

Lars Carlsen

List of Publications by Year in descending order

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136
papers

2,773
citations

186265

28
h-index

243625

44
g-index

142
all docs

142
docs citations

142
times ranked

1796
citing authors

#	ARTICLE	IF	CITATIONS
1	The 17 United Nations™ sustainable development goals: a status by 2020. <i>International Journal of Sustainable Development and World Ecology</i> , 2022, 29, 219-229.	5.9	47
2	Uncertainty in Weights for Composite Indicators Generated by Weighted Sums. , 2021, , 45-62.		2
3	Responsible consumption and production in the European Union. A partial order analysis of Eurostat SDG 12 data. <i>Green Finance</i> , 2021, 3, 28-45.	6.2	8
4	A Study to Generate a Weak Order from a Partially Ordered Set, Taken Biomonitoring Measurements. , 2021, , 63-82.		0
5	There Is No Such Thing as a Free Lunch! Who Is Paying for Our Happiness?. , 2021, , 205-218.		0
6	Gender Equality in Europe: The Development of the Sustainable Development Goal No. 5 Illustrated by Exemplary Cases. <i>Social Indicators Research</i> , 2021, 158, 1127.	2.7	5
7	Inequalities in the European Union™A Partial Order Analysis of the Main Indicators. <i>Sustainability</i> , 2021, 13, 6278.	3.2	3
8	Looking for Alternatives? Split-Shots as an Exemplary Case. , 2021, , 153-164.		0
9	Rating Potential Land Use Taking Ecosystem Service into Account™How to Manage Trade-Offs. <i>Standards</i> , 2021, 1, 79-89.	1.4	3
10	Decent Work and Economic Growth in the European Union. A partial order analysis of Eurostat SDG 8 data. <i>Green Finance</i> , 2021, 3, 483-494.	6.2	7
11	Environmental perception in 33 European countries: an analysis based on partial order. <i>Environment, Development and Sustainability</i> , 2020, 22, 1873-1896.	5.0	13
12	How Happy Are we Actually? A Posetic Analysis of the World Happiness Index 2016™2019 Denmark as an Exemplary Case. <i>International Journal of Community Well-Being</i> , 2020, 3, 311-322.	1.3	4
13	Gender inequality and development. <i>Sustainability Science</i> , 2020, 15, 759-780.	4.9	13
14	Partial Order in Environmental Chemistry. <i>Current Computer-Aided Drug Design</i> , 2020, 16, 257-269.	1.2	1
15	Stakeholders™ Opinions: Food Sustainability as an Exemplary Case. <i>Social Indicators Research</i> , 2019, 157, 43.	2.7	4
16	After Salisbury Nerve Agents Revisited. <i>Molecular Informatics</i> , 2019, 38, e1800106.	2.5	31
17	Happiness as a sustainability factor. The world happiness index: a posetic-based data analysis. <i>Sustainability Science</i> , 2018, 13, 549-571.	4.9	25
18	Use of partial order in environmental pollution studies demonstrated by urban BTEX air pollution in 20 major cities worldwide. <i>Science of the Total Environment</i> , 2018, 610-611, 234-243.	8.0	40

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19	Assessing and Grouping Chemicals Applying Partial Ordering Alkyl Anilines as an Illustrative Example. Combinatorial Chemistry and High Throughput Screening, 2018, 21, 349-357.	1.1	1
20	An Alternative View on Distribution Keys for the Possible Relocation of Refugees in the European Union. Social Indicators Research, 2017, 130, 1147-1163.	2.7	12
21	Fragile State Index: Trends and Developments. A Partial Order Data Analysis. Social Indicators Research, 2017, 133, 1-14.	2.7	41
22	Partial Ordering and Metrology Analyzing Analytical Performance. , 2017, , 49-70.		6
23	Peculiarities in Multidimensional Regional Poverty. , 2017, , 121-133.		5
24	A posetic based assessment of atmospheric VOCs. AIMS Environmental Science, 2017, 4, 403-416.	1.4	2
25	Distribution and risk assessment of selected organochlorine pesticides in Kyzyl Kairat village from Kazakhstan. Environmental Monitoring and Assessment, 2016, 188, 358.	2.7	16
26	On the influence of data noise and uncertainty on ordering of objects, described by a multiâ€”indicator system. A set of pesticides as an exemplary case. Journal of Chemometrics, 2016, 30, 22-29.	1.3	5
27	A partial-order-based approach for assessing multiple risks. Toxicological and Environmental Chemistry, 2016, , 1-16.	1.2	1
28	Simple and accurate quantification of BTEX in ambient air by SPME and GCâ€”MS. Talanta, 2016, 154, 46-52.	5.5	61
29	A multidimensional view on poverty in the European Union by partial order theory. Journal of Applied Statistics, 2015, 42, 535-554.	1.3	31
30	Incomparable: what now II? Absorption of incomparabilities by a cluster method. Quality and Quantity, 2015, 49, 1633-1645.	3.7	14
31	Evaluation of analytical performance based on partial order methodology. Talanta, 2015, 132, 285-293.	5.5	15
32	Data analyses by partial order methodology. Chemical Bulletin of Kazakh National University, 2015, , 21-33.	0.1	4
33	Partial ordering as decision support to evaluate remediation technologies. AIMS Environmental Science, 2015, 2, 110-121.	1.4	4
34	How synergistic or antagonistic effects may influence the mutual hazard ranking of chemicals. AIMS Environmental Science, 2015, 2, 241-252.	1.4	1
35	Indicator Analyses: What Is Importantâ€”and for What?. , 2014, , 359-387.		6
36	The â€”Failed State Indexâ€” Offers More than Just a Simple Ranking. Social Indicators Research, 2014, 115, 525-530.	2.7	26

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37	Partial order methodology: a valuable tool in chemometrics. <i>Journal of Chemometrics</i> , 2014, 28, 226-234.	1.3	17
38	PyHasse Software for Partial Order Analysis: Scientific Background and Description of Selected Modules. , 2014, , 389-423.		43
39	On the ranking of chemicals based on their PBT characteristics: Comparison of different ranking methodologies using selected POPs as an illustrative example. <i>Chemosphere</i> , 2013, 90, 112-117.	8.2	19
40	Application of selected partial order tools to analyze fate and toxicity indicators of environmentally hazardous chemicals. <i>Ecological Indicators</i> , 2013, 29, 191-202.	6.3	12
41	An Analysis of the "Failed States Index"™ by Partial Order Methodology. <i>Journal of Social Structure</i> , 2013, 14, 1-31.	1.3	13
42	Multi-criteria decision analyses. Viewing MCDA in terms of both process and aggregation methods: Some thoughts, motivated by the paper of Huang, Keisler and Linkov. <i>Science of the Total Environment</i> , 2012, 425, 293-295.	8.0	30
43	Transformation products of 1,1-dimethylhydrazine and their distribution in soils of fall places of rocket carriers in Central Kazakhstan. <i>Science of the Total Environment</i> , 2012, 427-428, 78-85.	8.0	54
44	GC-MS and GC-NPD Determination of Formaldehyde Dimethylhydrazone in Water Using SPME. <i>Chromatographia</i> , 2011, 73, 123-128.	1.3	29
45	Screening of transformation products in soils contaminated with unsymmetrical dimethylhydrazine using headspace SPME and GC-MS. <i>Analytica Chimica Acta</i> , 2010, 674, 32-39.	5.4	69
46	Fate Modelling of DEHP in Roskilde Fjord, Denmark. <i>Environmental Modeling and Assessment</i> , 2009, 14, 209-220.	2.2	9
47	A QSAR/QSTR study on the human health impact of the rocket fuel 1,1-dimethyl hydrazine and its transformation products. <i>Environmental Toxicology and Pharmacology</i> , 2009, 27, 415-423.	4.0	67
48	Assessment of the mutagenic effect of 1,1-dimethyl hydrazine. <i>Environmental Toxicology and Pharmacology</i> , 2009, 28, 448-452.	4.0	30
49	The Interplay between QSAR/QSPR Studies and Partial Order Ranking and Formal Concept Analyses. <i>International Journal of Molecular Sciences</i> , 2009, 10, 1628-1657.	4.1	14
50	Accumulating partial order ranking. <i>Environmental Modelling and Software</i> , 2008, 23, 986-993.	4.5	11
51	GC-MS Determination of 1-Methyl-1H-1,2,4-triazole in Soils Affected by Rocket Fuel Spills in Central Kazakhstan. <i>Chromatographia</i> , 2008, 67, 421-424.	1.3	31
52	Hierarchical partial order ranking. <i>Environmental Pollution</i> , 2008, 155, 247-253.	7.5	26
53	Assessment of Chemicals Applying Partial Order Ranking Techniques. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2008, 11, 794-805.	1.1	3
54	A QSAR/QSTR Study on the Environmental Health Impact by the Rocket Fuel 1,1-Dimethyl Hydrazine and its Transformation Products. <i>Environmental Health Insights</i> , 2008, 1, EHI.S889.	1.7	35

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55	A preliminary assessment of the potential environmental and human health impact of unsymmetrical dimethylhydrazine as a result of space activities. <i>Chemosphere</i> , 2007, 67, 1108-1116.	8.2	74
56	Chemicals regulation and precaution: does REACH really incorporate the precautionary principle. <i>Environmental Science and Policy</i> , 2007, 10, 395-404.	4.9	52
57	Environmental and Health Monitoring in Relation to the Demolition of the Former CWPF at JSC Khimprom, Novocheboksarsk, Russia. , 2006, , 173-197.		2
58	A combined QSAR and partial order ranking approach to risk assessment. SAR and QSAR in <i>Environmental Research</i> , 2006, 17, 133-146.	2.2	18
59	Interpolation Schemes in QSAR. , 2006, , 163-179.		2
60	Introduction to partial order theory exemplified by the Evaluation of Sampling Sites. , 2006, , 61-110.		20
61	Prioritizing PBT Substances. , 2006, , 153-160.		1
62	Giving Molecules an Identity. On the Interplay Between QSARs and Partial Order Ranking. <i>Molecules</i> , 2004, 9, 1010-1018.	3.8	11
63	Estimation of Averaged Ranks by a Local Partial Order Model#. <i>Journal of Chemical Information and Computer Sciences</i> , 2004, 44, 618-625.	2.8	100
64	Analysis of monitoring data of pesticide residues in surface waters using partial order ranking theory. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 661-670.	4.3	24
65	QSARs for Prioritizing PBT Substances to Promote Pollution Prevention. <i>QSAR and Combinatorial Science</i> , 2003, 22, 49-57.	1.4	27
66	Improving Opportunities for Regulatory Acceptance of QSARs: The Importance of Model Domain, Uncertainty, Validity and Predictability. <i>QSAR and Combinatorial Science</i> , 2003, 22, 346-350.	1.4	38
67	Phthalates, nonylphenols and LAS in an alternately operated wastewater treatment plant—fate modelling based on measured concentrations in wastewater and sludge. <i>Water Research</i> , 2003, 37, 1288-1295.	11.3	125
68	Analysis of monitoring data of pesticide residues in surface waters using partial order ranking theory. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 661-70.	4.3	2
69	QSAR's based on partial order ranking. SAR and QSAR in <i>Environmental Research</i> , 2002, 13, 153-165.	2.2	24
70	A Comparison of Partial Order Technique with Three Methods of Multi-Criteria Analysis for Ranking of Chemical Substances. <i>Journal of Chemical Information and Computer Sciences</i> , 2002, 42, 1086-1098.	2.8	71
71	Improving the Predicting Power of Partial Order Based QSARs through Linear Extensions. <i>Journal of Chemical Information and Computer Sciences</i> , 2002, 42, 806-811.	2.8	10
72	Comparison of the combined monitoring-based and modelling-based priority setting scheme with partial order theory and random linear extensions for ranking of chemical substances. <i>Chemosphere</i> , 2002, 49, 637-649.	8.2	30

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73	Linear alkylbenzene sulfonates (LAS) in the terrestrial environment. <i>Science of the Total Environment</i> , 2002, 290, 225-230.	8.0	38
74	Phthalates and nonylphenols in profiles of differently dressed soils. <i>Science of the Total Environment</i> , 2002, 296, 105-116.	8.0	168
75	Partial order ranking-based QSARs: estimation of solubilities and octanol-water partitioning. <i>Chemosphere</i> , 2001, 43, 295-302.	8.2	32
76	Solubility of nonylphenol and nonylphenol ethoxylates. On the possible role of micelles. <i>Chemosphere</i> , 2001, 44, 759-763.	8.2	58
77	The influence on partial order ranking from input parameter uncertainty. <i>Chemosphere</i> , 2000, 41, 595-601.	8.2	34
78	Geographical classification of amber based on pyrolysis- and infra-red spectroscopy data. <i>Journal of Analytical and Applied Pyrolysis</i> , 1997, 43, 71-81.	5.5	24
79	The C ₂ H ₃ O ⁺ chemi-ion. Acetyl cation or O-protonated ketene?. <i>Chemical Physics Letters</i> , 1995, 236, 78-82.	2.6	9
80	Flash pyrolysis of coals. Temperature-dependent product distribution. <i>Journal of Analytical and Applied Pyrolysis</i> , 1995, 32, 51-63.	5.5	31
81	Flash pyrolysis of coals A new approach of classification. <i>Journal of Analytical and Applied Pyrolysis</i> , 1995, 35, 77-91.	5.5	22
82	Protonated nitrosamide. An intermediate in a possible ionic DeNox process. <i>Chemical Physics Letters</i> , 1994, 227, 33-38.	2.6	8
83	Radioactive labelling and characterisation of humic materials. <i>Environment International</i> , 1994, 20, 127-134.	10.0	9
84	Protonated carbamic acid. Collisional activation and unimolecular dissociation of CH ₄ NO + 2. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1994, 90, 941.	1.7	2
85	Mechanistic aspects of ionic reactions in flames. <i>Journal of Analytical and Applied Pyrolysis</i> , 1993, 25, 361-370.	5.5	5
86	Solid state pyrolyses. <i>Journal of Analytical and Applied Pyrolysis</i> , 1993, 26, 115-125.	5.5	3
87	Flash pyrolysis of coal sub-structures. A mechanistic and kinetic evaluation. <i>Journal of Analytical and Applied Pyrolysis</i> , 1993, 25, 229-242.	5.5	2
88	Flash pyrolysis of coal sub-structures adsorbed on a carbosieve. <i>Journal of Analytical and Applied Pyrolysis</i> , 1993, 24, 311-323.	5.5	5
89	Enzymatically mediated formation of chlorinated humic acids. <i>Organic Geochemistry</i> , 1992, 18, 477-480.	1.8	16
90	Analysis of antioxidants in polymer material by a strategy employing tandem mass spectrometry and liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 1992, 11, 164-168.	11.4	11

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91	Flocculation behaviour of humic substances in the presence of cations: Consequences on the migration behaviour of actinides in the geosphere. <i>Waste Management</i> , 1992, 12, 1-6.	7.4	7
92	Hypohalous acidium ions. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1992, 113, 233-240.	1.8	6
93	Cationic and neutral nitrosamide: viable molecules in the dilute gas phase. <i>Chemical Physics Letters</i> , 1992, 199, 643-647.	2.6	13
94	The isomerizations of ethyl carbamate radical cations. <i>Organic Mass Spectrometry</i> , 1992, 27, 535-536.	1.3	4
95	Solid state pyrolyses Part 2: Solid state kinetics studied by pyrolysis-gas chromatography. <i>Journal of Analytical and Applied Pyrolysis</i> , 1991, 19, 15-27.	5.5	5
96	Gas-Phase Thermolysis, 14. On the Isomerization of Dimethyl Carbonate and Its Mono-, Di-, and Trithio Analogs. <i>Chemische Berichte</i> , 1991, 124, 1265-1270.	0.2	8
97	On the existence of two distinguishable isomers of CS ₃ : carbon trisulfide and carbon disulfide S-sulfide. <i>Journal of the American Chemical Society</i> , 1990, 112, 3750-3754.	13.7	31
98	The influence of complexation on radionuclide migration: A theoretical study. <i>Waste Management</i> , 1989, 9, 165-169.	7.4	4
99	Isomerization of the nitroethylene radical cation ¹ . <i>Organic Mass Spectrometry</i> , 1989, 24, 1031-1032.	1.3	7
100	An approach to solid state kinetics. <i>Journal of Analytical and Applied Pyrolysis</i> , 1989, 15, 373-381.	5.5	4
101	Unimolecular decomposition of the methyl nitrite radical cation. On the possible operation of quantum-mechanical tunneling. <i>Chemical Physics Letters</i> , 1988, 147, 30-32.	2.6	9
102	Experimental evidence for the gaseous HSO ₃ radical. The key intermediate in the oxidation of SO ₂ in the atmosphere. <i>Chemical Physics Letters</i> , 1988, 148, 537-540.	2.6	26
103	Isomerization of the dimethyl sulfoxide radical cation and the possible analogies to the neutral species. <i>Journal of the American Chemical Society</i> , 1988, 110, 6701-6705.	13.7	22
104	Synthesis of 5-amino[carboxyl- ¹⁴ C]salicylic acid. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1987, 24, 1393-1395.	1.0	0
105	Gas-phase Pyrolysis of Methyl Dimethylcarbamate and the Corresponding Mono- and Dithio Analogs. <i>Chemische Berichte</i> , 1987, 120, 987-990.	0.2	7
106	Techniques in gas-phase thermolyses. <i>Journal of Analytical and Applied Pyrolysis</i> , 1987, 11, 25-38.	5.5	3
107	Techniques in gas-phase thermolyses. <i>Journal of Analytical and Applied Pyrolysis</i> , 1986, 10, 83-87.	5.5	4
108	Triphenyl phosphate allergy from spectacle frames. <i>Contact Dermatitis</i> , 1986, 15, 274-277.	1.4	40

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109	Contact sensitivity and bioavailability of chlorocresol. <i>Contact Dermatitis</i> , 1985, 13, 246-251.	1.4	16
110	Techniques in gas-phase thermolyses. <i>Journal of Analytical and Applied Pyrolysis</i> , 1985, 8, 3-14.	5.5	4
111	Techniques in gas-phase thermolyses. <i>Journal of Analytical and Applied Pyrolysis</i> , 1984, 7, 1-13.	5.5	9
112	Thermal Decomposition of 1,2-Oxathiolane in the Gas Phase. <i>Chemische Berichte</i> , 1984, 117, 1393-1399.	0.2	7
113	Oxathiiranes. 9. An ab initio CASSCF study of the photolytic formation and decomposition of oxathiirane. <i>Journal of the American Chemical Society</i> , 1984, 106, 1557-1561.	13.7	29
114	Unimolecular gas-phase thermolysis of ethyl acetate. <i>International Journal of Mass Spectrometry and Ion Physics</i> , 1983, 47, 55-58.	1.3	5
115	Techniques in gas-phase thermolyses. <i>Journal of Analytical and Applied Pyrolysis</i> , 1983, 5, 1-7.	5.5	16
116	Techniques in gas-phase thermolyses. <i>Journal of Analytical and Applied Pyrolysis</i> , 1983, 5, 257-259.	5.5	4
117	Electron impact induced reactions of ethyl acetate and its sulphur analogues. <i>International Journal of Mass Spectrometry and Ion Physics</i> , 1983, 47, 359-362.	1.3	1
118	$R^{12}CSO_x$ Structures in the Conversion of Thiocarbonyl Compounds Into the Corresponding Oxo Derivatives. <i>Sulfur Reports</i> , 1983, 3, 217-247.	0.4	3
119	.beta.-Thioxo ketones. 8. X-ray photoelectron-spectroscopic study of the enol-enethiol tautomerism of thioacetylacetone and related .beta.-thioxo ketones. <i>Journal of the American Chemical Society</i> , 1982, 104, 5922-5926.	13.7	20
120	On the OCS ₂ Singlet potential energy surface. <i>Journal of Computational Chemistry</i> , 1982, 3, 23-27.	3.3	6
121	Techniques in gas phase thermolyses. <i>Journal of Analytical and Applied Pyrolysis</i> , 1982, 4, 33-46.	5.5	17
122	¹³¹ I-Labelled N-isopropyl-p-iodoamphetamine. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1982, 7, 280-1.	2.1	20
123	The electronic structure of .beta.-thioxoketones. A photoelectron spectroscopic study of the enol-enethiol tautomerism of thioacetylacetone and related compounds. <i>Journal of the American Chemical Society</i> , 1981, 103, 1350-1353.	13.7	26
124	Carbonyl sulfides as possible intermediates in the photolysis of oxathiiranes. <i>Tetrahedron</i> , 1981, 37, 1257-1262.	1.9	14
125	An effective approach to flash vacuum thermolytic studies. <i>Thermochimica Acta</i> , 1980, 38, 47-58.	2.7	26
126	Remarks on the evaluation of non-isothermal kinetic results. <i>Thermochimica Acta</i> , 1979, 33, 387-389.	2.7	24

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127	Purification of acetonitrile. <i>Analytical Chemistry</i> , 1979, 51, 1593-1595.	6.5	26
128	Thermal decomposition of 1,2,3,4-thiatrazoles. On the question of thioacyl azide and thioacyl nitrene intermediates. <i>Journal of Organic Chemistry</i> , 1978, 43, 4816-4822.	3.2	15
129	Conjugative effects on the enol-enethiol tautomerism of .beta.-thioxoketones. <i>Journal of the American Chemical Society</i> , 1978, 100, 281-282.	13.7	23
130	Organo-sulfur mechanisms. 8. Oxathiiranes. 4. Sulfene and the 1CH2/SO2 potential energy surface. <i>Journal of Organic Chemistry</i> , 1978, 43, 2216-2224.	3.2	20
131	Lone pair-lone pair interactions in unsymmetrical systems: RSSR vs. RSOR. <i>Journal of the American Chemical Society</i> , 1977, 99, 2931-2942.	13.7	87
132	On the possible intermediates in the ozonolysis of thiocarbonyl compounds. <i>Tetrahedron Letters</i> , 1977, 18, 4103-4106.	1.4	11
133	Perturbed pericyclic reactions: the retrocycloaddition of \hat{I}^2 -sultines.. <i>Tetrahedron Letters</i> , 1977, 18, 2045-2048.	1.4	12
134	Action of oxygen on thiobenzophenone in the dark. <i>Journal of Organic Chemistry</i> , 1976, 41, 2971-2973.	3.2	14
135	Attempt to test impact values for multi-indicator systemsâ€™ exemplified by gender equality. <i>Quality and Quantity</i> , 0, , 1.	3.7	3
136	Factors determining the degree of gender equality within the European Union. <i>Quality and Quantity</i> , 0, , .	3.7	0