	43
35	Direct Evidence for a Peroxide Intermediate and a Reactive Enzyme-Substrate Dioxxygen Configuration in a Cofactor-free Oxidase. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13710-13714.	13.8	43
36	Antibacterial Sesquiterpene Aryl Esters from <i>Armillaria mellea</i> . <i>Journal of Natural Products</i> , 1985, 48, 10-16.	3.0	42

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37	1,4-Dioxene in organic synthesis. 6. Substituted 2-vinyl-1,4-dioxenes: useful intermediates for the synthesis of highly functionalized compounds. <i>Journal of Organic Chemistry</i> , 1988, 53, 5672-5679.	3.2	41
38	Crystal structure of a d-aminopeptidase from <i>Ochrobactrum anthropi</i> , a new member of the β -penicillin-recognizing enzyme family. <i>Structure</i> , 2000, 8, 971-980.	3.3	41
39	Revisiting glutaraldehyde cross-linking: the case of the Arg-Lys intermolecular doublet. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 225-228.	0.7	41
40	Use of Noble Gases Xenon and Krypton as Heavy Atoms in Protein Structure Determination. <i>Methods in Enzymology</i> , 2003, 374, 83-119.	1.0	40
41	Fragmentation of Alkoxy Radicals: Tandem β -Fragmentation-Cycloperoxyiodination Reaction. <i>Journal of Organic Chemistry</i> , 1994, 59, 4393-4401.	3.2	39
42	Biomimetic Zinc Funnel Complexes Based on Calix[6]N3ArO Ligands: An Acid-Base Switch for Guest Binding. <i>Journal of the American Chemical Society</i> , 2005, 127, 14833-14840.	13.7	38
43	Enkephalin related fragments, conformational studies of the tetrapeptides Tyr-Gly-Gly-Phe and Gly-Gly-Phe-X (X = Leu, met) by X-ray and ¹ H NMR spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 1977, 79, 1199-1206.	2.1	37
44	X-ray and NMR studies of L-4-hydroxyproline conformation in oligopeptides related to collagen. <i>Journal of the American Chemical Society</i> , 1980, 102, 1827-1837.	13.7	35
45	Isolation and structure (X-ray analysis) of the orsellinate of armillol, a new antibacterial metabolite from <i>Armillaria mellea</i> . <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 135-137.	2.0	35
46	Saradaferin, a new sesquiterpenoid coumarin from <i>Ferula assafoetida</i> . <i>Natural Product Research</i> , 2006, 20, 961-965.	1.8	35
47	Urate oxidase from <i>Aspergillus flavus</i> : new crystal-packing contacts in relation to the content of the active site. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 218-229.	2.5	34
48	Structure of laurycolactone A and B, new C18 - quassinoids from <i>Eurycoma longifolia</i> and revised structure of Eurycomalactone (X - ray analysis). <i>Tetrahedron Letters</i> , 1982, 23, 5159-5162.	1.4	31
49	Pressure-response analysis of anesthetic gases xenon and nitrous oxide on urate oxidase: a crystallographic study. <i>FASEB Journal</i> , 2011, 25, 2266-2275.	0.5	31
50	Structural Basis for Xenon Inhibition in a Cationic Pentameric Ligand-Gated Ion Channel. <i>PLoS ONE</i> , 2016, 11, e0149795.	2.5	31
51	Facial Selectivity in Cycloadditions of a Chiral Ketene Acetal under Microwave Irradiation in Solvent-Free Conditions. Configurational Assignment of the Cycloadducts by NOESY Experiments and Molecular Mechanics Calculations. <i>Journal of Organic Chemistry</i> , 1995, 60, 4160-4166.	3.2	30
52	Hydrogen atom transfer methodology for the synthesis of C-22, C-23, and C-25 stereoisomers of cephalostatin north 1 side chain from spirostan sapogenins. <i>Tetrahedron</i> , 2005, 61, 2803-2814.	1.9	30
53	Use of Calix[4]arenes in the Redox Chemistry of Lanthanides: the Reduction of Dinitrogen by a Calix[4]arene-Samarium Complex. <i>Inorganic Chemistry</i> , 2007, 46, 5152-5154.	4.0	30
54	Supramolecular Assemblies with Calix[6]arenes and Copper Ions: from Dinuclear to Trinuclear Linear Arrangements of Hydroxo-Cu(II) Complexes. <i>Inorganic Chemistry</i> , 2006, 45, 1069-1077.	4.0	29

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55	Recapture of [S]-allantoin, the product of the two-step degradation of uric acid, by urate oxidase. <i>FEBS Letters</i> , 2006, 580, 2087-2091.	2.8	29
56	Near-atomic resolution structures of urate oxidase complexed with its substrate and analogues: the protonation state of the ligand. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 714-724.	2.5	29
57	Assembly of a Face-to-Face Tetranuclear Copper(I) Complex as a Host for an Anthracene Guest. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 975-979.	13.8	28
58	Isolation and structure of sergeolide, a potent cytotoxic quassinoid from <i>picrolemma pseudocoffea</i> . <i>Tetrahedron Letters</i> , 1982, 23, 647-650.	1.4	27
59	Copper(II)-L-glutamine complexation study in solid state and in aqueous solution. <i>Inorganica Chimica Acta</i> , 2003, 353, 22-34.	2.4	27
60	Synthesis of tetradentate mixed bisphosphonates new hydroxypyridinonate ligands for metal chelation therapy. <i>Tetrahedron Letters</i> , 2003, 44, 189-192.	1.4	27
61	Synthesis of Phytuberin. 4-endo-tet Acid-Catalyzed Cyclization of β -Hydroxy Epoxides. <i>Journal of Organic Chemistry</i> , 2003, 68, 4422-4431.	3.2	27
62	X-ray Diffraction and EXAFS Studies of Hydroxo-Cu(II) Complexes Based on a Calix[6]arene-N3Ligand: Evidence for a Mononuclear-Dinuclear Equilibrium Controlled by Supramolecular Features. <i>Inorganic Chemistry</i> , 2005, 44, 9743-9751.	4.0	27
63	Molecular Recognition of Azobenzene Dicarboxylates by Acridine-Based Receptor Molecules; Crystal Structure of the Supramolecular Inclusion Complex of trans-3,3'-Azobenzene Dicarboxylate with a Cyclo-bis-intercaland Receptor. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2479-2484.	2.4	26
64	Functional relevance of the internal hydrophobic cavity of urate oxidase. <i>FEBS Letters</i> , 2014, 588, 1715-1719.	2.8	26
65	Access to Functionalized Imidazolidinone Derivatives by Iron-Catalyzed Oxyamination of Alkenes. <i>Chemistry - A European Journal</i> , 2018, 24, 11485-11492.	3.3	26
66	The decameric structure of bovine pancreatic trypsin inhibitor (BPTI) crystallized from thiocyanate at 2.7 Å resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1999, 55, 103-113.	2.5	25
67	Crystallographic Studies with Xenon and Nitrous Oxide Provide Evidence for Protein-dependent Processes in the Mechanisms of General Anesthesia. <i>Anesthesiology</i> , 2014, 121, 1018-1027.	2.5	25
68	Gas-sensitive biological crystals processed in pressurized oxygen and krypton atmospheres: deciphering gas channels in proteins using a novel 'soak-and-freeze' methodology. <i>Journal of Applied Crystallography</i> , 2016, 49, 1478-1487.	4.5	25
69	Isolation and structure (x-ray analysis) of karinolide, a new quassinoid from <i>Simaba Multiflora</i> . <i>Tetrahedron Letters</i> , 1982, 23, 869-872.	1.4	24
70	2-Oxazolines (4,5-dihydro-oxazoles) by organoselenium-induced cyclisation of allylic ureas. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 450-452.	2.0	24
71	A double ionic mechanism for the Chapman-like rearrangement of imino-ethers to N-alkylimides, in the solid state or in the melt. Theoretical and experimental evidence. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, .	2.0	24
72	Stereospecific Synthesis of 1,2-Dioxolanes by Alkoxy Radical β -Fragmentation of Steroidal Cyclic Peroxyhemiacetals. <i>Journal of Organic Chemistry</i> , 1998, 63, 4697-4705.	3.2	24

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73	Stereospecific Synthesis of 1,6-Dioxadecalins and 2,2-Link-Linked Ditetrahydrofurans by Rearrangement of Steroidal Spiroacetals. <i>Journal of Organic Chemistry</i> , 1998, 63, 6355-6362.	3.2	23
74	Antileukaemic quassinoids : structure (X-ray analysis) of bruceine C and revised structure of bruceantanol. <i>Tetrahedron Letters</i> , 1980, 21, 1853-1856.	1.4	22
75	Fragmentation of alkoxy radicals: Tandem $\hat{1}^2$ -fragmentation-cycloperoxyiodination reaction. <i>Tetrahedron Letters</i> , 1992, 33, 6687-6690.	1.4	22
76	p-tert-Butylcalix[4]arene Functionalised with Bipyridyl Carboxylates for Lanthanide Complexation: Synthesis, Photophysical Properties, Solution and Solid State Behavior. <i>Supramolecular Chemistry</i> , 2003, 15, 277-289.	1.2	22
77	Directional Control and Supramolecular Protection Allowing the Chemo- and Regioselective Transformation of a Triamine. <i>Chemistry - A European Journal</i> , 2009, 15, 11912-11917.	3.3	22
78	Unprecedented ipso aromatic nucleophilic substitution upon oxidative decarboxylation of tris(p-carboxyltetraaryl)methyl (TAM) radicals: a new access to diversely substituted TAM radicals. <i>Chemical Communications</i> , 2011, 47, 4805.	4.1	22
79	Taxagifine: new taxane derivative from <i>Taxus baccata</i> L. (taxaceae). <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 495-496.	2.0	21
80	Abnormal eight-membered ring formation through SN_2^E intramolecular Nozaki/Kishi reaction in a synthetic approach to a taxane precursor. <i>Tetrahedron Letters</i> , 1998, 39, 279-282.	1.4	20
81	A new example of $1\hat{1}\pm$ -hydroxylation of drimanic terpenes through combined microbial and chemical processes. <i>Tetrahedron</i> , 2001, 57, 6051-6056.	1.9	20
82	New toxic quassinoid glucosides from (x-ray analysis). <i>Tetrahedron Letters</i> , 1984, 25, 299-302.	1.4	19
83	Enzyme-mediated H ₂ O ₂ oxidation of (E)-stilbene-3,4-diol. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987, , 2719-2722.	0.9	19
84	Diastereoselective synthesis of a taxane precursor. <i>Tetrahedron Letters</i> , 1996, 37, 3313-3316.	1.4	19
85	Manicol : A sesquiterpenoid hydroxytropolone from ; a revised structure (x-ray analysis). <i>Tetrahedron</i> , 1983, 39, 2647-2655.	1.9	17
86	A Continuous Transition from A-DNA to B-DNA in the 1:1 Complex between Nogalamycin and the Hexamer dCCCGGG. <i>Journal of Biological Chemistry</i> , 1996, 271, 15558-15567.	3.4	17
87	Synthesis of agarofuran antifeedants. Part 6: Enantioselective synthesis of a key decalinic intermediate. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1153-1159.	1.8	17
88	Equilibria between conformational states of the Ras oncogene protein revealed by high pressure crystallography. <i>Chemical Science</i> , 2022, 13, 2001-2010.	7.4	17
89	Dammarane triterpenes of <i>Trevoa trinervis</i> : structure and absolute stereochemistry of trevoagenins A, B, and C. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1983, , 1119-1126.	0.9	16
90	Supramolecular assembly of substituted hydroxy-bisphosphonates with cupric ion. Influence of the chain functionalization. <i>Supramolecular Chemistry</i> , 1995, 5, 267-272.	1.2	16

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91	Practical and Efficient 1Î±-Hydroxylation of 4,4-Dimethyl-2-Ene Derivatives in Terpenic Series. <i>Synthetic Communications</i> , 1997, 27, 45-60.	2.1	16
92	Crystallization of DIR1, a LTP2-like resistance signalling protein from <i>Arabidopsis thaliana</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 702-704.	0.7	16
93	Synthetic strategy of new powerful tris-bisphosphonic ligands for chelation of uranyl, iron, and cobalt cations. <i>Tetrahedron Letters</i> , 2007, 48, 2315-2319.	1.4	16
94	Isothermal compressibility of macromolecular crystals and macromolecules derived from high-pressure X-ray crystallography. <i>Journal of Applied Crystallography</i> , 2010, 43, 407-416.	4.5	16
95	X-ray, ESR, and quantum mechanics studies unravel a spin well in the cofactorless urate oxidase. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 1964-1976.	2.6	16
96	Quassinoids. Isolation from <i>Soulamea muelleri</i> and structures of 1,12-di-o-acetyl soulameanone and Î³-picrasin b. X-ray analysis of soulameanone. <i>Tetrahedron</i> , 1980, 36, 2983-2988.	1.9	15
97	Model studies in the taxane diterpene series - Part. I. <i>Tetrahedron</i> , 1986, 42, 3491-3502.	1.9	15
98	Crystallization and Preliminary X-ray Investigation of a Recombinant Outer Membrane Protein from <i>Neisseria meningitidis</i> . <i>Journal of Molecular Biology</i> , 1994, 235, 1154-1155.	4.2	15
99	Synthesis of agarofuran antifeedants. Part 3: Synthesis of polyhydroxylated pyrano-agarofurans. <i>Tetrahedron Letters</i> , 2002, 43, 8277-8279.	1.4	15
100	Synthesis and glycosidase inhibitory activity of new hexa-substituted C8-glycomimetics. <i>Beilstein Journal of Organic Chemistry</i> , 2005, 1, 12.	2.2	15
101	1,3-dipolar cycloadditions. Part XII -selective cycloaddition route to 4-nitroisoxazolidine ring systems. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 1045-1049.	2.6	15
102	DFT study of 1,3-dipolar cycloadditions of C,N-disubstituted aldonitrone to chalcones evidenced by NMR and X-ray analysis. <i>Monatshefte für Chemie</i> , 2010, 141, 1213-1221.	1.8	15
103	A Diastereoselective Synthesis of 5-Substituted-Uridine Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 7758-7765.	3.2	15
104	Structures of simarinolide and guanepolide (x-ray analysis), new quassinoids from cf. <i>Tetrahedron Letters</i> , 1981, 22, 3605-3608.	1.4	14
105	Synthesis of a highly functionalized AB taxane ring system using 1,4-dioxene. <i>Tetrahedron Letters</i> , 1996, 37, 7013-7016.	1.4	14
106	Model Study of the Hoppe Reaction Between Racemic Titanated Crotyl Carbamate and Enantiopure Aldehyde or Î³-Lactol. <i>Synlett</i> , 1998, 1998, 1132-1134.	1.8	14
107	Allylic Oxidation and First Transformations of a Key Intermediate in the Total Synthesis of Agarofuran Sesquiterpenes. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1172-1183.	2.4	14
108	Interactions of a new Î±-aminophosphinic derivative inside the active site of TLN (thermolysin): a model for zinc-metalloendopeptidase inhibition. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1200-1205.	2.5	14

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109	Unexpected cycloadducts from 1,3-dipolar cycloaddition of 3,4-dehydromorpholine N-oxide to N-cinnamoyl piperidines—first report of the novel formation of 2:1 cycloadducts. <i>Tetrahedron Letters</i> , 2005, 46, 2619-2622.	1.4	14
110	Mapping Hydrophobic Tunnels and Cavities in Neuroglobin with Noble Gas under Pressure. <i>Biophysical Journal</i> , 2017, 113, 2199-2206.	0.5	14
111	Synthesis of (5R, 7S, 13S)-13-methoxy-1,6,8-trioxadispiro[4.1.5.3]pentadecane. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1907-1910.	1.8	13
112	Rearrangement of Spiroacetals of the 1,6-Dioxaspiro[4.5]decan-10-yl Methanesulfonate Type. Synthesis of Cis-Fused 1,6-Dioxadecalins. <i>Journal of Organic Chemistry</i> , 2000, 65, 8822-8825.	3.2	13
113	Synthesis of C-Nucleosidic ATP Mimics as Potential FGFR3 Inhibitors. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2403-2409.	2.4	13
114	Isolation and structure (X-ray analysis) of a new C25 quassinoid soulameolide from <i>Soulamea tomentosa</i> . <i>Journal of the Chemical Society Chemical Communications</i> , 1979, , 641-642.	2.0	12
115	Double induction asymmetric: hydroxyalkylation diastereoselective de la l-alanine par le L-glyceraldehyde. <i>Tetrahedron Letters</i> , 1984, 25, 1459-1462.	1.4	12
116	Conserved residues of tumour necrosis factor and lymphotoxin constitute the framework of the trimeric structure. <i>FEBS Letters</i> , 1989, 257, 315-318.	2.8	12
117	Fragmentation of peroxyhemiacetals. Stereoselective synthesis of 1,2-dioxolanes. <i>Tetrahedron Letters</i> , 1996, 37, 6409-6412.	1.4	12
118	Naphthalene-dioxygenase-catalysed cis-dihydroxylation of azaarene derivatives. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 50, 53-60.	1.8	12
119	A new paradigm for macromolecular crystallography beamlines derived from high-pressure methodology and results. <i>Journal of Synchrotron Radiation</i> , 2011, 18, 31-36.	2.4	12
120	Structure (x-ray analysis) of Manicoline B, a mixture of two diastereoisomers of a new alkaloid from (olacaceae). <i>Tetrahedron Letters</i> , 1984, 25, 2359-2362.	1.4	11
121	Photocycloaddition of 1,4-dioxene to 3-methylcyclohex-2-en-1-one: conformational analysis, x-ray crystal structures, and acid-catalyzed rearrangement of the photoadducts. <i>Journal of Organic Chemistry</i> , 1987, 52, 1993-2001.	3.2	11
122	1,3-Dipolar Cycloadditions VI [1]. Structure and Conformation of Cycloadducts from Reactions of C-Aryl-N-phenylnitrones with Substituted Cinnamic Acid Amides. <i>Monatshefte für Chemie</i> , 2000, 131, 901-911.	1.8	11
123	On the edge of the denaturation process: Application of X-ray diffraction to barnase and lysozyme cross-linked crystals with denaturants in molar concentrations. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 903-912.	2.3	11
124	A DFT-based exploration augmented by X-ray and NMR of the stereoselectivity in the 1,3-dipolar cycloaddition of 1-pyrroline-1-oxide to methyl cinnamate and benzylidene acetophenone. <i>Journal of Physical Organic Chemistry</i> , 2010, 23, 1187-1195.	1.9	11
125	Synthesis and Conformational Analysis of Fluorinated Pipecolic Acids. <i>Synlett</i> , 2012, 23, 2421-2425.	1.8	11
126	“Paddle-wheel” hydrocarbons. Intracyclic C—C bond length shortening in rotanes. X-Ray crystal structures of [3]- and [4]-rotane. <i>Journal of the Chemical Society Chemical Communications</i> , 1979, , 425-426.	2.0	10

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127	The absolute configuration of the orsellinate of armillol; application of the coupled oscillator theory. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 222-223.	2.0	10
128	An approach to the bicyclic core of the zaragozic acids via the aldol reaction between methyl (\pm -D-xylofuranoside)uronate and D-(R)-glyceraldehyde acetone. <i>Tetrahedron</i> , 1999, 55, 11819-11832.	1.9	10
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