

# Josef CvaÄka

## List of Publications by Year in descending order

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180  
papers

4,340  
citations

109321

35  
h-index

175258

52  
g-index

188  
all docs

188  
docs citations

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times ranked

5672  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfo-N-succinimidyl Oleate (SSO) Inhibits Fatty Acid Uptake and Signaling for Intracellular Calcium via Binding CD36 Lysine 164. <i>Journal of Biological Chemistry</i> , 2013, 288, 15547-15555.	3.4	145
2	An organometallic route to long helicenes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13169-13174.	7.1	126
3	Boron-Doped Diamond Microelectrodes for Use in Capillary Electrophoresis with Electrochemical Detection. <i>Analytical Chemistry</i> , 2003, 75, 2678-2687.	6.5	100
4	MALDI imaging of neutral cuticular lipids in insects and plants. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 220-231.	2.8	98
5	Regioisomeric analysis of triacylglycerols using silver-ion liquid chromatography-atmospheric pressure chemical ionization mass spectrometry: Comparison of five different mass analyzers. <i>Journal of Chromatography A</i> , 2010, 1217, 8186-8194.	3.7	95
6	Adaptive dynamics of cuticular hydrocarbons in <i>Drosophila</i> . <i>Journal of Evolutionary Biology</i> , 2017, 30, 66-80.	1.7	87
7	Copper(I)-Directed Formation of a Cyclic Pseudorotaxane Tetramer and Its Trimeric Homologue. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 258-261.	13.8	84
8	Asymmetric Synthesis of [7]Helicene-Like Molecules. <i>Organic Letters</i> , 2005, 7, 2547-2550.	4.6	83
9	Lasioglossins: Three Novel Antimicrobial Peptides from the Venom of the Eusocial Bee <i>Lasioglossum laticeps</i> (Hymenoptera: Halictidae). <i>ChemBioChem</i> , 2009, 10, 2089-2099.	2.6	81
10	Determining the vapour pressures of plant volatiles from gas chromatographic retention data. <i>Journal of Chromatography A</i> , 2005, 1083, 161-172.	3.7	73
11	(E,E)- $\beta$ -Farnesene, an Alarm Pheromone of the Termite <i>Prorhinotermes canalifrons</i> . <i>Journal of Chemical Ecology</i> , 2008, 34, 478-486.	1.8	73
12	Evaluation of Anti-Inflammatory Activity of Prenylated Substances Isolated from <i>Morus alba</i> and <i>Morus nigra</i> . <i>Journal of Natural Products</i> , 2014, 77, 1297-1303.	3.0	72
13	Anti-inflammatory Activity of Natural Geranylated Flavonoids: Cyclooxygenase and Lipoxygenase Inhibitory Properties and Proteomic Analysis. <i>Journal of Natural Products</i> , 2017, 80, 999-1006.	3.0	72
14	Analysis of Insect Cuticular Hydrocarbons Using Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Journal of Chemical Ecology</i> , 2006, 32, 409-434.	1.8	69
15	Antibacterial <i>C</i> -Geranylflavonoids from <i>Paulownia tomentosa</i> Fruits. <i>Journal of Natural Products</i> , 2008, 71, 706-709.	3.0	68
16	Matrix-assisted laser desorption/ionization analysis of lipids and high molecular weight hydrocarbons with lithium 2,5-dihydroxybenzoate matrix. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2203-2207.	1.5	63
17	Cationic octahedral molybdenum cluster complexes functionalized with mitochondria-targeting ligands: photodynamic anticancer and antibacterial activities. <i>Biomaterials Science</i> , 2019, 7, 1386-1392.	5.4	62
18	Explosive Backpacks in Old Termite Workers. <i>Science</i> , 2012, 337, 436-436.	12.6	61

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19	Novel antimicrobial peptides from the venom of the eusocial bee <i>Halictus sexcinctus</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlo	2.7	56
20	Melectin: A Novel Antimicrobial Peptide from the Venom of the Cleptoparasitic Bee <i>Melecta albifrons</i> . <i>ChemBioChem</i> , 2008, 9, 2815-2821.	2.6	55
21	Analysis of triacylglycerols in fat body of bumblebees by chromatographic methods. <i>Journal of Chromatography A</i> , 2006, 1101, 226-237.	3.7	52
22	Additional minor ecdysteroid components of <i>Leuzea carthamoides</i> . <i>Steroids</i> , 2008, 73, 502-514.	1.8	49
23	Critical Review High-performance liquid chromatography of nitrated polycyclic aromatic hydrocarbons. <i>Analyst</i> , 1998, 123, 9-18.	3.5	46
24	Analysis of wax ester molecular species by high performance liquid chromatography/atmospheric pressure chemical ionisation mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 4184-4194.	3.7	46
25	Minor C-geranylated flavanones from <i>Paulownia tomentosa</i> fruits with MRSA antibacterial activity. <i>Phytochemistry</i> , 2013, 89, 104-113.	2.9	46
26	Synthesis of 8-bromo-, 8-methyl- and 8-phenyl-dATP and their polymerase incorporation into DNA. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3657.	2.8	43
27	Synthesis of bis(polyfluoroalkylated)imidazolium salts as key intermediates for fluororous NHC ligands. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 966-973.	1.7	43
28	Beyond cuticular hydrocarbons: evidence of proteinaceous secretion specific to termite kings and queens. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 995-1002.	2.6	42
29	Amino acid formation induced by high-power laser in CO <sub>2</sub> /CO <sup>2</sup> N <sub>2</sub> H <sub>2</sub> O gas mixtures. <i>Chemical Physics Letters</i> , 2004, 386, 169-173.	2.6	41
30	Dinucleoside polyphosphates act as 5 <sup>′</sup> -RNA caps in bacteria. <i>Nature Communications</i> , 2020, 11, 1052.	12.8	41
31	Nitroalkenes and Sesquiterpene Hydrocarbons from the Frontal Gland of Three Proterhinotermes Termite Species. <i>Journal of Chemical Ecology</i> , 2007, 33, 1787-1794.	1.8	40
32	Characterization of natural wax esters by MALDI-TOF mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2009, 44, 101-110.	1.6	38
33	Determination of acid dissociation constants of triazole fungicides by pressure assisted capillary electrophoresis. <i>Journal of Chromatography A</i> , 2015, 1408, 243-249.	3.7	38
34	Silychristin: Skeletal Alterations and Biological Activities. <i>Journal of Natural Products</i> , 2016, 79, 3086-3092.	3.0	38
35	Synthesis of Derivatized Chitoooligomers using Transglycosidases Engineered from the Fungal GH20 <i>N</i> -Acetylhexosaminidase. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1941-1950.	4.3	37
36	Multimerization rules for G-quadruplexes. <i>Nucleic Acids Research</i> , 2017, 45, 8684-8696.	14.5	37

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37	Identification by GC-EAD of the two-component trail-following pheromone of <i>Prorethra simplex</i> (Isoptera, Rhinotermitidae, Prorethritinae). <i>Journal of Insect Physiology</i> , 2009, 55, 751-757.	2.0	35
38	Complexation between the fungicide tebuconazole and copper(II) probed by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1037-1042.	1.5	35
39	Structural characterization of wax esters by electron ionization mass spectrometry. <i>Journal of Lipid Research</i> , 2012, 53, 204-213.	4.2	35
40	Nuclear phosphatidylinositol 4,5-bisphosphate islets contribute to efficient RNA polymerase II-dependent transcription. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	35
41	Localization of Double Bonds in Wax Esters by High-Performance Liquid Chromatography/Atmospheric Pressure Chemical Ionization Mass Spectrometry Utilizing the Fragmentation of Acetonitrile-Related Adducts. <i>Analytical Chemistry</i> , 2011, 83, 2978-2986.	6.5	34
42	Fat body of <i>Prorethra simplex</i> (Isoptera: Rhinotermitidae): Ultrastructure, inter-caste differences and lipid composition. <i>Micron</i> , 2006, 37, 648-656.	2.2	32
43	Cytotoxic Activity of <i>C</i> -Geranyl Compounds from <i>Paulownia tomentosa</i> Fruits. <i>Planta Medica</i> , 2008, 74, 1488-1491.	1.3	32
44	Search for the form of fullerene C60 in aqueous medium. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 14095.	2.8	31
45	Transition-Metal-Complexed Cyclic [3] and [4]Pseudorotaxanes Containing Rigid Ring and Filament Conjugates: Synthesis and Solution Studies. <i>Chemistry - A European Journal</i> , 2011, 17, 5404-5414.	3.3	31
46	Comparative Study of the Labial Gland Secretion in Termites (Isoptera). <i>PLoS ONE</i> , 2012, 7, e46431.	2.5	31
47	Comparison of methods employing gas chromatography retention data to determine vapour pressures at 298 K. <i>Journal of Chromatography A</i> , 2001, 923, 137-152.	3.7	30
48	Fluorous imidazolium room-temperature ionic liquids based on HFPO trimer. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 629-639.	1.7	30
49	Mass spectrometry imaging of surface lipids on intact <i>Drosophila melanogaster</i> flies. <i>Journal of Mass Spectrometry</i> , 2014, 49, 223-232.	1.6	30
50	Glycan-decorated HPMA copolymers as high-affinity lectin ligands. <i>Polymer Chemistry</i> , 2017, 8, 2647-2658.	3.9	30
51	Newborn Boys and Girls Differ in the Lipid Composition of Vernix Caseosa. <i>PLoS ONE</i> , 2014, 9, e99173.	2.5	28
52	Combining Charge-Switch Derivatization with Ozone-Induced Dissociation for Fatty Acid Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2135-2143.	2.8	28
53	Polarographic and Voltammetric Determination of Carcinogenic Nitro and Amino Derivatives of Polycyclic Aromatic Hydrocarbons. <i>Electroanalysis</i> , 2001, 13, 799-803.	2.9	27
54	Analgesic compounds from <i>Scorzonera latifolia</i> (Fisch. and Mey.) DC.. <i>Journal of Ethnopharmacology</i> , 2010, 131, 83-87.	4.1	27

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55	Identification of the double-bond position in fatty acid methyl esters by liquid chromatography/atmospheric pressure chemical ionisation mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1259, 244-250.	3.7	27
56	Ag Complexes of NHC Ligands Bearing Polyfluoroalkyl and/or Polyfluoropolyalkoxy Ponytails. Why Are Polyethers More Fluorous Than Alkyls?. <i>Organometallics</i> , 2012, 31, 1524-1532.	2.3	27
57	Studies of long chain lipids in insects by high temperature gas chromatography and high temperature gas chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1297, 236-240.	3.7	27
58	Computer-assisted interpretation of atmospheric pressure chemical ionization mass spectra of triacylglycerols. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3586-3594.	1.5	26
59	Determination of doxazosin and verapamil in human serum by fast LC–MS/MS: Application to document non-compliance of patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 3167-3173.	2.3	26
60	Stylopsal: The First Identified Female-produced Sex Pheromone of Strepsiptera. <i>Journal of Chemical Ecology</i> , 2012, 38, 1483-1491.	1.8	24
61	Complex alarm strategy in the most basal termite species. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 1945-1955.	1.4	24
62	HFPO Trimer-Based Alkyl Triflate, a Novel Building Block for Fluorous Chemistry. Preparation, Reactions and 19F gCOSY Analysis. <i>Collection of Czechoslovak Chemical Communications</i> , 2008, 73, 1799-1813.	1.0	23
63	A comparison of HPLC/APCI-MS and MALDI-MS for characterising triacylglycerols in insects: Species-specific composition of lipids in the fat bodies of bumblebee males. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3878-3884.	2.3	23
64	Sulfated Metabolites of Flavonolignans and 2,3-Dehydroflavonolignans: Preparation and Properties. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2349.	4.1	23
65	Tomentomimulol and mimulone B: Two new <i>C</i> -geranylated flavonoids from <i>Paulownia tomentosa</i> fruits. <i>Natural Product Research</i> , 2013, 27, 613-618.	1.8	22
66	Prokaryotic and Eukaryotic Aryl Sulfotransferases: Sulfation of Quercetin and Its Derivatives. <i>ChemCatChem</i> , 2015, 7, 3152-3162.	3.7	22
67	Cholesteryl esters of $\omega$ -(O-acyl)-hydroxy fatty acids in vernix caseosa. <i>Journal of Lipid Research</i> , 2017, 58, 1579-1590.	4.2	22
68	Polyamine conjugates of stigmasterol. <i>Steroids</i> , 2012, 77, 1212-1218.	1.8	21
69	Total Synthesis, Proof of Absolute Configuration, and Biosynthetic Origin of Stylopsal, the First Isolated Sex Pheromone of <i>Strepsiptera</i> . <i>Chemistry - A European Journal</i> , 2013, 19, 8515-8524.	3.3	21
70	Preparation of silybin and isosilybin sulfates by sulfotransferase from <i>Desulfitobacterium hafniense</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 89, 24-27.	1.8	21
71	Turkish <i>Scorzonera</i> Species Extracts Attenuate Cytokine Secretion via Inhibition of NF- $\kappa$ B Activation, Showing Anti-Inflammatory Effect in Vitro. <i>Molecules</i> , 2016, 21, 43.	3.8	21
72	LC/MS analysis and deep sequencing reveal the accurate RNA composition in the HIV-1 virion. <i>Scientific Reports</i> , 2019, 9, 8697.	3.3	21

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73	An Amperometric Detector with a Platinum Tubular Electrode for High Performance Liquid Chromatography. <i>Electroanalysis</i> , 2000, 12, 39-43.	2.9	20
74	Experimental and theoretical study of Hoveyda's Grubbs catalysts modified by perfluorohexyl ponytail in the alkoxybenzylidene ligand. <i>Journal of Fluorine Chemistry</i> , 2013, 153, 12-25.	1.7	20
75	Synthesis of Heavy Fluorous Ruthenium Metathesis Catalysts Using the Stereoselective Addition of Polyfluoroalkyllithium to Sterically Hindered Diimines. <i>Organometallics</i> , 2015, 34, 3327-3334.	2.3	20
76	Chemoenzymatic Preparation and Biophysical Properties of Sulfated Quercetin Metabolites. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2231.	4.1	20
77	The use of 1,5-diaminonaphthalene for matrix-assisted laser desorption/ionization mass spectrometry imaging of brain in neurodegenerative disorders. <i>Talanta</i> , 2019, 201, 364-372.	5.5	20
78	Chemical degradation of wastes of antineoplastic agents amsacrine, azathioprine, asparaginase and thiotepa. <i>Annals of Occupational Hygiene</i> , 1998, 42, 259-266.	1.9	19
79	Thiacalix[4]arene's porphyrin conjugates with high selectivity towards fullerene C70. <i>Tetrahedron Letters</i> , 2007, 48, 6620-6623.	1.4	19
80	Delineating species boundaries using an iterative taxonomic approach: The case of soldierless termites (Isoptera, Termitidae, Apicotermitinae). <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 694-703.	2.7	19
81	Sweet taste of heavy water. <i>Communications Biology</i> , 2021, 4, 440.	4.4	19
82	Formation of Tebuconazole Complexes with Cadmium(II) Investigated by Electrospray Ionization Mass Spectrometry. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 2633-2640.	2.4	18
83	Heavy fluororous phosphine-free ruthenium catalysts for alkene metathesis. <i>Journal of Fluorine Chemistry</i> , 2014, 161, 66-75.	1.7	18
84	Thin-Layer Chromatography/Desorption Atmospheric Pressure Photoionization Orbitrap Mass Spectrometry of Lipids. <i>Analytical Chemistry</i> , 2016, 88, 12279-12286.	6.5	18
85	Selective $\beta$ -N-acetylhexosaminidase from <i>Aspergillus versicolor</i> a tool for producing bioactive carbohydrates. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1737-1753.	3.6	18
86	Triazole fungicides in soil affect the yield of fruit, green biomass, and phenolics production of <i>Solanum lycopersicum</i> L.. <i>Food Chemistry</i> , 2021, 351, 129328.	8.2	18
87	The quest for alternative routes to racemic and nonracemic azahelicene derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 2009, 74, 189-215.	1.0	17
88	Localization of double bonds in triacylglycerols using high-performance liquid chromatography/atmospheric pressure chemical ionization ion-trap mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5175-5188.	3.7	17
89	Unusual Fatty Acids in the Fat Body of the Early Nesting Bumblebee, <i>Bombus pratorum</i> . <i>Lipids</i> , 2008, 43, 441-450.	1.7	16
90	Analysis of insect triacylglycerols using liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. <i>European Journal of Lipid Science and Technology</i> , 2009, 111, 519-525.	1.5	16

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91	Nonadecadienone, a New Termite Trail-Following Pheromone Identified in <i>Glossotermes oculatus</i> (Serritermitidae). <i>Chemical Senses</i> , 2012, 37, 55-63.	2.0	16
92	The detection and mapping of the spatial distribution of insect defense compounds by desorption atmospheric pressure photoionization Orbitrap mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 886, 91-97.	5.4	16
93	Mapping the peptide and protein immune response in the larvae of the fleshfly <i>Sarcophaga bullata</i> . <i>Journal of Peptide Science</i> , 2008, 14, 670-682.	1.4	15
94	Nickel and palladium complexes with fluorinated alkyl substituted $\beta$ -diimine ligands for living/controlled olefin polymerization. <i>Polymer Chemistry</i> , 2018, 9, 1234-1248.	3.9	15
95	Does resveratrol retain its antioxidative properties in wine? Redox behaviour of resveratrol in the presence of Cu(II) and tebuconazole. <i>Food Chemistry</i> , 2018, 262, 221-225.	8.2	15
96	New diterpenoid glucoside and flavonoids from <i>Plectranthus scutellarioides</i> (L.) R. Br.. <i>South African Journal of Botany</i> , 2019, 120, 286-290.	2.5	15
97	Phyllocladane in brown coal from Handlová, Slovakia: Isolation and structural characterization. <i>Organic Geochemistry</i> , 2009, 40, 126-134.	1.8	14
98	Analysis of plant galactolipids by reversed-phase high-performance liquid chromatography/mass spectrometry with accurate mass measurement. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 601-607.	3.2	14
99	New MALDI matrices based on lithium salts for the analysis of hydrocarbons and wax esters. <i>Journal of Mass Spectrometry</i> , 2014, 49, 628-638.	1.6	14
100	Cyclopropanation reactions catalysed by dendrimers possessing one metalloporphyrin active site at the core: linear and sigmoidal kinetic behaviour for different dendrimer generations. <i>Tetrahedron</i> , 2016, 72, 1120-1131.	1.9	14
101	Comparison of two low flow interfaces for measurement of mobilities and stability constants by affinity capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1568, 197-204.	3.7	14
102	Glycosidase-Catalyzed Synthesis of Glycosyl Esters and Phenolic Glycosides of Aromatic Acids. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2627-2637.	4.3	14
103	A new triterpene from <i>Scorzonera latifolia</i> (Fisch. and Mey.) DC.. <i>Natural Product Research</i> , 2012, 26, 1892-1897.	1.8	13
104	Inhibition of GlcNAc-Processing Glycosidases by C-6-Azido-NAG-Thiazoline and Its Derivatives. <i>Molecules</i> , 2014, 19, 3471-3488.	3.8	13
105	Effects of 2,3-Dehydrosilybin and Its Galloyl Ester and Methyl Ether Derivatives on Human Umbilical Vein Endothelial Cells. <i>Journal of Natural Products</i> , 2016, 79, 812-820.	3.0	13
106	Post-eclosion temperature effects on insect cuticular hydrocarbon profiles. <i>Ecology and Evolution</i> , 2021, 11, 352-364.	1.9	13
107	Micellar electrokinetic chromatography in the determination of triazoles in fruit peel. <i>Journal of Chromatography A</i> , 2021, 1652, 462385.	3.7	13
108	Theoretical insight into the stabilization of triazole fungicides via their interactions with dications. <i>International Journal of Mass Spectrometry</i> , 2014, 359, 38-43.	1.5	12

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109	Cation-π interaction of Ag <sup>+</sup> with [6]helicene: An experimental and theoretical study. <i>Chemical Physics Letters</i> , 2015, 633, 105-108.	2.6	12
110	Feasibility of desorption atmospheric pressure photoionization and desorption electrospray ionization mass spectrometry to monitor urinary steroid metabolites during pregnancy. <i>Analytica Chimica Acta</i> , 2015, 880, 84-92.	5.4	12
111	Applicability of low-flow atmospheric pressure chemical ionization and photoionization mass spectrometry with a microfabricated nebulizer for neutral lipids. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 639-648.	1.5	12
112	Medium Fluorous Separation Using Hydrofluoroether and Weakly Polar Solvents for Environmentally Friendly Recycling of Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 7026-7034.	6.7	12
113	Sulfated Metabolites of Luteolin, Myricetin, and Ampelopsin: Chemoenzymatic Preparation and Biophysical Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11197-11206.	5.2	12
114	Mass spectrometry imaging of free-floating brain sections detects pathological lipid distribution in a mouse model of Alzheimer's-like pathology. <i>Analyst</i> , The, 2020, 145, 4595-4605.	3.5	12
115	Mechanism of Formation of (Deoxy)guanosine Adducts Derived from Peroxidase-Catalyzed Oxidation of the Carcinogenic Nonaminoazo Dye 1-Phenylazo-2-hydroxynaphthalene (Sudan I). <i>Chemical Research in Toxicology</i> , 2009, 22, 1765-1773.	3.3	11
116	Transition metal complexes bearing NHC ligands substituted with secondary polyfluoroalkyl groups. <i>Dalton Transactions</i> , 2015, 44, 19663-19673.	3.3	11
117	Chemical and vibratory signals used in alarm communication in the termite <i>Reticulitermes flavipes</i> (Rhinotermitidae). <i>Insectes Sociaux</i> , 2019, 66, 265-272.	1.2	11
118	Dual Substrate Specificity of the Rutinosidase from <i>Aspergillus niger</i> and the Role of Its Substrate Tunnel. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5671.	4.1	11
119	The reaction of (Sp)-2-(diphenylphosphino)ferrocenecarboxylic acid with carbodiimide reagents: Characterisation of the acid anhydride and urea products. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3430-3434.	1.8	10
120	Oxidation of the carcinogenic non-aminoazo dye 1-phenylazo-2-hydroxy-naphthalene (Sudan I) by cytochromes P450 and peroxidases: a comparative study. <i>Interdisciplinary Toxicology</i> , 2009, 2, 195-200.	1.0	10
121	Analysis of 1,2-diol diesters in vernix caseosa by high-performance liquid chromatography - atmospheric pressure chemical ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1378, 8-18.	3.7	10
122	Side effects of triazoles on treated crops. <i>Chemosphere</i> , 2021, 277, 130242.	8.2	10
123	Residues of diflubenzuron on horse chestnut ( <i>Aesculus hippocastanum</i> ) leaves and their efficacy against the horse chestnut leafminer, <i>Cameraria ohridella</i> . <i>Pest Management Science</i> , 2006, 62, 274-278.	3.4	9
124	Scanning electron microscopic imaging of surface effects in desorption and nano-desorption electrospray ionization. <i>Journal of Mass Spectrometry</i> , 2011, 46, 256-261.	1.6	9
125	In situ generation of copper cations and complexation with tebuconazole in a hyphenation of electrochemistry with mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2013, 338, 45-49.	1.5	9
126	Synthesis and catalytic activity of ruthenium complexes modified with chiral racemic per- and polyfluoroalkanoates. <i>Journal of Fluorine Chemistry</i> , 2016, 191, 14-22.	1.7	9

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127	Triazoles and aromatase: The impact of copper cocktails. <i>Environmental Pollution</i> , 2020, 266, 115201.	7.5	9
128	Photodegradation of 1-nitropyrene in solution and in the adsorbed state. <i>Journal of Hazardous Materials</i> , 2002, 95, 175-184.	12.4	8
129	Juvenile hormone-stimulated synthesis of acylglycerols and vitamin E in female accessory sexual glands of the fire bug, <i>Pyrrhocoris apterus</i> L. <i>Archives of Insect Biochemistry and Physiology</i> , 2009, 72, 48-59.	1.5	8
130	Synthesis of 2-(perfluoroalkyl)ethyl potassium sulfates based on perfluorinated Grignard reagents. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 1338-1343.	1.7	8
131	Analysis of wax esters by silver-ion high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1302, 105-110.	3.7	8
132	Desorption atmospheric pressure photoionization high-resolution mass spectrometry: a complementary approach for the chemical analysis of atmospheric aerosols. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1233-1241.	1.5	8
133	Inhibitory activity of <i>Scorzonera latifolia</i> and its components on enzymes connected with healing process. <i>Journal of Ethnopharmacology</i> , 2019, 245, 112168.	4.1	8
134	Helicenes Built from Silacyclopentadienes via Ring-by-Ring Knitting of the Helical Framework. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1654-1658.	13.8	8
135	How Site-Directed Mutagenesis Boosted Selectivity of a Promiscuous Enzyme. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4138-4150.	4.3	8
136	Complexation and stability of the fungicide penconazole in the presence of zinc and copper ions. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8714.	1.5	8
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