

Jacek K Gawroński

List of Publications by Year in descending order

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125
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3,339
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136950

32
h-index

175258

52
g-index

139
all docs

139
docs citations

139
times ranked

2957
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent-assisted synthesis of a shape-persistent chiral polyaza gigantocycle characterized by a very large internal cavity and extraordinarily high amplitude of the ECD exciton couplet. <i>Chemical Communications</i> , 2019, 55, 2301-2304.	4.1	4
2	One-Step Construction of the Shape Persistent, Chiral But Symmetrical Polyimine Macrocycles. <i>Chemical Record</i> , 2019, 19, 213-237.	5.8	27
3	Introduction of axial chirality at a spiro carbon atom in the synthesis of pentaerythritol-imine macrocycles. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 981-987.	2.8	7
4	Benzhydryl Ethers of Tartaric Acid Derivatives: Stereochemical Response of a Dynamically Chiral Propeller. <i>ChemPhysChem</i> , 2017, 18, 2197-2207.	2.1	4
5	From Cavities to Channels in Host:Guest Complexes of Bridged Trianglamine and Aliphatic Alcohols. <i>Crystal Growth and Design</i> , 2016, 16, 2779-2788.	3.0	13
6	Unusual formation and helicity induction in a para -amino-substituted trityl chromophore: a cautionary note. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 811-814.	1.8	3
7	Chirality transfer through sulfur or selenium to chiral propellers. <i>RSC Advances</i> , 2015, 5, 69441-69444.	3.6	14
8	Intramolecular Interactions of Trityl Groups. <i>ChemPhysChem</i> , 2014, 15, 1653-1659.	2.1	14
9	Mechanism and Enantioselectivity of [Zinc(diamine)(diol)]-Catalyzed Asymmetric Hydrosilylation of Ketones: DFT, NMR and ECD Studies. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 307-318.	2.4	24
10	Self-assembly of a covalent organic cage with exceptionally large and symmetrical interior cavity: the role of entropy of symmetry. <i>Chemical Communications</i> , 2013, 49, 2524.	4.1	94
11	Optical activity and helicity enhancement of diphenylmethyl molecular propellers. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 683-688.	1.8	6
12	Triphenylmethanethiol as a Precursor for the Simultaneous Formation of Bis (Triphenylmethyl) Sulfide, Bis(Triphenylmethyl) Trisulfide, and Bis(Triphenylmethyl) Peroxide: Crystal Structures and Hirshfeld Surface Analyses. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 462-468.	1.6	2
13	Structure, stereochemistry and synthesis of enantiopure cyclohexenone cis-diol bacterial metabolites derived from phenols. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6217.	2.8	10
14	Absolute Configuration Determination and Convenient Asymmetric Synthesis of (1 <i>S</i>)-9-(9 <i>S</i> -Anthryl)cyclohexanol with Proline as a Catalyst. <i>Chirality</i> , 2012, 24, 833-839.	2.6	2
15	From Single Molecule to Crystal: Mapping Out the Conformations of Tartaric Acids and Their Derivatives. <i>ChemPhysChem</i> , 2012, 13, 1500-1506.	2.1	8
16	Asymmetric hydrosilylation of ketones catalyzed by complexes formed from trans-diaminocyclohexane-based diamines and diethylzinc. <i>Monatshefte für Chemie</i> , 2012, 143, 1045-1054.	1.8	17
17	An expedient synthesis and conformational features of acylhydrazone macrocycles derived from tartaric acid: evidence of water and π -aromatic hydrogen bond interactions. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 300-305.	1.8	2
18	C-hexaphenyl-substituted trianglamine as a chiral solvating agent for carboxylic acids. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4234.	2.8	37

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19	Simple and practical direct asymmetric aldol reaction of hydroxyacetone catalyzed by 9-amino Cinchona alkaloid tartrates. <i>Green Chemistry</i> , 2011, 13, 1280.	9.0	20
20	Convenient, enantioselective hydrosilylation of imines in protic media catalyzed by a Zn-trianglamine complex. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3863.	2.8	44
21	Double Chirality Transmission in Trityl Amines: Sensing Molecular Dynamic Stereochemistry by Circular Dichroism and DFT Calculations. <i>Chemistry - A European Journal</i> , 2011, 17, 13138-13141.	3.3	39
22	Refined model of optical activity of <i>cis</i> -dihydrodiol metabolites: Role of 1,3-diene conformation in the electronic circular dichroism spectra. <i>Chirality</i> , 2011, 23, 744-751.	2.6	2
23	Structure and atropisomerisation of new diastereomeric gossypol Schiff bases with (R)-(+)-2-amino-3-benzyloxy-1-propanol studied by NMR, ECD and DFT methods. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 973-981.	1.8	6
24	Solid solution of two diastereomers of [3a(<i>R,S</i>),7a(<i>R,S</i>)]-3-[(1 <i>R</i>)-1-phenylethyl]perhydro-1,3-benzothiazol-2-iminium chloride. <i>Acta Crystallographica Section B: Structural Science</i> , 2010, 66, 678-686.	1.8	9
25	Circular dichroism, optical rotation and absolute configuration of 2-cyclohexenone- <i>cis</i> -diol type phenol metabolites: redefining the role of substituents and 2-cyclohexenone conformation in electronic circular dichroism spectra. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5635.	2.8	32
26	Extending the applications of circular dichroism in structure elucidation: aqueous environment breaks the symmetry of tartrate dianion. <i>New Journal of Chemistry</i> , 2010, 34, 2020.	2.8	11
27	Convenient Enantioselective Hydrosilylation of Ketones Catalyzed by Zinc-Macrocyclic Oligoamine Complexes. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1055-1063.	4.3	73
28	Circular dichroism spectra, optical rotations and absolute configurations of <i>cis</i> -dihydrodiol metabolites of quinoline and derivatives: The role of the nitrogen atom. <i>Chirality</i> , 2009, 21, E37-47.	2.6	8
29	Trityl Ethers: Molecular Bevel Gears Reporting Chirality through Circular Dichroism Spectra. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7069-7072.	13.8	56
30	Probing the shapes of chiral bis-(<i>o</i> -naphthalimidobenzoyl) systems using X-ray and circular dichroism methods. <i>Acta Crystallographica Section B: Structural Science</i> , 2009, 65, 86-95.	1.8	1
31	Assignment of absolute configurations of permethrin and its synthon 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylic acid by electronic circular dichroism, optical rotation, and X-ray crystallography. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1027-1035.	1.8	11
32	Synthesis, Conformation and Chiroptical Properties of Diaryl Esters of Tartaric Acid. <i>Journal of Organic Chemistry</i> , 2009, 74, 4573-4583.	3.2	12
33	Synthesis of chiral large-ring triangular salen ligands and structural characterization of their complexes. <i>Dalton Transactions</i> , 2009, , 6783.	3.3	19
34	Density Functional Theory Calculations of the Optical Rotation and Electronic Circular Dichroism: The Absolute Configuration of the Highly Flexible <i>trans</i> -Isocytosaxone Revised. <i>Journal of Organic Chemistry</i> , 2009, 74, 8051-8063.	3.2	50
35	Noncatalyzed Addition of Trimethylsilyl Isothiocyanate to Aziridines and Cyclohexene Oxide. <i>Synthetic Communications</i> , 2009, 39, 2795-2803.	2.1	7
36	Thiourea and isothiocyanate – two useful chromophores for stereochemical studies. A comparison of experiment and computation. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1562.	2.8	15

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37	Role of the <i>gauche</i> effect and local 1,3-dipole-dipole interactions in stabilizing an unusual conformation of tartarodinitriles. <i>Acta Crystallographica Section B: Structural Science</i> , 2008, 64, 497-503.	1.8	3
38	Toluene Dioxygenase-Catalyzed Synthesis of <i>cis</i> -Dihydrodiol Metabolites from 2-Substituted Naphthalene Substrates: Assignments of Absolute Configurations and Conformations from Circular Dichroism and Optical Rotation Measurements. <i>Chemistry - A European Journal</i> , 2008, 14, 11500-11511.	3.3	23
39	Discrimination of enantiomers of $\hat{\pm}$ -amino acids by chiral derivatizing reagents from <i>trans</i> -1,2-diaminocyclohexane. <i>Chirality</i> , 2008, 20, 301-306.	2.6	11
40	Determination of absolute configuration of conformationally flexible <i>cis</i> -dihydrodiol metabolites: Effect of diene substitution pattern on the circular dichroism spectra and optical rotations. <i>Chirality</i> , 2008, 20, 609-620.	2.6	35
41	Thematic issue on determination of absolute configuration. <i>Chirality</i> , 2008, 20, 605-605.	2.6	2
42	Determination of absolute configuration—An overview related to this Special Issue. <i>Chirality</i> , 2008, 20, 606-608.	2.6	57
43	Recent Progress in Lewis Base Activation and Control of Stereoselectivity in the Additions of Trimethylsilyl Nucleophiles. <i>Chemical Reviews</i> , 2008, 108, 5227-5252.	47.7	278
44	Lewis Acid-Catalyzed One-Pot, Three-Component Route to Chiral 3,3'-Bipyrroles. <i>Organic Letters</i> , 2008, 10, 1373-1376.	4.6	37
45	Chiral Iminospherand of a Tetrahedral Symmetry Spontaneously Assembled in a [6 + 4] Cyclocondensation. <i>Organic Letters</i> , 2008, 10, 4755-4758.	4.6	92
46	Absolute Configuration of Conformationally Flexible <i>cis</i> -Dihydrodiol Metabolites by the Method of Confrontation of Experimental and Calculated Electronic CD Spectra and Optical Rotations. <i>Chemistry - A European Journal</i> , 2007, 13, 5812-5821.	3.3	29
47	Enzyme-Catalysed Synthesis and Absolute Configuration Assignments of <i>cis</i> -Dihydrodiol Metabolites from 1,4-Disubstituted Benzenes. <i>Chemistry - A European Journal</i> , 2007, 13, 5804-5811.	3.3	31
48	Chiral Macrocyclic Aliphatic Oligoimines Derived from <i>trans</i> -1,2-Diaminocyclohexane. <i>Chemistry - A European Journal</i> , 2007, 13, 8688-8695.	3.3	35
49	Chiral sulfur-containing structures: Selected synthetic and structural aspects. <i>Heteroatom Chemistry</i> , 2007, 18, 527-536.	0.7	11
50	Racemate resolution via diastereomeric helicates in hydrogen-bonded co-crystals: the case of BINOL-diamine complexes. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 765-773.	1.8	10
51	Structural constraints for the formation of macrocyclic rhombimines. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2632-2637.	1.8	20
52	Unprecedented Selectivity in the Formation of Large-Ring Oligoimines from Conformationally Bistable Chiral Diamines. <i>Organic Letters</i> , 2006, 8, 2921-2924.	4.6	25
53	Solvent induced folding of conformationally bistable helical imide triads. <i>Tetrahedron</i> , 2006, 62, 7866-7877.	1.9	7
54	Electronic circular dichroism for chiral analysis. , 2006, , 397-459.		6

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55	Indicator displacement sensor for efficient determination of $\hat{\pm}$ -hydroxydicarboxylic acids and their chiral discrimination. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1332-1336.	1.8	14
56	Helicity discrimination in diselenides by chiral substituents—a circular dichroism study. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2408-2412.	1.8	11
57	Trianglaminés—Readily Prepared, Conformationally Flexible Inclusion-Forming Chiral Hexamines. <i>Chemistry - A European Journal</i> , 2006, 12, 1807-1817.	3.3	73
58	New Macrocycles with Planar Chirality—Synthesis and Determination of Absolute Configurations. <i>Chemistry - A European Journal</i> , 2006, 12, 4397-4406.	3.3	10
59	The Library of Cinchona Alkaloids-1,2,3-triazole Derivatives: Structure and Facile Access by “Click Chemistry”. <i>Heterocycles</i> , 2005, 65, 1931.	0.7	13
60	Synthesis, structure, and contrasting chiroptical properties of large trianglimine macrocycles. <i>Chirality</i> , 2005, 17, S93-S100.	2.6	33
61	Conformational response of tartaric acid to derivatization: Role of 1,3-dipole-dipole interactions. <i>Chirality</i> , 2005, 17, 388-395.	2.6	16
62	Exciton Cotton Effects of Benzoates in the 1B Transition Region. Demonstration and Applications. <i>Monatshefte für Chemie</i> , 2005, 136, 447-459.	1.8	2
63	Absolute Configuration, Conformation, and Circular Dichroism of Monocyclic Arene Dihydrodiol Metabolites: It is All Due to the Heteroatom Substituents. <i>Journal of the American Chemical Society</i> , 2005, 127, 4308-4319.	13.7	48
64	RhombiminesCyclic Tetraamines oftrans-1,2-Diaminocyclohexane Shaped by the Diaryl Ether Structural Motif. <i>Journal of Organic Chemistry</i> , 2005, 70, 10147-10150.	3.2	37
65	New Chromophores for Organic Stereochemical Analysis by Exciton- Coupled Circular Dichroism. <i>Current Organic Chemistry</i> , 2004, 8, 65-82.	1.6	27
66	Structure and unexpected chiroptical properties of chiral 4-pyrrolidinyl substituted 2(5H)-furanones. <i>Chirality</i> , 2004, 16, 405-413.	2.6	5
67	A superior molecular bichromophore for the determination of absolute configuration of primary amines. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1527-1530.	1.8	5
68	Induction of chirality in donor—acceptor spiro compounds. <i>Mendeleev Communications</i> , 2003, 13, 139-140.	1.6	1
69	A circular dichroism detection of stereostructural change due to amine protonation. <i>Tetrahedron Letters</i> , 2003, 44, 8311-8314.	1.4	2
70	Bifunctional receptor triad for efficient recognition of mono- and dicarboxylic acidsElectronic supplementary information (ESI) available: experimental details, spectrometric titration results, ESMS spectrum of the complex of 2 with (R,R)-tartaric acid. See http://www.rsc.org/suppdata/cc/b3/b302003g/ . <i>Chemical Communications</i> , 2003, , 1532.	4.1	33
71	The First Nonempirical Circular Dichroism Determination of the Absolute Configuration ofN-Phthalimididosulfoximines Based on Exciton Coupling Mechanism and a Correlation with the Absolute Configuration of Chiral Sulfoxides. <i>Journal of Organic Chemistry</i> , 2003, 68, 9821-9822.	3.2	12
72	The Significance of Induced Circular Dichroism. <i>Organic Letters</i> , 2003, 5, 3301-3303.	4.6	48

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73	The Use of Benzamide Derivatives of Secondary Amines for Stereochemical Studies by Circular Dichroism. <i>Enantiomer</i> , 2002, 7, 85-92.	0.5	10
74	Helicity Induction in a Bichromophore: A Sensitive and Practical Chiroptical Method for Absolute Configuration Determination of Aliphatic Alcohols. <i>Organic Letters</i> , 2002, 4, 4185-4188.	4.6	30
75	Folding of aromatic oligoimides of trans-1,2-diaminocyclohexane Electronic supplementary information (ESI) available: CD spectra and experimental details. See http://www.rsc.org/suppdata/cc/b1/b110446b/ . <i>Chemical Communications</i> , 2002, , 582-583.	4.1	10
76	Induced homohelicity of diphenimide bis-propellers. <i>New Journal of Chemistry</i> , 2002, 26, 1714-1717.	2.8	18
77	Novel Chiral Pyromellitimide (1,2,4,5-Benzenetetracarboxydiimide) Dimers and Trimers: Exploring Their Structure, Electronic Transitions, and Exciton Coupling. <i>Chemistry - A European Journal</i> , 2002, 8, 2484.	3.3	29
78	Circular Dichroism of 9,10-Dihydrophenanthrene Derivatives Reveals both the Absolute Configuration and Conformation: A Novel Approach to Mislow's Helicity Rule. <i>Chemistry - A European Journal</i> , 2002, 8, 4210-4215.	3.3	18
79	Contrasting chiroptical properties of sparteine lactams and thiolactams. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1337-1343.	1.8	4
80	Lactones. 6. Microbial lactonization of α,β -epoxy esters. <i>Chirality</i> , 2001, 13, 302-307.	2.6	15
81	CD'99 7th International Conference on Circular Dichroism. , 2000, 12, 161-161.		0
82	Chirality of aromatic bis-imides from their circular dichroism spectra. <i>Chirality</i> , 2000, 12, 263-268.	2.6	61
83	Formation and Structure of Cinchona Alkaloid (Bis-2,3-naphthalenediyl)orthoborate Salts. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2000, 55, 1083-1088.	0.7	2
84	4,5-Dimethoxyphthalimide and 6,7-dimethoxy-2,3-naphthalimide – Two new chromophoric derivatives for the amino group. <i>Tetrahedron Letters</i> , 1999, 40, 1191-1194.	1.4	13
85	Synthesis of Enantiopure \hat{I}^2 - and \hat{I}^3 -Amino Alcohols from Homochiral \hat{I}^\pm - and \hat{I}^2 -Aminoacylsilanes as Stable Synthetic Equivalents of \hat{I}^\pm - and \hat{I}^2 -Amino Aldehydes. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 437-445.	2.4	19
86	Determination of the Absolute Configuration of 3-Pyrrolin-2-ones. <i>Journal of Organic Chemistry</i> , 1999, 64, 2567-2570.	3.2	22
87	IMPROVED SYNTHESIS OF <i>cis</i> -9,10-DIHYDRO-9,10-PHENANTHRENEDICARBOXIMIDES AND 9,10-PHENANTHRENEDICARBOXIMIDES. <i>Organic Preparations and Procedures International</i> , 1999, 31, 442-447.	1.3	4
88	Excited States of the Phthalimide Chromophore and Their Exciton Couplings: A Tool for Stereochemical Assignments. <i>Journal of the American Chemical Society</i> , 1998, 120, 12083-12091.	13.7	59
89	Factors Affecting Conformation of (R,R)-Tartaric Acid Ester, Amide and Nitrile Derivatives. X-Ray Diffraction, Circular Dichroism, Nuclear Magnetic Resonance and Ab Initio Studies. <i>Tetrahedron</i> , 1997, 53, 6113-6144.	1.9	56
90	Chiroptical properties, structure, and absolute configuration of heterosubstituted 2(5H)-furanones. <i>Chirality</i> , 1997, 9, 537-544.	2.6	19

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91	Chiroptical properties, structure, and absolute configuration of heterosubstituted 2(5H)-furanones. <i>Chirality</i> , 1997, 9, 537-544.	2.6	2
92	Simple Circular Dichroic Method for the Determination of Absolute Configuration of 5-Substituted 2(5H)-Furanones. <i>Journal of Organic Chemistry</i> , 1996, 61, 1513-1515.	3.2	92
93	Exciton coupling in various substituted aryl-phthalimide bichromophoric systems. <i>Tetrahedron</i> , 1996, 52, 13201-13214.	1.9	17
94	Synthesis of enantiomerically pure (R)- and (S)-3-methyl-2-cyclopenten-1-ol. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1551-1552.	1.8	10
95	Conformational diagnosis of diethyl (4S,5S)-4,5-bis(tert-butyl dimethylsiloxy)-2E,6E-octadienedioate based on the stereochemical outcomes of representative reactions as compared with those of its 4,5-O-isopropylidene derivatives and on a dichroic exciton chirality method. <i>Journal of Organic Chemistry</i> , 1993, 58, 6292-6302.	3.2	40
96	Unusual solid-state conformation of D-glucitol hexa(p-chlorobenzoate). <i>Journal of Crystallographic and Spectroscopic Research</i> , 1992, 22, 353-359.	0.2	2
97	A CD method for determination of the absolute stereochemistry of acyclic glycols. 1. Application of the CD exciton chirality method to acyclic 1,3-dibenzoate systems. <i>Journal of the American Chemical Society</i> , 1991, 113, 3842-3850.	13.7	70
98	Application of the exciton chirality method to acyclic systems: circular dichroism of acyclic sugar poly-p-chlorobenzoates. <i>Carbohydrate Research</i> , 1990, 206, 41-53.	2.3	2
99	Structure and molecular chirality of the 2 ⁺ salt of quinine with biphenyl 2,2'-dicarboxylic acid (diphenic acid). <i>Journal of Crystallographic and Spectroscopic Research</i> , 1990, 20, 447-455.	0.2	6
100	Exciton chirality method for establishing absolute configuration of 2-furylcarbinols. <i>Journal of Organic Chemistry</i> , 1990, 55, 1118-1120.	3.2	13
101	Conformational disparity of (R,R)-tartaric acid esters and amides. <i>Tetrahedron Letters</i> , 1989, 30, 6071-6074.	1.4	32
102	Diastereoselective formation of chiral 2,2'-spirobibenz[d]chromene derivatives. Evidence from circular dichroism and crystallographic data. <i>Tetrahedron</i> , 1989, 45, 6875-6884.	1.9	9
103	Complementarity and chiral recognition: enantioselective complexation of bilirubin. <i>Journal of the American Chemical Society</i> , 1987, 109, 6354-6362.	13.7	126
104	On the Induced Optical Activity of Triphenylmethane Dyes. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1986, 41, 1245-1249.	1.5	2
105	Conformational enantiomerism in bilirubin. Selection by cyclodextrins. <i>Journal of the American Chemical Society</i> , 1985, 107, 2456-2461.	13.7	80
106	Tandem reformatsky reactions of 2-bromopropionates in the presence of chlorotrimethylsilane. <i>Tetrahedron Letters</i> , 1984, 25, 2605-2608.	1.4	41
107	Factors influencing asymmetric induction in the addition of thioacids to 2-cyclohexenone. <i>Monatshefte Für Chemie</i> , 1984, 115, 1373-1376.	1.8	7
108	A Study of Stereoselective Hydrolysis of Symmetrical Diesters with Pig Liver Esterase. <i>Helvetica Chimica Acta</i> , 1983, 66, 2501-2511.	1.6	200

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109	Tetracyclic triterpenes. Part 7. Circular dichroism of some steroid and triterpenoid 5-en-7-ones; conformational aspects. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1983, , 433-435.	0.9	2
110	Asymmetric induction in the addition of thioacetic acid to α,β -unsaturated esters. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 1983, 102, 479-483.	0.0	9
111	Circular dichroism and stereochemistry of chiral conjugated cyclohexenones. <i>Tetrahedron</i> , 1982, 38, 3-26.	1.9	93
112	Charge-transfer band of 7-norbornenone. Circular dichroism of (1R)-2-deuteriobicyclo[2.2.1]hept-2-en-7-one and (1R)-2-methylbicyclo[2.2.1]hept-2-en-7-one. <i>Journal of the American Chemical Society</i> , 1981, 103, 4291-4296.	13.7	16
113	Dissymmetric chromophores. 7. Optical activity of conjugated cisoid dienes: experimental-theoretical study of 5-alkyl-1,3-cyclohexadienes. <i>Journal of the American Chemical Society</i> , 1981, 103, 5314-5327.	13.7	37
114	Alkaloid-catalysed asymmetric addition of thiocarboxylic S-acids to cyclohex-2-en-1-ones. Absolute configuration of the adducts by O,S-dibenzoate Cotton effect. <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 307.	2.0	23
115	Electronic structure of symmetric homoconjugated dienes. Circular dichroism of (1S)-2-deuterio- and 2-methylnorbornadiene and (1S)-2-deuterio- and 2-methylbicyclo[2.2.2]octadiene. <i>Journal of the American Chemical Society</i> , 1980, 102, 5749-5754.	13.7	49
116	Diene geometry and allylic axial chirality effect. <i>Journal of the Chemical Society Chemical Communications</i> , 1980, , 346.	2.0	9
117	The octant rule. 7. Deuterium as an octant perturber. <i>Journal of the American Chemical Society</i> , 1980, 102, 1983-1990.	13.7	32
118	Dissymmetric chromophores. 5. Synthesis and circular dichroism of chiral 3-methylenebicyclo[2.2.1]heptan-2-ones. <i>Journal of Organic Chemistry</i> , 1980, 45, 3518-3522.	3.2	14
119	Linear and circular dichroism studies of π \rightarrow π^* transitions in steroidal dienes and α,β -unsaturated ketones. <i>Journal of the American Chemical Society</i> , 1979, 101, 5515-5522.	13.7	25
120	Cotton effect behavior of skewed 1,3-cyclohexadienes. Evidence for dominance of homoannular allylic chirality contributions. <i>Journal of the American Chemical Society</i> , 1976, 98, 3015-3016.	13.7	32
121	Micelle-induced circular dichroism of aliphatic ketones. <i>Tetrahedron Letters</i> , 1976, 17, 3845-3846.	1.4	3
122	Cotton Effects and Allylic-Homoallylic Chirality of Steroidal Olefins and Conjugated Dienes and Enones Presented in part by A. W. B. at the XXIIIrd International Congress of Pure and Applied Chemistry, Boston, Massachusetts, July 25-30, 1971.. , 1973, , 349-379.		1
123	Comparative cotton effects of steroidal 2,4-dienes and related trienes: origin of the folded conformation in levopimaric acid. <i>Challenge</i> , 1971, , 121.	0.4	8
124	Homoallylic axial chirality bond contributions to the π \rightarrow π^* cotton effects of olefins. <i>Tetrahedron Letters</i> , 1971, 12, 2493-2494.	1.4	13
125	Conformations, chiroptical and related spectral properties of enones. , 0, , 55-105.		6