Jerry Ray Dias

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1327695/publications.pdf

Version: 2024-02-01

146	2,502	201674	315739
papers	citations	27 h-index	38 g-index

156	156	156	891
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessment of the Performance of the Bond Resonance Energy, Circuit Resonance Energy, Magnetic Resonance Energy, Ring Currents, and Aromaticity of Anthracene, Biphenylene, Phenalenyl, and p-Terphenyl. Journal of Physical Chemistry A, 2021, 125, 8482-8497.	2.5	5
2	Cycloparaphenylene (CPP) series are molecular models for graphene armchair edges: trends in their aromaticity and cyclic conjugation are evaluated. Molecular Physics, 2020, 118, e1666172.	1.7	2
3	Bond Resonance Energy Verification of Ïƒ-Aromaticity in Cycloalkanes. Journal of Physical Chemistry A, 2020, 124, 4549-4555.	2.5	8
4	Is Phenalenyl Aromatic?. Croatica Chemica Acta, 2020, 92, 467-471.	0.4	1
5	Teaching of chemistry before and after the periodic table. Foundations of Chemistry, 2020, 22, 99-106.	1.1	1
6	Edge Effects in Benzenoid and Total Resonant Sextet Benzenoid Hydrocarbons and Clarâ€™s Sextet Principle. Journal of Physical Chemistry A, 2019, 123, 3229-3238.	2.5	8
7	Comprehensive study of the correlations that exist among the members of the [n]cyclacene series and the MÃ¶bius[n]cyclacene series. Molecular Physics, 2018, 116, 423-448.	1.7	6
8	Practical Tight-Binding HÃ¼ckel-Like Modeling of Electronic Properties of Saturated Hydrocarbons: On Ïƒ-Aromaticity of Cyclopropane and Correlations of Alkane Ionization Energies and Enthalpies of Formation Corrected for Protobranching. Journal of Physical Chemistry A, 2018, 122, 6760-6768.	2.5	4
9	Radialenes are minimally conjugated cyclic Ï€-systems. Molecular Physics, 2017, 115, 771-783.	1.7	4
10	Systematic Construction and Calculation of Electronic Properties of Fullerene Series Related by Rotational Symmetry: From Fullerenes to Bicapped Nanotubes. Journal of Physical Chemistry A, 2016, 120, 3975-3982.	2.5	4
11	Facile calculation of HÃ¼ckel molecular orbital eigenvalues of short (n,0) nanotubes. Chemical Physics Letters, 2016, 647, 79-84.	2.6	3
12	Demonstrating a New Valence-Bond Interpretation ofÂConjugation in Polycyclic Conjugated Hydrocarbons with a Single KekulÃ© Structure. Polycyclic Aromatic Compounds, 2016, 36, 544-553.	2.6	1
13	Conjugation, number of Dewar resonance structures (DSs) in homologous polyzethrene and related conjugated polycyclic hydrocarbon series, and kinked versus straight. Molecular Physics, 2015, 113, 3389-3394.	1.7	2
14	Nonplanarity Index for Fused Benzenoid Hydrocarbons. Polycyclic Aromatic Compounds, 2014, 34, 161-176.	2.6	14
15	What Do We Know about C₂₄H₁₄Benzenoid, Fluoranthenoid, and Indacenoid Hydrocarbons?. Polycyclic Aromatic Compounds, 2014, 34, 177-190.	2.6	11
16	A Quantitative Metric for Conjugation in Polyene Hydrocarbons Having a Single Classical Structure. Journal of Physical Chemistry A, 2014, 118, 10822-10836.	2.5	13
17	Search for singlet-triplet bistability or biradicaloid properties in polycyclic conjugated hydrocarbons: a valence-bond analysis. Molecular Physics, 2013, 111, 735-751.	1.7	17
18	Investigation of oxygen-free Sonogashira step growth synthesis of mono-terminated di-tert-butyl-substituted oligo(phenylene ethynylene)s (OPEs). Tetrahedron, 2013, 69, 1105-1111.	1.9	8

#	Article	IF	Citations
19	Valence-Bond Determination of Diradical Character of Polycyclic Aromatic Hydrocarbons: From Acenes to Rectangular Benzenoids. Journal of Physical Chemistry A, 2013, 117, 4716-4725.	2.5	27
20	Correlations of the Number of Dewar Resonance Structures and Matching Polynomials for the Linear and Zigzag Polyacene Series. Croatica Chemica Acta, 2013, 86, 379-386.	0.4	4
21	Using Pauling's Expanded Bond Order Concept in Determination of Bond Lengths in Polycyclic Aromatic Compounds Having Numerous Fixed Single and Double Bonds. Polycyclic Aromatic Compounds, 2013, 33, 138-150.	2.6	1
22	Resonance Topology of Fluoranthenoid/Fluorenoid Hydrocarbons and Related Systems. Polycyclic Aromatic Compounds, 2011, 31, 48-60.	2.6	3
23	Bile Acid-Based Cage Compounds with Lipophilic Outer Shells and Inner Cavities. Organic Letters, 2011, 13, 3064-3067.	4.6	10
24	Valence-Bond Determination of Bond Lengths of Polycyclic Aromatic Hydrocarbons: Comparisons with Recent Experimental and Ab Initio Results. Journal of Physical Chemistry A, 2011, 115, 13619-13627.	2.5	9
25	Structure/formula informatics of isomeric sets of fluoranthenoid/fluorenoid and indacenoid hydrocarbons. Journal of Mathematical Chemistry, 2010, 48, 313-329.	1.5	11
26	Aromaticity and cyclic conjugation of three pairs of strongly subspectral series of conjugated molecules as models for graphene armchair and zigzag edges. Molecular Physics, 2010, 108, 3425-3429.	1.7	7
27	New General Formulations for Constant-Isomer Series of Polycyclic Benzenoids. Polycyclic Aromatic Compounds, 2010, 30, 1-8.	2.6	7
28	The polyhex/polypent topological paradigm: regularities in the isomer numbers and topological properties of select subclasses of benzenoid hydrocarbons and related systems. Chemical Society Reviews, 2010, 39, 1913.	38.1	26
29	Synthesis and comparative spectroscopic analysis of two chenodeoxycholic acid (CDCA) derivatives with closely related 7Î±-ester moieties. Tetrahedron Letters, 2009, 50, 503-505.	1.4	6
30	13C nuclear magnetic resonance data of lanosterol derivativesâ€"Profiling the steric topology of the steroid skeleton via substituent effects on its 13C NMR. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 74, 1064-1071.	3.9	4
31	Antiaromatic holes in graphene and related graphite defects. Molecular Physics, 2009, 107, 71-80.	1.7	22
32	Isomer enumeration of practical benzenoids. Journal of Mathematical Chemistry, 2008, 44, 711-724.	1.5	9
33	Resonance-theoretic calculation of the ground state spin density of the pÏ€-system of edge atoms on graphene nanodots and nanoribbons. Chemical Physics Letters, 2008, 467, 200-203.	2.6	23
34	Structure and Electronic Characteristics of Coronoid Polycyclic Aromatic Hydrocarbons as Potential Models of Graphite Layers with Hole Defects. Journal of Physical Chemistry A, 2008, 112, 12281-12292.	2.5	40
35	On the Spectacular Structural Isomorphism between C_nH_s Monoradical and C_n₊_sH_s₊₃ Diradical Benzenoid Hydrocarbons:â€‰ From Reactive Intermediates to Vacancy (Hole) Defects in Graphite. Journal of Physical Chemistry A, 2008, 112, 3260-3274.	2.5	9
36	Strain-Free Total Resonant Sextet Benzenoids and Their Antisextet Dualists and Retro-Leapfrogs. Journal of Chemical Information and Modeling, 2007, 47, 20-24.	5.4	10

#	Article	IF	Citations
37	Mathematics of Periodic Tables for Benzenoid Hydrocarbons. Journal of Chemical Information and Modeling, 2007, 47, 707-715.	5.4	9
38	Notable chenodeoxycholic acid oligomersâ€"synthesis, characterization, and 7Î±-OR steric hindrance evaluation. Tetrahedron, 2007, 63, 5030-5035.	1.9	9
39	Electronic and structural properties of biazulene, terazulene, and polyazulene isomers. Journal of Physical Organic Chemistry, 2007, 20, 395-409.	1.9	24
40	What Do We Know about C28H14and C30H14Benzenoid Hydrocarbons and Their Evolution to Related Polymer Strips?â€. Journal of Chemical Information and Modeling, 2006, 46, 788-800.	5.4	11
41	DIMERIZATION OF LITHOCHOLATE UNSATURATED ESTERS USING THE â€˜SECOND GENERATIONâ€™ GRUBBS' REAGENT. Organic Preparations and Procedures International, 2006, 38, 337-340.	1.3	2
42	PHENYL SUBSTITUTED BENZENOID HYDROCARBONSâ€"RELATIONSHIPS OF THE LEAPFROG ALGORITHM IN REGARD TO CLAR'S SEXTET RULE, STRAINâ€"FREE, AND PERIMETER TOPOLOGY CONCEPTS. Polycyclic Aromatic Compounds, 2005, 25, 113-127.	2.6	7
43	Perimeter Topology of Benzenoid Polycyclic Hydrocarbons. Journal of Chemical Information and Modeling, 2005, 45, 562-571.	5.4	33
44	A Periodic Table for Benzenoid Hydrocarbon Isomer Classes and Beyond. Australian Journal of Chemistry, 2004, 57, 1039.	0.9	5
45	The Most Stable Class of Benzenoid Hydrocarbons â€" New Topological Correlations of Strain-Free Total Resonant Sextet Benzenoids.. ChemInform, 2004, 35, no.	0.0	0
46	The Most Stable Class of Benzenoid Hydrocarbonsâ˜†New Topological Correlations of Strain-Free Total Resonant Sextet Benzenoids. Journal of Chemical Information and Computer Sciences, 2004, 44, 1210-1220.	2.8	19
47	Disjoint Molecular Orbitals in Nonalternant Conjugated Diradical Hydrocarbonsâ€. Journal of Chemical Information and Computer Sciences, 2003, 43, 1494-1501.	2.8	20
48	Valence-Bond and HÃ¼ckel Molecular Orbital Diradicalsâ€"Alternant versus Nonalternant Effects. Australian Journal of Chemistry, 2003, 56, 1225.	0.9	12
49	Constant-Isomer Benzenoid Series and a Topological Paradigm. Polycyclic Aromatic Compounds, 2002, 22, 353-357.	2.6	0
50	A Unified Structure Theory for Polycyclic Conjugated Hydrocarbons--A Review of What Every Chemist Should Know!. Polycyclic Aromatic Compounds, 2002, 22, 359-377.	2.6	4
51	Remarkable Structures of Cyclotri(deoxycholate) and Cyclotetra(24-norcholate) Acetate Esters. Journal of the American Chemical Society, 2002, 124, 4647-4652.	13.7	19
52	Resonance Topology and Related Aspects of Fluoranthenoid / Fluorenoid and Indacenoid Hydrocarbon Radicals. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2002, 57, 650-660.	1.5	3
53	Topological properties of circumcoronenes and their associated leapfrog total resonant sextet benzenoids. Computational and Theoretical Chemistry, 2002, 581, 59-69.	1.5	8
54	Correlations and topology of triangular benzenoid hydrocarbons: a comparative study of two series representing the least and most stable benzenoid hydrocarbons. Journal of Physical Organic Chemistry, 2002, 15, 94-102.	1.9	11

#	Article	IF	Citations
55	A Unified Structure Theory for Polycyclic Conjugated Hydrocarbons--A Review of What Every Chemist Should Know!. Polycyclic Aromatic Compounds, 2002, 22, 359-377.	2.6	2
56	Constant-Isomer Benzenoid Series and a Topological Paradigm. Polycyclic Aromatic Compounds, 2002, 22, 353-357.	2.6	1
57	Determining the Number of Resonance Structures in Concealed Non-KekulÃ©an Benzenoid Hydrocarbons. Journal of Chemical Information and Computer Sciences, 2001, 41, 129-133.	2.8	13
58	Further Developments in Determining the Number of Resonance Structures in Benzenoid Free Radicals: Analytical Expressions and Elementary Substructures. Journal of Chemical Information and Computer Sciences, 2001, 41, 686-691.	2.8	4
59	Number of Resonance Structures of Benzenoid Hydrocarbon Radicals. Polycyclic Aromatic Compounds, 2001, 19, 93-106.	2.6	2
60	Title is missing!. Journal of Mathematical Chemistry, 2001, 30, 429-444.	1.5	8
61	Molecular Modeling Studies of Candidate Chromophores. Polycyclic Aromatic Compounds, 2001, 19, 83-91.	2.6	0
62	13C nuclear magnetic resonance data of bile acid derivatives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2000, 56, 53-77.	3.9	33
63	Two-Dimensional Arrays in the Analysis of Trends in Series of Molecules:â€‰ Strongly Subspectral Molecular Graphs, Formula Periodic Tables, and Number of Resonance Structures. Journal of Chemical Information and Computer Sciences, 2000, 40, 810-815.	2.8	13
64	SELECTIVE PROTECTION OF THE VARIOUS HYDROXY GROUPS OF CHOLIC ACID AND DERIVATIVES. A REVIEW. Organic Preparations and Procedures International, 1999, 31, 145-166.	1.3	26
65	Toward a Unified Structure Theory of Polycyclic Conjugated Hydrocarbons - The Aufbau Principle. Polycyclic Aromatic Compounds, 1999, 14, 63-70.	2.6	4
66	Analysis of ?-electronic structures of small alternant hydrocarbons to infinitely large polymeric strips: The aufbau principle and end-group effects. International Journal of Quantum Chemistry, 1999, 74, 721-733.	2.0	9
67	Resonance structures of benzenoid conjugated radicals. Physical Chemistry Chemical Physics, 1999, 1, 5081-5086.	2.8	18
68	Directed toward the Development of a Unified Structure Theory of Polycyclic Conjugated Hydrocarbons:â€‰ The Aufbau Principle in Structure/Similarity Studies. Journal of Chemical Information and Computer Sciences, 1999, 39, 197-203.	2.8	7
69	Steroids Containing Aromatic Hydrocarbon Moieties. Polycyclic Aromatic Compounds, 1999, 14, 71-76.	2.6	3
70	The Most Stable Class of Benzenoid Hydrocarbons and Their Topological Characteristics â^' Total Resonant Sextet Benzenoids Revisited. Journal of Chemical Information and Computer Sciences, 1999, 39, 144-150.	2.8	19
71	Analysis of Ï€â€electronic structures of small alternant hydrocarbons to infinitely large polymeric strips: The aufbau principle and endâ€group effects. International Journal of Quantum Chemistry, 1999, 74, 721-733.	2.0	1
72	Cyclocholates with 12-Oxo and 7,12-Oxo Groups. European Journal of Organic Chemistry, 1998, 1998, 719-724.	2.4	18

#	Article	IF	Citations
73	Synthesis of cyclocholates and derivatives. Part II. Selective synthesis of cyclotetracholates from linear dimers. New Journal of Chemistry, 1998, 22, 579-583.	2.8	12
74	From Small Polyradical Molecules to Infinitely Large Ï€-Electronic Networks â€“ Strongly Subspectral molecular Systems. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1998, 53, 909-918.	1.5	1
75	Syntheses of Linear Dimeric and Cyclic Oligomeric Cholate Ester Derivatives. Synthesis, 1997, 1997, 425-430.	2.3	20
76	Synthesis of Cyclocholates and Derivatives. Synthetic Communications, 1997, 27, 757-776.	2.1	18
77	Strongly Subspectral Conjugated Molecular Systems. From Small Molecules to Infinitely Large Ï€-Electronic Networks. Journal of Physical Chemistry A, 1997, 101, 7167-7175.	2.5	20
78	Dimeric and Oligomeric Steroids. Chemical Reviews, 1997, 97, 283-304.	47.7	191
79	Techniques in facile calculation of molecular orbital parameters and related conceptualizationsâ€"molecular orbital functional groups. Computational and Theoretical Chemistry, 1997, 417, 49-67.	1.5	15
80	SYNTHESES OF Î±- AND Î²-DIMERS OF LITHOCHOLIC ACID ESTERS. Organic Preparations and Procedures International, 1996, 28, 203-209.	1.3	20
81	Properties and relationships of right-hand mirror-plane fragments and their eigenvectors: the concept of complementarity of molecular graphs Molecular orbital functional groups-Part 2. Molecular Physics, 1996, 88, 407-417.	1.7	29
82	Formula Periodic TablesTheir Construction and Related Symmetries. Journal of Chemical Information and Computer Sciences, 1996, 36, 361-366.	2.8	7
83	Molecular Orbital Functional Groups. 3. Subspectrality in the Eigenvalues of Linear Polyene Molecules and Related Aspects. Journal of Chemical Information and Computer Sciences, 1996, 36, 356-360.	2.8	2
84	Structural origin of specific eigenvalues in chemical graphs of planar molecules molecular orbital functional groups. Molecular Physics, 1995, 85, 1043-1060.	1.7	31
85	Directed Toward the Development of a Unified Structure Theory of Polycyclic Conjugated Hydrocarbons - From Benzenoids to Fullerenes. Polycyclic Aromatic Compounds, 1995, 5, 69-77.	2.6	2
86	Color-Forming Reactions of Benzenoid Hydrocarbons and Related Polycyclics with Concentrated Sulfuric Acid. Polycyclic Aromatic Compounds, 1995, 5, 79-86.	2.6	4
87	Indacenoid Isomers of Semibuckminsterfullerene (Buckybowl) and Their Topological Characteristics. Journal of Chemical Information and Computer Sciences, 1995, 35, 148-151.	2.8	21
88	The Formula Periodic Table for Benzenoid Hydrocarbons and the Unifying Theory of a Periodic Table Set. Polycyclic Aromatic Compounds, 1994, 4, 87-106.	2.6	15
89	Symmetry properties of the leapfrog transformation for fullerenes and benzenoids. Chemical Physics Letters, 1994, 224, 123-130.	2.6	20
90	Algorithm for generating fullerenes by circumscribing. Journal of Chemical Information and Computer Sciences, 1994, 34, 248-251.	2.8	15

#	Article	IF	Citations
91	Benzenoids to fullerenes and the circumscribing algorithm. Chemical Physics Letters, 1993, 209, 439-444.	2.6	30
92	Fullerenes to benzenoids and the leapfrog algorithm. Chemical Physics Letters, 1993, 204, 486-490.	2.6	34
93	Enumeration, theoretical properties, and other aspects of helical polycyclic aromatic hydrocarbons. Computational and Theoretical Chemistry, 1993, 284, 11-22.	1.5	7
94	Deciphering the information content of polycyclic conjugated hydrocarbon formulas - from benzenoids to fullerenes. Tetrahedron, 1993, 49, 9207-9220.	1.9	16
95	Notes on constant-isomer series. Journal of Chemical Information and Computer Sciences, 1993, 33, 117-127.	2.8	23
96	Generation of Fullerenes by Circumscribing. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1993, 48, 1009-1016.	1.5	9
97	Molecular Orbital Calculations Using Chemical Graph Theory. , 1993, , .		95
98	Decomposition of Molecules with n-Fold Symmetry. , 1993, , 29-67.		3
99	An example molecular orbital calculation using the Sachs graph method. Journal of Chemical Education, 1992, 69, 695.	2.3	13
100	Deciphering the information content of chemical formulas: chemical and structural characteristics and enumeration of indacenes. Journal of Chemical Information and Computer Sciences, 1992, 32, 203-209.	2.8	21
101	Studies in deciphering the information content of chemical formulas: a comprehensive study of fluorenes and fluoranthenes. Journal of Chemical Information and Computer Sciences, 1992, 32, 2-11.	2.8	29
102	Benzenoid isomer enumeration and a new topological paradigm. Structural Chemistry, 1992, 3, 389-398.	2.0	8
103	Chemical Applications of Graph Theory. Journal of Chemical Information and Computer Sciences, 1992, 32, 1-1.	2.8	5
104	Benzenoid series having a constant number of isomers. 3. Total resonant sextet benzenoids and their topological characteristics. Journal of Chemical Information and Modeling, 1991, 31, 89-96.	5.4	32
105	Strain-Free Total Resonant Sextet Benzenoid Hydrocarbons. Polycyclic Aromatic Compounds, 1991, 2, 195-208.	2.6	15
106	Current status of isomer enumeration of practical benzenoids. Computational and Theoretical Chemistry, 1991, 230, 155-190.	1.5	26
107	Series of fluorenoiod/fluoranthenoid hydrocarbons having a constant number of isomers. Chemical Physics Letters, 1991, 185, 10-15.	2.6	24
108	Enumeration of benzenoid series having a constant number of isomers. Chemical Physics Letters, 1991, 176, 559-562.	2.6	26

#	Article	IF	Citations
109	Constant-isomer benzenoid series and their polyradical subsets. Theoretica Chimica Acta, 1991, 81, 125-138.	0.8	17
110	The current status of isomer enumeration of useful benzenoids and a new topological paradigm. Journal of Physical Organic Chemistry, 1990, 3, 765-783.	1.9	7
111	Constant-isomer benzenoid series and their topological characteristics. Theoretica Chimica Acta, 1990, 77, 143-162.	0.8	36
112	A formula periodic table for benzenoid hydrocarbons and the aufbau and excised internal structure concepts in benzenoid enumerations. Journal of Mathematical Chemistry, 1990, 4, 17-29.	1.5	27
113	A theoretical study of ?-hydrocarbon-iron tricarbonyl complexes. Journal of Mathematical Chemistry, 1990, 4, 127-142.	1.5	7
114	A comprehensive study of isoskeletal analogs of dibenzo[a,c]anthracene. Monatshefte FÃ¼r Chemie, 1990, 121, 13-30.	1.8	10
115	Benzenoid series having a constant number of isomers. Journal of Chemical Information and Computer Sciences, 1990, 30, 61-64.	2.8	40
116	Benzenoid series having a constant number of isomers. 2. Topological characteristics of strictly pericondensed constant-isomer benzenoid series. Journal of Chemical Information and Modeling, 1990, 30, 251-256.	5.4	26
117	A theoretical study of C60 benzenoids. Computational and Theoretical Chemistry, 1989, 185, 57-81.	1.5	28
118	Study of the origin of subspectrality in molecular graphs. Theoretica Chimica Acta, 1989, 76, 153-171.	0.8	14
119	A facile Huckel molecular orbital solution of Buckminsterfullerene using chemical graph theory. Journal of Chemical Education, 1989, 66, 1012.	2.3	43
120	Note on Algebraic Structure Count. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1989, 44, 761-762.	1.5	1
121	A Formula Periodic Table for Benzenoid Hydrocarbons and the Aufbau and Excised Internal Structure Concepts in Benzenoid Enumerations. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1989, 44, 765-772.	1.5	15
122	Characteristic polynomials and eigenvalues of molecular graphs with a greater than twofold axis of symmetry. Computational and Theoretical Chemistry, 1988, 165, 125-148.	1.5	30
123	A periodic table for polycyclic aromatic hydrocarbons. Computational and Theoretical Chemistry, 1987, 149, 213-241.	1.5	33
124	Facile calculations of select eigenvalues and the characteristic polynomial of small molecular graphs containing heteroatoms. Canadian Journal of Chemistry, 1987, 65, 734-739.	1.1	23
125	Facile calculations of the characteristic polynomial and Ï€-energy levels of molecules using chemical graph theory. Journal of Chemical Education, 1987, 64, 213.	2.3	28
126	Total resonant sextet benzenoid hydrocarbon isomers and their molecular orbital and thermodynamic characteristics. Thermochimica Acta, 1987, 122, 313-337.	2.7	29

#	Article	IF	Citations
127	A periodic table for polycyclic aromatic hydrocarbons. Computational and Theoretical Chemistry, 1986, 137, 9-29.	1.5	43
128	Properties and derivation of the fourth and sixth coefficients of the characteristic polynomial of molecular graphs?New graphical invariants. Theoretica Chimica Acta, 1985, 68, 107-123.	0.8	34
129	A periodic table for polycyclic aromatic hydrocarbons. Accounts of Chemical Research, 1985, 18, 241-248.	15.6	70
130	A Periodic Table for Polycyclic Aromatic Hydrocarbons. Part V. 1-Factorable, 2-Factorable, and Dewar Graph Structures Associated with Benzenoid Hydrocarbons. Journal of Macromolecular Science Part A, Chemistry, 1985, 22, 335-360.	0.3	15
131	Enumeration of graphite carbon-bond-network defects having ring sizes ranging from 3 to 9. Carbon, 1984, 22, 107-114.	10.3	19
132	Isomer enumeration of nonradical strictly peri-condensed polycyclic aromatic hydrocarbons. Canadian Journal of Chemistry, 1984, 62, 2914-2922.	1.1	50
133	A periodic table for polycyclic aromatic hydrocarbons. IV. Isomer enumeration of polycyclic conjugated hydrocarbons. 2. Journal of Chemical Information and Computer Sciences, 1984, 24, 124-135.	2.8	66
134	Periodic table for polycyclic aromatic hydrocarbons. 2. Polycyclic aromatic hydrocarbons containing tetragonal, pentagonal, heptagonal, and octagonal rings. Journal of Chemical Information and Computer Sciences, 1982, 22, 139-152.	2.8	28
135	A periodic table for polycyclic aromatic hydrocarbons. Isomer enumeration of fused polycyclic aromatic hydrocarbons. Part I. Journal of Chemical Information and Computer Sciences, 1982, 22, 15-22.	2.8	79
136	Mass spectral fragmentation of metal dithiocarbamate complex salts. Organic Mass Spectrometry, 1981, 16, 12-16.	1.3	8
137	Mass Spectral Fragmentation of Unsymmetrical Diesters of Malonic Acid and Succinic Acids. Spectroscopy Letters, 1980, 13, 555-566.	1.0	1
138	SYNTHESIS OF A 3Î±,12Î²-DIMETHOXY-11-KETO DERIVATIVE OF CHOLIC ACID. Organic Preparations and Procedures International, 1979, 11, 287-292.	1.3	3
139	Studies directed toward synthesis of quassinoids. VIâ€"mass spectral fragmentation of D-ring seco esters and Î´-lactone derivatives of cholic acid. Organic Mass Spectrometry, 1978, 13, 307-314.	1.3	5
140	Mass spectra of bile acid methyl ester acetate derivatives. Organic Mass Spectrometry, 1978, 13, 402-409.	1.3	10
141	Studies Directed toward Synthesis of Quassinoids. III. Selective Hydrolysis of the 3Î±-Acetate Functional Group of Cholic Acid Derivatives. Synthetic Communications, 1977, 7, 293-297.	2.1	16
142	Synthesis of quassinoids. 5. Conversion of D-ring seco derivatives of cholic acid to .delta.-lactones. Journal of Organic Chemistry, 1977, 42, 3584-3588.	3.2	9
143	Studies directed toward synthesis of quassinoids. 2. D-ring cleavage of cholic acid derivatives. Journal of Organic Chemistry, 1977, 42, 1613-1616.	3.2	7
144	STUDIES DIRECTED TOWARD SYNTHESIS OF QUASSINOIDS - IV. D-RING CLEAVAGE OF CHOLIC ACID DERIVATIVES - 2. Organic Preparations and Procedures International, 1977, 9, 109-115.	1.3	6

#	Article	IF	Citations
145	Mass spectral fragmentation of functionalized lanostanes-I. Organic Mass Spectrometry, 1976, 11, 333-346.	1.3	4
146	Mass spectrometry in structural and stereochemical problemsâ€”CCXVI: Anomalous cleavage ions in bifunctional compounds resulting from participative interaction. Organic Mass Spectrometry, 1972, 6, 385-406.	1.3	25