

Clemens Schwarzingger

List of Publications by Year in descending order

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62
papers

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citations

331259

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500791

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64
all docs

64
docs citations

64
times ranked

1672
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-Hyperglycemic Effects of Oils and Extracts Derived from Sea Buckthorn – A Comprehensive Analysis Utilizing <i>In-Vitro</i> and <i>In-Vivo</i> Models. <i>Molecular Nutrition and Food Research</i> , 2022, , 2101133.	1.5	3
2	Quick determination of erucic acid in mustard oils and seeds. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022, 164, 105523.	2.6	4
3	Aqueous extracts of lingonberry and blackberry leaves identified by high-content screening beneficially act on cholesterol metabolism. <i>Food and Function</i> , 2021, 12, 10432-10442.	2.1	7
4	Rapid Online Solid-State Battery Diagnostics with Optically Pumped Magnetometers. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7864.	1.3	9
5	Chemometric Modeling of Trace Element Data for Origin Determination of Demantoid Garnets. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 1046.	0.8	4
6	Semiquantitative Approach for Polyester Characterization Using Matrix-Assisted Laser Desorption Ionization/Time-of-Flight Mass Spectrometry Approved by ¹ H NMR. <i>Analytical Chemistry</i> , 2020, 92, 15221-15228.	3.2	6
7	Ginseng Extract Ameliorates the Negative Physiological Effects of Heat Stress by Supporting Heat Shock Response and Improving Intestinal Barrier Integrity: Evidence from Studies with Heat-Stressed Caco-2 Cells, <i>C. elegans</i> and Growing Broilers. <i>Molecules</i> , 2020, 25, 835.	1.7	29
8	Increased Cellular Uptake of Polyunsaturated Fatty Acids and Phytosterols from Natural Micellar Oil. <i>Nutrients</i> , 2020, 12, 150.	1.7	8
9	Pyrolytic Recycling of Carbon Fibers from Prepregs and Their Use in Polyamide Composites. <i>Open Journal of Composite Materials</i> , 2020, 10, 92-105.	0.4	10
10	Hypolipidemic effects of herbal extracts by reduction of adipocyte differentiation, intracellular neutral lipid content, lipolysis, fatty acid exchange and lipid droplet motility. <i>Scientific Reports</i> , 2019, 9, 10492.	1.6	13
11	Guava (<i>Psidium guajava</i>) Fruit Extract Prepared by Supercritical CO ₂ Extraction Inhibits Intestinal Glucose Resorption in a Double-Blind, Randomized Clinical Study. <i>Nutrients</i> , 2019, 11, 1512.	1.7	22
12	Determination of demantoid garnet origin by chemical fingerprinting. <i>Monatshefte für Chemie</i> , 2019, 150, 907-912.	0.9	4
13	Characterization of storage stability of resol resin solutions via gel time measurement and high-performance liquid chromatography. <i>International Journal of Polymer Analysis and Characterization</i> , 2019, 24, 114-120.	0.9	2
14	In Vitro and In Vivo Inhibition of Intestinal Glucose Transport by Guava (<i>Psidium Guajava</i>) Extracts. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1701012.	1.5	27
15	Suppressing Effect of 2-Nitrobenzaldehyde on Singlet Oxygen Generation, Fatty Acid Photooxidation, and Dye-Sensitizer Degradation. <i>Antioxidants</i> , 2018, 7, 194.	2.2	5
16	Edible Insects and Other Chitin-Bearing Foods in Ethnic Peru: Accessibility, Nutritional Acceptance, and Food-Security Implications. <i>Journal of Ethnobiology</i> , 2018, 38, 424.	0.8	5
17	Investigation of turquoise imitations and treatment with analytical pyrolysis and infrared spectroscopy. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 125, 24-31.	2.6	3
18	Anderson's Localization and the Mott's "Ioffe" Regel Limit in Glassy Metallic PEDOT. <i>Advanced Electronic Materials</i> , 2017, 3, 1700050.	2.6	34

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19	Screening of the homopolymerization and copolymerization of vinylmelamines. <i>European Polymer Journal</i> , 2016, 79, 97-108.	2.6	1
20	<i>N</i> -Methylmelamines: Synthesis, Characterization, and Physical Properties. <i>Journal of Organic Chemistry</i> , 2016, 81, 4066-4075.	1.7	17
21	Improved analysis of ultra-high molecular mass polystyrenes in matrix-assisted laser desorption/ionization time-of-flight mass spectrometry using DCTB matrix and caesium salts. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1039-1046.	0.7	14
22	Analytical pyrolysis in the determination of the aging of polyethylene. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 113, 315-322.	2.6	11
23	Nanocontact printing stamp material via bi-functionalization of polyhedral oligomeric silsesquioxanes. <i>European Polymer Journal</i> , 2015, 65, 221-231.	2.6	4
24	Millipedes as Food for Humans: Their Nutritional and Possible Antimalarial Value – A First Report. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-9.	0.5	19
25	Novel Electrically Conductive Melamine-formaldehyde Nanocomposite Based on Graphite Nanosheets. <i>Macromolecular Symposia</i> , 2014, 340, 73-80.	0.4	2
26	Matrix-assisted laser desorption/ionization time-of-flight mass spectrometric imaging of synthetic polymer sample spots prepared using ionic liquid matrices. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 489-498.	0.7	27
27	Air-stable organic semiconductors based on 6,6-dithienylindigo and polymers thereof. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8089-8097.	2.7	56
28	Matrix Segregation as the Major Cause for Sample Inhomogeneity in MALDI Dried Droplet Spots. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1356-1363.	1.2	29
29	Evaluation of the phytomass source for composite preparation. <i>Journal of Applied Polymer Science</i> , 2013, 127, 508-515.	1.3	1
30	UV-curable coatings of highly crosslinked trimethylmelamine based acrylates and methacrylates. <i>European Polymer Journal</i> , 2013, 49, 4141-4148.	2.6	12
31	Electrocatalytic Reduction of Carbon Dioxide to Carbon Monoxide by a Polymerized Film of an Alkynyl-Substituted Rhenium(I) Complex. <i>ChemCatChem</i> , 2013, 5, 1790-1796.	1.8	47
32	Reversible Biofunctionalization of Surfaces with a Switchable Mutant of Avidin. <i>Bioconjugate Chemistry</i> , 2013, 24, 1656-1668.	1.8	14
33	Synthesis and Characterization of Allylamine Based Polymers. <i>Macromolecular Symposia</i> , 2012, 313-314, 112-120.	0.4	1
34	Melamine Derivatives - A Review on Synthesis and Application. <i>Current Organic Synthesis</i> , 2012, 9, 342-356.	0.7	36
35	Controlled multistep oxidation of alcohols and aldehydes to carboxylic acids using air, sunlight and a robust metalloporphyrin sensitizer with a pH-switchable photoreactivity. <i>RSC Advances</i> , 2012, 2, 3257.	1.7	21
36	Fast Mapping of Biomolecular Interfaces by Random Spin Labeling (RSL). <i>Journal of Biomolecular Structure and Dynamics</i> , 2012, 29, 793-798.	2.0	5

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37	Billi-Corroles: A Versatile Platform for the Synthesis of Functionalized Corroles. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4342-4349.	1.0	21
38	Quantitative Analysis of Polymer Additives with MALDI-TOF MS Using an Internal Standard Approach. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 1120-1125.	1.2	29
39	The application of pyrolysis gas chromatography mass spectrometry for the identification of degraded early plastics in a sculpture by Naum Gabo. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 94, 202-208.	2.6	25
40	An Analysis of Diet Quality, How It Controls Fatty Acid Profiles, Isotope Signatures and Stoichiometry in the Malaria Mosquito <i>Anopheles arabiensis</i> . <i>PLoS ONE</i> , 2012, 7, e45222.	1.1	31
41	Rapid Melamine-Formaldehyde Resin Characterization by Means of Quantitative ¹³ C NMR with Polarization Transfer. <i>International Journal of Polymer Analysis and Characterization</i> , 2011, 16, 177-186.	0.9	7
42	Synthesis, characterization, and polymerization of vinylmelamines. <i>Monatshefte für Chemie</i> , 2011, 142, 849-854.	0.9	6
43	Molecular Determinants within N Terminus of Orai3 Protein That Control Channel Activation and Gating. <i>Journal of Biological Chemistry</i> , 2011, 286, 31565-31575.	1.6	44
44	Identification of marker compounds in pyrolysis GC/MS of various acetylated wood types. <i>Journal of Analytical and Applied Pyrolysis</i> , 2010, 87, 144-153.	2.6	12
45	Analysis of methylated melamines in reaction mixtures by CZE-MS. <i>Electrophoresis</i> , 2010, 31, 1194-1200.	1.3	8
46	Pyrolysis GC/MS and IR Spectroscopy in Chitin Analysis of Molluscan Shells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 93-103.	0.6	27
47	Analysis of wood polymer composites by two-stage pyrolysis GC/MS. <i>Journal of Analytical and Applied Pyrolysis</i> , 2008, 83, 213-219.	2.6	33
48	Improved analysis of melamine-formaldehyde resins by capillary zone electrophoresis-mass spectrometry using ion-trap and quadrupole-time-of-flight mass spectrometers. <i>Journal of Chromatography A</i> , 2008, 1213, 83-87.	1.8	35
49	Characterization of a Linear Melamine Formaldehyde Resin. <i>International Journal of Polymer Analysis and Characterization</i> , 2007, 12, 301-314.	0.9	7
50	Analysis of N-Methylmelamine Resins with Combined GPC, HPLC, Mass Spectrometric Techniques. <i>International Journal of Polymer Analysis and Characterization</i> , 2007, 12, 143-154.	0.9	9
51	Composition and content of seed flavonoids in forage and grain legume crops. <i>Journal of Separation Science</i> , 2007, 30, 491-501.	1.3	35
52	Determination of reaction mechanisms and evaluation of flame retardants in wood-melamine resin-composites. <i>Journal of Analytical and Applied Pyrolysis</i> , 2007, 79, 306-312.	2.6	14
53	Particleboards from Acetylated Wood Flakes. <i>Monatshefte für Chemie</i> , 2007, 138, 321-325.	0.9	8
54	The Oxidation of Hexahydrotriazines. <i>Monatshefte für Chemie</i> , 2006, 137, 185-190.	0.9	3

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55	Pyrolysis and THM reactions of melamine and its resins. <i>Journal of Analytical and Applied Pyrolysis</i> , 2005, 74, 200-203.	2.6	22
56	Identification of fungi with analytical pyrolysis and thermally assisted hydrolysis and methylation. <i>Journal of Analytical and Applied Pyrolysis</i> , 2005, 74, 26-32.	2.6	12
57	A Route to Amino Functionalized Hypericin Derivatives and their Chemical and Photochemical Properties Pertaining to Photodynamic Therapy. <i>Monatshefte für Chemie</i> , 2005, 136, 2067-2082.	0.9	8
58	Analysis of the Active Compounds in Different Parts of the Schisandra chinensis Plant by Means of Pyrolysis-GC/MS. <i>Monatshefte für Chemie</i> , 2004, 135, 1201.	0.9	16
59	Identification of methylated saccharinolactones and partially methylated saccharinic acids in the thermally assisted hydrolysis and methylation of carbohydrates. <i>Journal of Analytical and Applied Pyrolysis</i> , 2004, 71, 501-514.	2.6	22
60	On the mechanism of thermally assisted hydrolysis and methylation of carbohydrates: the contribution of aldol and retroaldol reactions. <i>Journal of Analytical and Applied Pyrolysis</i> , 2003, 68-69, 137-149.	2.6	21
61	Determination of the Nitrogen Content of Cationic Cellulose Fibers by Analytical Pyrolysis. <i>Monatshefte für Chemie</i> , 2002, 133, 1-7.	0.9	12
62	Levoglucofan, cellobiose and their acetates as model compounds for the thermally assisted hydrolysis and methylation of cellulose and cellulose acetate. <i>Journal of Analytical and Applied Pyrolysis</i> , 2002, 62, 179-196.	2.6	38