Manuel David Peris-DÃ-az

List of Publications by Year
in descending order

20 papers	546 citations	687220 13 h-index	752573 20 g-index
21 all docs	21 docs citations	21 times ranked	893 citing authors

#	Article	IF	Citations
1	Epigenetics and Oxidative Stress in Aging. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-8.	1.9	129
2	Current Landscape of Non-Small Cell Lung Cancer: Epidemiology, Histological Classification, Targeted Therapies, and Immunotherapy. Cancers, 2021, 13, 4705.	1.7	86
3	Crosstalk of the structural and zinc buffering properties of mammalian metallothionein-2. Metallomics, 2018, 10, 595-613.	1.0	44
4	A guide to good practice in chemometric methods for vibrational spectroscopy, electrochemistry, and hyphenated mass spectrometry. TrAC - Trends in Analytical Chemistry, 2021, 135, 116157.	5.8	42
5	Reactivity of Cu(<scp>ii</scp>)â€“, Zn(<scp>ii</scp>)â€“ and Fe(<scp>ii</scp>)â€“thiosemicarbazone complexes with glutathione and metallothionein: from stability to dissociation to transmetallation. Metallomics, 2019, 11, 994-1004.	1.0	38
6	The Glutathione/Metallothionein System Challenges the Design of Efficient O₂â€Activating Copper Complexes. Angewandte Chemie - International Edition, 2020, 59, 7830-7835.	7.2	30
7	An Integrated Mass Spectrometry and Molecular Dynamics Simulations Approach Reveals the Spatial Organization Impact of Metal-Binding Sites on the Stability of Metal-Depleted Metallothionein-2 Species. Journal of the American Chemical Society, 2021, 143, 16486-16501.	6.6	26
8	Raman spectroscopy coupled to chemometrics to discriminate provenance and geological age of amber. Journal of Raman Spectroscopy, 2018, 49, 842-851.	1.2	22
9	Formation of highly stable multinuclear Ag_nS_nclusters in zinc fingers disrupts their structure and function. Chemical Communications, 2020, 56, 1329-1332.	2.2	21
10	A lipidomic cellâ€based assay for studying drugâ€induced phospholipidosis and steatosis. Electrophoresis, 2017, 38, 2331-2340.	1.3	18
11	Mass Spectrometry-Based Structural Analysis of Cysteine-Rich Metal-Binding Sites in Proteins with MetaOdysseus R Software. Journal of Proteome Research, 2021, 20, 776-785.	1.8	18
12	Metal- and Affinity-Specific Dual Labeling of Cysteine-Rich Proteins for Identification of Metal-Binding Sites. Analytical Chemistry, 2020, 92, 12950-12958.	3.2	16
13	A Survey of Orbitrap All Ion Fragmentation Analysis Assessed by an R MetaboList Package to Study Small-Molecule Metabolites. Chromatographia, 2018, 81, 981-994.	0.7	14
14	R-MetaboList 2: A Flexible Tool for Metabolite Annotation from High-Resolution Data-Independent Acquisition Mass Spectrometry Analysis. Metabolites, 2019, 9, 187.	1.3	9
15	Multiobjective optimization of liquid chromatographyâ€“triple-quadrupole mass spectrometry analysis of underivatized human urinary amino acids through chemometrics. Analytical and Bioanalytical Chemistry, 2018, 410, 4275-4284.	1.9	8
16	Chemometrics-assisted optimization of liquid chromatography-quadrupole-time-of-flight mass spectrometry analysis for targeted metabolomics. Talanta, 2019, 199, 380-387.	2.9	8
17	A chemometric-assisted voltammetric analysis of free and Zn(II)-loaded metallothionein-3 states. Bioelectrochemistry, 2020, 134, 107501.	2.4	5
18	The Glutathione/Metallothionein System Challenges the Design of Efficient O₂â€Activating Copper Complexes. Angewandte Chemie, 2020, 132, 7904-7909.	1.6	4

#	Article	IF	Citations
19	New Approaches to Evaluate the Dispersion Parameters in Liquid Chromatography Based on the Information Obtained from a Set of Compounds. Current Chromatography, 2017, 4, .	0.1	4
20	RpeakChrom: Novel R package for the automated characterization and optimization of column efficiency in highâ€performance liquid chromatography analysis. Electrophoresis, 2017, 38, 2985-2995.	1.3	3