

Sergio Abbate

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Enantiopure Double <i>ortho</i> -Oligophenylethynylene-Based Helical Structures with Circularly Polarized Luminescence Activity. <i>ChemPhotoChem</i> , 2022, 6, .	1.5	5
2	Circularly Polarized Luminescence of Some [2]Paracyclo[2](5,8)quinoliphane Derivatives with Planar and Central Chirality. <i>ChemPhotoChem</i> , 2022, 6, .	1.5	9
3	Helicity control of a perfluorinated carbon chain within a chiral supramolecular cage monitored by VCD. <i>Chemical Communications</i> , 2022, 58, 2152-2155.	2.2	8
4	Spectroscopic investigation on 1,2-substituted ferrocenes with only planar chirality: how chiroptical data are related to absolute configuration and to substituents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 272, 121010.	2.0	2
5	Resolution of a Configurationally Stable Hetero[4]helicene. <i>Molecules</i> , 2022, 27, 1160.	1.7	3
6	Synthesis, Stereochemical and Photophysical Properties of Functionalized Thiahelicenes. <i>Catalysts</i> , 2022, 12, 366.	1.6	5
7	MCD and Induced CD of a Tetraphenoxyperylene-Based Dye in Chiral Solvents: An Experimental and Computational Study. <i>Symmetry</i> , 2022, 14, 1108.	1.1	2
8	Vibrational and Electronic Circular Dichroism Study of Chiral Seleno Compounds Prepared from a Naphthol Based Diselenide. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	2
9	Chiral bis(benzo[1,2-b:4,3-b ²]dithiophene) atropisomers: experimental and theoretical investigations of the stereochemical and chiroptical properties. <i>New Journal of Chemistry</i> , 2021, 45, 16442-16451.	1.4	0
10	1,2-Disubstituted Planar Chiral Ferrocene Derivatives from Sulfonamide-Directed <i>ortho</i> -Lithiation: Synthesis, Absolute Configuration, and Chiroptical Properties. <i>Organometallics</i> , 2021, 40, 578-590.	1.1	14
11	MCD and MCPL Characterization of Luminescent Si(IV) and P(V) Tritolylcorroles: The Role of Coordination Number. <i>ACS Omega</i> , 2021, 6, 26659-26671.	1.6	12
12	Biliverdin chiral derivatives as chiroptical switches for pH and metal cation sensing. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 20138-20151.	1.3	8
13	Extended enantiopure <i>ortho</i> -phenylene ethylene (<i>o</i> -OPE)-based helical systems as scaffolds for supramolecular architectures: a study of chiroptical response and its connection to the CISS effect. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5071-5086.	2.3	16
14	Characterization of π -Free Base π -and Metal Complex Thioalkyl Porphyrazines by Magnetic Circular Dichroism and TDDFT Calculations. <i>Journal of Physical Chemistry B</i> , 2021, 125, 264-280.	1.2	5
15	Magnetic Circular Dichroism of Naphthalene Derivatives: A Coupled Cluster Singles and Approximate Doubles and Time-Dependent Density Functional Theory Study. <i>Journal of Physical Chemistry A</i> , 2021, 125, 243-250.	1.1	7
16	The Assignment of the Absolute Configuration of Non-Cyclic Sesquiterpenes by Vibrational and Electronic Circular Dichroism: The Example of Chiliadenus lopadusanus Metabolites. <i>Biomolecules</i> , 2021, 11, 1902.	1.8	1
17	Plasmonic Superchiral Lattice Resonances in the Mid-Infrared. <i>ACS Photonics</i> , 2020, 7, 2676-2681.	3.2	26
18	Vibrational Circular Dichroism Detects Symmetry Breaking due to Conformational Mobility in C ₂ -Symmetry Chiral Molecules and Provides Further Insight into Inter-Chromophoric Interactions. <i>Symmetry</i> , 2020, 12, 1752.	1.1	3

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19	Solvent Effects and Aggregation Phenomena Studied by Vibrational Optical Activity and Molecular Dynamics: The Case of Pantolactone. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4512-4526.	1.2	24
20	Testing the vibrational exciton and the local mode models on the instructive cases of dicarvone, dipinocarvone, and dimenthol vibrational circular dichroism spectra. <i>Chirality</i> , 2020, 32, 907-921.	1.3	5
21	Characterization of tetrakis(thiadiazole)porphyrazine metal complexes by magnetic circular dichroism and magnetic circularly polarized luminescence. <i>Chirality</i> , 2020, 32, 808-816.	1.3	16
22	Toward Fully Unsupervised Anharmonic Computations Complementing Experiment for Robust and Reliable Assignment and Interpretation of IR and VCD Spectra from Mid-IR to NIR: The Case of 2,3-Butanediol and <i>trans</i> -1,2-Cyclohexanediol. <i>Journal of Physical Chemistry A</i> , 2020, 124, 1011-1024.	1.1	26
23	Structural and Electronic Information Drawn from the Circularly Polarized Luminescence Spectra: Many Questions and Some Answers for Simple Organic Molecules, Polymers, and Molecular Aggregates. , 2020, , 219-248.		0
24	Chiral double stapled <i>ox</i> -OPEs with intense circularly polarized luminescence. <i>Chemical Communications</i> , 2019, 55, 10685-10688.	2.2	41
25	Four-Fold Alkyne Benzannulation: Synthesis, Properties, and Structure of Pyreno[<i>a</i>]pyrene-Based Helicene Hybrids. <i>Organic Letters</i> , 2019, 21, 8652-8656.	2.4	32
26	Assignment Through Chiroptical Methods of The Absolute Configuration of Fungal Dihydropyranpyran-4-5-Diones Phytotoxins, Potential Herbicides for Buffelgrass (<i>Cenchrus ciliaris</i>) Biocontrol. <i>Molecules</i> , 2019, 24, 3022.	1.7	13
27	Optically active Ag(<i>scp</i>): <i>ox</i> -OPE helicenes using a single homochiral sulfoxide as chiral inducer. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8425-8434.	1.5	8
28	Unbiased Determination of Absolute Configurations by vis- $\tilde{\nu}$ -vis Comparison of Experimental and Simulated Spectra: The Challenging Case of Diplopyrone. <i>Journal of Physical Chemistry B</i> , 2019, 123, 9230-9237.	1.2	29
29	Highly enantioselective ∞ inherently chiral ∞ electroactive materials based on a 2,2'-biindole atropisomeric scaffold. <i>Chemical Science</i> , 2019, 10, 2708-2717.	3.7	22
30	Bilirubin and its congeners: conformational analysis and chirality from metadynamics and related computational methods. <i>Monatshefte für Chemie</i> , 2019, 150, 801-812.	0.9	4
31	CF ₃ : an overlooked chromophore in VCD spectra. A review of recent applications in structural determination. <i>RSC Advances</i> , 2019, 9, 11781-11796.	1.7	7
32	Ferrocenes with simple chiral substituents: an in-depth theoretical and experimental VCD and ECD study. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9419-9432.	1.3	19
33	Evaluation of Molecular Polarizability and of Intensity Carrying Modes Contributions in Circular Dichroism Spectroscopies. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4691.	1.3	5
34	Toward a general mixed quantum/classical method for the calculation of the vibronic ECD of a flexible dye molecule with different stable conformers: Revisiting the case of 2,2,2-trifluoroanthrylethanol. <i>Chirality</i> , 2018, 30, 730-743.	1.3	10
35	Searching for Models Exhibiting High Circularly Polarized Luminescence: Electroactive Inherently Chiral Oligothiophenes. <i>Chemistry - A European Journal</i> , 2018, 24, 11082-11093.	1.7	23
36	Pyrene-Containing <i>ortho</i> -Oligo(phenylene)ethynylene Foldamer as a Ratiometric Probe Based on Circularly Polarized Luminescence. <i>Journal of Organic Chemistry</i> , 2018, 83, 4455-4463.	1.7	75

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37	Exploring potentialities and limitations of stapled <i>oligo</i> (phenyleneethynylene)s (<i>sc</i> PEs) as efficient circularly polarized luminescence emitters. <i>Chirality</i> , 2018, 30, 43-54.	1.3	6
38	Sulfoxide-Induced Homochiral Folding of <i>ortho</i> -Phenylene Ethynylenes (<i>sc</i> PEs) by Silver(I) Templating: Structure and Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 2653-2662.	1.7	38
39	On the aggregation of bilirubinoids in solution as evidenced by <i>VCD</i> and <i>ECD</i> spectroscopy and <i>DFT</i> calculations. <i>Chirality</i> , 2018, 30, 19-28.	1.3	6
40	A stereodynamic fluorescent probe for amino acids. Circular dichroism and circularly polarized luminescence analysis. <i>Chirality</i> , 2018, 30, 65-73.	1.3	19
41	OFF/ON switching of circularly polarized luminescence by oxophilic interaction of homochiral sulfoxide-containing <i>sc</i> PEs with metal cations. <i>Chemical Communications</i> , 2018, 54, 13985-13988.	2.2	53
42	Mannich-type addition of 1,3-dicarbonyl compounds to chiral <i>tert</i> -butanesulfinyltrifluoroacetaldimines. Mechanistic aspects and chiroptical studies. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8742-8750.	1.5	11
43	<i>l</i> -Stereocobalamin-HCl and <i>d</i> -Urobilin-HCl. Analysis of Their Chiroptical and Conformational Properties by <i>VCD</i> , <i>ECD</i> , and <i>CPL</i> Experiments and <i>MD</i> and <i>DFT</i> Calculations. <i>Journal of Physical Chemistry B</i> , 2018, 122, 12351-12362.	1.2	17
44	Absolute configuration assignment to anticancer <i>Amaryllidaceae</i> alkaloid jonquailine. <i>FÄ-toterapÄ-Ä</i> , 2018, 129, 78-84.	1.1	25
45	Asymmetric Synthesis of Spirooxindoles via Nucleophilic Epoxidation Promoted by Bifunctional Organocatalysts. <i>Molecules</i> , 2018, 23, 438.	1.7	8
46	Azabore[5]helicene Charge-Transfer Dyes Show Efficient and Spectrally Variable Circularly Polarized Luminescence. <i>Chemistry - A European Journal</i> , 2018, 24, 12660-12668.	1.7	71
47	Luminescent water-soluble cycloplatinated complexes: Structural, photophysical, electrochemical and chiroptical properties. <i>Inorganica Chimica Acta</i> , 2017, 461, 267-274.	1.2	17
48	Solvent-free, uncatalyzed asymmetric <i>ene</i> -reactions of <i>N</i> - <i>tert</i> -butylsulfinyl-3,3,3-trifluoroacetaldimines: a general approach to enantiomerically pure \pm -(trifluoromethyl)tryptamines. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3930-3937.	1.5	10
49	Chiral-at-Metal Phosphorescent Square-Planar Pt(II)-Complexes from an Achiral Organometallic Ligand. <i>Journal of the American Chemical Society</i> , 2017, 139, 6863-6866.	6.6	99
50	The role of chirality in a set of key intermediates of pharmaceutical interest, 3-aryl-substituted- β -butyrolactones, evidenced by chiral HPLC separation and by chiroptical spectroscopies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 144, 41-51.	1.4	28
51	Vibrational Optical Activity of BODIPY Dimers: The Role of Magnetic-Electric Coupling in Vibrational Excitons. <i>Journal of Physical Chemistry A</i> , 2017, 121, 394-400.	1.1	27
52	Circularly polarized luminescence of syndiotactic polystyrene. <i>Optical Materials</i> , 2017, 73, 595-601.	1.7	23
53	Chiral Peropyrene: Synthesis, Structure, and Properties. <i>Journal of the American Chemical Society</i> , 2017, 139, 13102-13109.	6.6	99
54	Synthesis of Intrinsically Blue-Colored <i>bis</i> -Nitronyl Nitroxide Peptidomimetic Templates and Their Conformational Preferences as Revealed by a Combined Spectroscopic Analysis. <i>Journal of Organic Chemistry</i> , 2017, 82, 10033-10042.	1.7	6

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55	Importance and Difficulties in the Use of Chiroptical Methods to Assign the Absolute Configuration of Natural Products: The Case of Phytotoxic Pyrones and Furanones Produced by <i>Diplodia corticola</i> . <i>Journal of Natural Products</i> , 2017, 80, 2406-2415.	1.5	33
56	Vibrational Circular Dichroism Unveils Chiroptical, Electrical, and Magnetic Properties of Borylated Isocyanides and Aldehydes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5262-5268.	1.2	1
57	(R)-(λ^6)-Aloesaponol III 8-Methyl Ether from <i>Eremurus persicus</i> : A Novel Compound against Leishmaniasis. <i>Molecules</i> , 2017, 22, 519.	1.7	21
58	Analytical and preparative enantioseparation and main chiroptical properties of Iridium(III) bis(4,6-difluorophenylpyridinato)picolinato. <i>Journal of Chromatography A</i> , 2016, 1467, 335-346.	1.8	30
59	Vibronic Coupling Explains the Different Shape of Electronic Circular Dichroism and of Circularly Polarized Luminescence Spectra of Hexahelicenes. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 2799-2819.	2.3	59
60	Discrimination of Axial and Central Stereogenic Elements in Chiral Bis(oxazolines) Based on Atropisomeric 3,3'-bithiophene Scaffolds Through Chiroptical Spectroscopies. <i>Chirality</i> , 2016, 28, 686-695.	1.3	7
61	Circularly Polarized Luminescence: A Review of Experimental and Theoretical Aspects. <i>Chirality</i> , 2016, 28, 696-707.	1.3	339
62	Enantiomeric 4-acylamino-6-alkoxy-2-alkylthiopyrimidines As Potential A_3 Adenosine Receptor Antagonists: HPLC Chiral Resolution and Absolute Configuration Assignment by a Full Set of Chiroptical Spectroscopy. <i>Chirality</i> , 2016, 28, 434-440.	1.3	13
63	Stapled helical o-OPE foldamers as new circularly polarized luminescence emitters based on carbophilic interactions with Ag(scp)-sensitivity. <i>Chemical Science</i> , 2016, 7, 5663-5670.	3.7	84
64	Thioflavin-T: Electronic Circular Dichroism and Circularly Polarized Luminescence Induced by Amyloid Fibrils. <i>ChemPhysChem</i> , 2016, 17, 2931-2937.	1.0	33
65	Quantum-Classical Calculation of Vibronic Spectra along a Reaction Path: The Case of the ECD of Easily Interconvertible Conformers with Opposite Chiral Responses. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4891-4897.	2.1	19
66	Chiroptical properties of the ground and excited states of two thia-bridged triarylamine heterohelicenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 138-145.	2.0	39
67	Vibrational circular dichroism and chiroptical properties of chiral Ir(scp) luminescent complexes. <i>Dalton Transactions</i> , 2016, 45, 992-999.	1.6	40
68	pH Dependent Chiroptical Properties of (1 <i>R</i> ,2 <i>R</i>)- and (1 <i>S</i> ,2 <i>S</i>)- <i>trans</i> -Cyclohexane Diesters and Diamides from VCD, ECD, and CPL Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2016, 120, 2380-2387.	1.2	21
69	The connection between robustness angles and dissymmetry factors in vibrational circular dichroism spectra. <i>Chemical Physics Letters</i> , 2015, 639, 320-325.	1.2	24
70	Vibrational Circular Dichroism (VCD) Reveals Subtle Conformational Aspects and Intermolecular Interactions in the Carnitine Family. <i>Chirality</i> , 2015, 27, 907-913.	1.3	7
71	Circularly polarized luminescence under near-UV excitation and structural elucidation of a Eu complex. <i>Chemical Communications</i> , 2015, 51, 11903-11906.	2.2	42
72	On the handedness of helical aggregates of C_3 tricarboxamides: a multichiroptical characterization. <i>Chemical Communications</i> , 2015, 51, 9781-9784.	2.2	26

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73	VCD spectroscopy as an excellent probe of chiral metal complexes containing a carbon monoxide vibrational chromophore. <i>Chemical Communications</i> , 2015, 51, 9385-9387.	2.2	10
74	Bicamphor: A Prototypic Molecular System to Investigate Vibrational Excitons. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4261-4267.	1.1	37
75	Chiroptical Phenomena in Reverse Micelles: The Case of (1 <i>R</i> ,2 <i>S</i>)- α -Dodecyl (2-hydroxy-1-methyl-2-phenylethyl)dimethylammonium Bromide (DMEB). <i>Chirality</i> , 2014, 26, 532-538.	1.3	11
76	Mode Robustness in Raman Optical Activity. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 5520-5527.	2.3	23
77	Chiroptical spectroscopic techniques based on fluorescence. <i>Methods and Applications in Fluorescence</i> , 2014, 2, 024006.	1.1	35
78	Helical Sense-Responsive and Substituent-Sensitive Features in Vibrational and Electronic Circular Dichroism, in Circularly Polarized Luminescence, and in Raman Spectra of Some Simple Optically Active Hexahelicenes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 1682-1695.	1.5	135
79	Chiroptical Signatures of Planar and Central Chirality in [2]Paracyclo[2](5,8)quinolinophane Derivatives. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7353-7363.	1.2	15
80	Structural and Optical Properties of Inherently Chiral Polythiophenes: A Combined CD-Electrochemistry, Circularly Polarized Luminescence, and TD-DFT Investigation. <i>Journal of Physical Chemistry C</i> , 2014, 118, 16019-16027.	1.5	32
81	Inherently Chiral Macrocyclic Oligothiophenes: Easily Accessible Electrosensitive Cavities with Outstanding Enantioselection Performances. <i>Chemistry - A European Journal</i> , 2014, 20, 15298-15302.	1.7	57
82	Importance of C* ¹³ C Based Modes and Large Amplitude Motion Effects in Vibrational Circular Dichroism Spectra: The Case of the Chiral Adduct of Dimethyl Fumarate and Anthracene. <i>Journal of Physical Chemistry A</i> , 2014, 118, 4339-4350.	1.1	30
83	Looking at Human Cytosolic Sialidase NEU2 Structural Features with an Interdisciplinary Approach. <i>Biochemistry</i> , 2014, 53, 5343-5355.	1.2	3
84	Inherently Chiral Macrocyclic Oligothiophenes: Easily Accessible Electrosensitive Cavities with Outstanding Enantioselection Performances. <i>Chemistry - A European Journal</i> , 2014, 20, 15261-15261.	1.7	5
85	Experimental and Calculated CPL Spectra and Related Spectroscopic Data of Camphor and Other Simple Chiral Bicyclic Ketones. <i>Chirality</i> , 2013, 25, 589-599.	1.3	72
86	Combined use of three forms of chiroptical spectroscopies in the study of the absolute configuration and conformational properties of 3-phenylcyclopentanone, 3-phenylcyclohexanone, and 3-phenylcycloheptanone. <i>Tetrahedron</i> , 2013, 69, 10752-10762.	1.0	15
87	Raman and ROA Spectra of (α)- and (+)-2-Br-Hexahelicene: Experimental and DFT Studies of a π -Conjugated Chiral System. <i>Journal of Physical Chemistry B</i> , 2013, 117, 2221-2230.	1.2	42
88	Conformational Studies of Phe-Rich Foldamers by VCD Spectroscopy and ab Initio Calculations. <i>Journal of Organic Chemistry</i> , 2012, 77, 6033-6042.	1.7	17
89	Electronic and vibrational circular dichroism spectra of (R)-(α)-apomorphine. <i>Chemical Physics</i> , 2012, 405, 197-205.	0.9	6
90	Vibrational and Electronic Circular Dichroism of Dimethyl Mesobilirubins-XIII \pm . <i>Journal of Physical Chemistry B</i> , 2012, 116, 5628-5636.	1.2	11

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91	Vibrational and electronic circular dichroism spectroscopies and DFT calculations for the assignment of the absolute configuration of hydroxy-substituted 2-tetralols. RSC Advances, 2012, 2, 10200.	1.7	8
92	Ultraviolet, Circular Dichroism, Fluorescence, and Circularly Polarized Luminescence Spectra of Regioregular Poly[3-(<i>S</i>)-2-(Methylbutyl)thiophene] in Solution. Chirality, 2012, 24, 725-730.	1.3	40
93	Investigations of methyl lactate in the presence of reverse micelles by vibrational spectroscopy and circular dichroism. Vibrational Spectroscopy, 2012, 60, 54-62.	1.2	11
94	Experimental methods for measuring optical rotatory dispersion: Survey and outlook. Chirality, 2011, 23, 711-716.	1.3	31
95	Vibrational Circular Dichroism: A Valuable Tool for Conformational Analysis and Absolute Configuration Assignment of Chiral 1-Aryl-2,2-Trifluoroethanols. ChemPhysChem, 2011, 12, 3519-3523.	1.0	10
96	Triggering dissymmetry in achiral dye molecules by chiral solvents: Circular dichroism experiments and DFT calculations. Chirality, 2011, 23, 910-915.	1.3	9
97	Electrical and mechanical anharmonicities from NIR-VCD spectra of compounds exhibiting axial and planar chirality: The cases of (1 <i>S</i>)-2,3-pentadiene and methyl- <i>d</i> ₃ -(<i>R</i>)- and (<i>S</i>)-[2.2]paracyclophane-4-carboxylate. Chirality, 2011, 23, 841-849.	1.3	8
98	Solving the Puzzling Absolute Configuration Determination of a Flexible Molecule by Vibrational and Electronic Circular Dichroism Spectroscopies and DFT Calculations: The Case Study of a Chiral 2,2-Dinitro-2,2-biaziridine. European Journal of Organic Chemistry, 2010, 2010, 6193-6199.	1.2	11
99	Evaluation of instrumental errors built in circular dichroism spectrometers. Chirality, 2010, 22, E142-8.	1.3	10
100	Revisiting with Updated Hardware an Old Spectroscopic Technique: Circularly Polarized Luminescence. Applied Spectroscopy, 2010, 64, 1416-1419.	1.2	48
101	A vibrational circular dichroism approach to the determination of the absolute configuration of flexible and transparent molecules: fluorenone ketals of 1,n-diols. Physical Chemistry Chemical Physics, 2010, 12, 4725.	1.3	12
102	Assessment of configurational and conformational properties of naringenin by vibrational circular dichroism. Chirality, 2009, 21, 436-441.	1.3	53
103	Determination of the absolute configuration of aromatase and dual aromatase-sulfatase inhibitors by vibrational and electronic circular dichroism spectra analysis. Chirality, 2009, 21, 802-808.	1.3	14
104	Experimental aspects of solid state circular dichroism. Chirality, 2009, 21, E28-36.	1.3	77
105	NIR-VCD, vibrational circular dichroism in the near-infrared: Experiments, theory and calculations. Chirality, 2009, 21, E242-52.	1.3	26
106	Calculations of overtone NIR and NIR-VCD spectra in the local mode approximation: Camphor and Camphorquinone. Vibrational Spectroscopy, 2009, 50, 257-267.	1.2	21
107	Comparative Analysis of IR and Vibrational Circular Dichroism Spectra for a Series of Camphor-Related Molecules. Journal of Physical Chemistry A, 2009, 113, 11390-11405.	1.1	37
108	Experimental and ab-initio calculated vcd spectra of the first OH-stretching overtone of (1 <i>R</i>)-(+) and (1 <i>S</i>)-(-)-endo-BORNEOL. Physical Chemistry Chemical Physics, 2009, 11, 2683.	1.3	19

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109	Experimental and calculated vibrational and electronic circular dichroism spectra of 2-Br-hexahelicene. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 9039.	1.3	31
110	Spectroscopic and Structural Investigation of the Confinement of d and l Dimethyl Tartrate in Lecithin Reverse Micelles. <i>Journal of Physical Chemistry B</i> , 2009, 113, 3024-3033.	1.2	28
111	An operative approach to correct CD spectra distortions due to absorption flattening. <i>Chirality</i> , 2008, 20, 1047-1052.	1.3	12
112	Confinement of chiral molecules in reverse micelles: FT-IR, polarimetric and VCD investigation on the state of dimethyl tartrate in sodium bis(2-ethylhexyl) sulfosuccinate reverse micelles dispersed in carbon tetrachloride. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 327, 44-50.	2.3	19
113	Chiral Aromatase and Dual Aromatase σ Steroid Sulfatase Inhibitors from the Letrozole Template: Synthesis, Absolute Configuration, and In Vitro Activity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4226-4238.	2.9	80
114	Molecular Dynamics Simulation of Aqueous Solutions of 26-Unit Segments of p(NIPAAm) and of p(NIPAAm) σ Doped σ with Amino Acid Based Comonomers. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11896-11906.	1.2	35
115	Harmonic and Anharmonic Features of IR and NIR Absorption and VCD Spectra of Chiral 4-X-[2.2]Paracyclophanes. <i>Journal of Physical Chemistry A</i> , 2007, 111, 7031-7040.	1.1	26
116	Wavelength shifts in solid-state circular dichroism spectra: A possible explanation. <i>Chirality</i> , 2007, 19, 491-496.	1.3	39
117	Absorption flattening as one cause of distortion of circular dichroism spectra of \hat{P}^{σ} -RuPhen3 \hat{A} H2TPPS complex. <i>Chirality</i> , 2007, 19, 642-646.	1.3	22
118	Study of conformational properties of a biologically active peptide of fibronectin by circular dichroism, NMR and molecular dynamics simulation. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 4668.	1.3	8
119	Fenchone, Camphor, 2-Methylenefenchone and 2-Methylenecamphor: \hat{A} A Vibrational Circular Dichroism Study. <i>Journal of Physical Chemistry A</i> , 2006, 110, 4958-4968.	1.1	41
120	Monoaza[5]helicenes. Part 2: Synthesis, characterisation and theoretical calculations. <i>Tetrahedron</i> , 2006, 62, 139-148.	1.0	66
121	Calculated absorption and vibrational circular dichroism spectra of fundamental and overtone transitions for a chiral HCCH molecular fragment in the hypothesis of coupled dipoles. <i>Chirality</i> , 2005, 17, 530-539.	1.3	6
122	Vibrational Excitons in CH-Stretching Fundamental and Overtone Vibrational Circular Dichroism Spectra. <i>Monatshefte für Chemie</i> , 2005, 136, 325-345.	0.9	9
123	Molecular dynamics simulation of a model oligomer for poly(N-isopropylamide) in water. <i>Chemical Physics Letters</i> , 2004, 386, 123-127.	1.2	46
124	Chiroptical Properties of Some Monoazapentahelicenes. <i>Journal of Physical Chemistry A</i> , 2004, 108, 11752-11761.	1.1	29
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