

# Clecio F Klitzke

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,349  
citations

279798

23  
h-index

361022

35  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1897  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutral and cationic methallyl nickel complexes in alkene activation: a combined DFT, ESI-MS and chemometric approach. <i>Catalysis Science and Technology</i> , 2021, 11, 7475-7485.	4.1	1
2	A novel chlorophyll protein complex in the repair cycle of photosystem II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21907-21913.	7.1	34
3	Integrative mass spectrometry strategy for fingerprinting and tentative structural characterization of asphaltenes. <i>Fuel</i> , 2018, 220, 717-724.	6.4	10
4	Gas Chromatography Coupled to High Resolution Time-of-Flight Mass Spectrometry as a High-Throughput Tool for Characterizing Geochemical Biomarkers in Sediments. <i>International Journal of Analytical Chemistry</i> , 2018, 2018, 1-10.	1.0	1
5	Fullerene separation and identification by traveling wave ion mobility mass spectrometry in laser desorption processes during asphaltene analysis. <i>Journal of Mass Spectrometry</i> , 2016, 51, 254-256.	1.6	6
6	Fatty acid biomarkers in sediment samples via ultra-high resolution and accuracy time-of-flight mass spectrometry. <i>Organic Geochemistry</i> , 2016, 92, 24-31.	1.8	3
7	Fullerenes in asphaltenes and other carbonaceous materials: natural constituents or laser artifacts. <i>Analyst</i> , 2016, 141, 2767-2773.	3.5	25
8	Structure-drift time relationships in ion mobility mass spectrometry. <i>International Journal for Ion Mobility Spectrometry</i> , 2013, 16, 117-132.	1.4	24
9	Petroleomics by Traveling Wave Ion Mobility Mass Spectrometry Using CO <sub>2</sub> as a Drift Gas. <i>Energy &amp; Fuels</i> , 2013, 27, 7277-7286.	5.1	46
10	Precision in Petroleomics via Ultrahigh Resolution Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Energy &amp; Fuels</i> , 2013, 27, 7208-7216.	5.1	19
11	Assessing Biodegradation in the Llanos Orientales Crude Oils by Electrospray Ionization Ultrahigh Resolution and Accuracy Fourier Transform Mass Spectrometry and Chemometric Analysis. <i>Energy &amp; Fuels</i> , 2013, 27, 1277-1284.	5.1	56
12	Redox Control of 20S Proteasome Gating. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 1183-1194.	5.4	82
13	Petroleomics by Ultrahigh-Resolution Time-of-Flight Mass Spectrometry. <i>Energy &amp; Fuels</i> , 2012, 26, 5787-5794.	5.1	56
14	Gasoline, Kerosene, and Diesel Fingerprinting via Polar Markers. <i>Energy &amp; Fuels</i> , 2012, 26, 3542-3547.	5.1	42
15	Venturi Easy Ambient Sonic-Spray Ionization. <i>Analytical Chemistry</i> , 2011, 83, 1375-1380.	6.5	125
16	Autolytic Mycobacterium leprae Hsp65 fragments may act as biological markers for autoimmune diseases. <i>Microbial Pathogenesis</i> , 2011, 51, 268-276.	2.9	5
17	A Comparative Study of the Outer Membrane Proteome from an Atypical and a Typical Enteropathogenic Escherichia coli. <i>Open Microbiology Journal</i> , 2011, 5, 83-90.	0.7	18
18	Highly efficient palladium-catalyzed Suzuki-Miyaura reactions of potassium aryltrifluoroborates with 5-iodo-1,3-dioxin-4-ones in water: an approach to $\pm$ -aryl- $\beta$ -ketoesters. <i>Tetrahedron</i> , 2010, 66, 773-779.	1.9	12

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19	Petroleomics by EASI(±) FT-ICR MS. <i>Analytical Chemistry</i> , 2010, 82, 3990-3996.	6.5	97
20	Cloning, expression and characterisation of an HtrA-like serine protease produced in vivo by <i>Mycobacterium leprae</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 1132-1138.	1.6	3
21	Argininosuccinate Synthetase Is a Functional Target for a Snake Venom Anti-hypertensive Peptide. <i>Journal of Biological Chemistry</i> , 2009, 284, 20022-20033.	3.4	66
22	Analysis of Intracellular Substrates and Products of Thimet Oligopeptidase in Human Embryonic Kidney 293 Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 14105-14116.	3.4	64
23	Characterization of a new bioactive peptide from <i>Potamotrygon</i> gr. <i>orbignyi</i> freshwater stingray venom. <i>Peptides</i> , 2009, 30, 2191-2199.	2.4	31
24	A novel bradykinin potentiating peptide isolated from <i>Bothrops jararacussu</i> venom using catalytically inactive oligopeptidase EP24.15. <i>FEBS Journal</i> , 2008, 275, 2442-2454.	4.7	27
25	<i>Bothrops</i> proteaseA, a unique highly glycosylated serine proteinase, is a potent, specific fibrinolytic agent. <i>Journal of Thrombosis and Haemostasis</i> , 2008, 6, 1363-1372.	3.8	42
26	Intracellular Peptides as Natural Regulators of Cell Signaling. <i>Journal of Biological Chemistry</i> , 2008, 283, 24448-24459.	3.4	84
27	Suzuki <sup>®</sup> Miyaura Cross-Coupling Reactions of Aryl Tellurides with Potassium Aryltrifluoroborate Salts. <i>Journal of Organic Chemistry</i> , 2006, 71, 244-250.	3.2	74
28	Substrate phosphorylation affects degradation and interaction to endopeptidase 24.15, neurolysin, and angiotensin-converting enzyme. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 520-525.	2.1	19
29	Measurement of Melatonin and its Metabolites: Importance for the Evaluation of Their Biological Roles. <i>Endocrine</i> , 2005, 27, 111-118.	2.2	37
30	Synthesis of internal labeled standards of melatonin and its metabolite N1-acetyl-N2-formyl-5-methoxykynuramine for their quantification using an on-line liquid chromatography-electrospray tandem mass spectrometry system. <i>Journal of Pineal Research</i> , 2004, 36, 64-71.	7.4	26
31	Oxidation of melatonin by singlet molecular oxygen (O <sub>2</sub> ( <sup>1</sup> Δ <sub>g</sub> )) produces N1-acetyl-N2-formyl-5-methoxykynurenine. <i>Journal of Pineal Research</i> , 2003, 35, 131-137.	7.4	73
32	DNA damage in digestive gland and mantle tissue of the mussel <i>Perna perna</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2003, 135, 295-303.	2.6	22
33	Enhanced trans diastereoselection in the allylation of cyclic chiral N-acyliminium ions. Synthesis of hydroxylated indolizidines. <i>Tetrahedron Letters</i> , 2001, 42, 5605-5608.	1.4	58
34	New records of pyrrolizidine alkaloid-feeding insects. Hemiptera and Coleoptera on <i>Senecio brasiliensis</i> . <i>Biochemical Systematics and Ecology</i> , 2000, 28, 313-318.	1.3	26
35	The occurrence of aristolochic acids in neotropical trodine swallowtails (Lepidoptera: Papilionidae). <i>Chemoecology</i> , 2000, 10, 99-102.	1.1	35