

Diego F Cobice

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

835
citations

623734

14
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1221
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable isotope labelling methods in mass spectrometry-based quantitative proteomics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 2-20.	2.8	229
2	Mass Spectrometry Imaging for Dissecting Steroid Intracrinology within Target Tissues. <i>Analytical Chemistry</i> , 2013, 85, 11576-11584.	6.5	109
3	Mass Spectrometry Imaging of Cassette-Dosed Drugs for Higher Throughput Pharmacokinetic and Biodistribution Analysis. <i>Analytical Chemistry</i> , 2014, 86, 8473-8480.	6.5	82
4	Spatial Localization and Quantitation of Androgens in Mouse Testis by Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2016, 88, 10362-10367.	6.5	61
5	Derivatization of estrogens enhances specificity and sensitivity of analysis of human plasma and serum by liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2016, 151, 148-156.	5.5	60
6	On-tissue chemical derivatization in mass spectrometry imaging. <i>Mass Spectrometry Reviews</i> , 2022, 41, 662-694.	5.4	54
7	11 β -Hydroxysteroid dehydrogenase type 1 contributes to the balance between 7-keto- and 7-hydroxy-oxyterols in vivo. <i>Biochemical Pharmacology</i> , 2013, 86, 146-153.	4.4	29
8	Quorum sensing as a potential target for increased production of rhamnolipid biosurfactant in <i>Burkholderia thailandensis</i> E264. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6505-6517.	3.6	28
9	MALDI Matrix Application Utilizing a Modified 3D Printer for Accessible High Resolution Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2018, 90, 8742-8749.	6.5	27
10	Spatial Localization of Vitamin D Metabolites in Mouse Kidney by Mass Spectrometry Imaging. <i>ACS Omega</i> , 2020, 5, 13430-13437.	3.5	25
11	Fatty acid synthesis pathway provides lipid precursors for rhamnolipid biosynthesis in <i>Burkholderia thailandensis</i> E264. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6163-6174.	3.6	20
12	Quantification of 11 β -hydroxysteroid dehydrogenase 1 kinetics and pharmacodynamic effects of inhibitors in brain using mass spectrometry imaging and stable-isotope tracers in mice. <i>Biochemical Pharmacology</i> , 2018, 148, 88-99.	4.4	17
13	Non-photopic and photopic visual cycles differentially regulate immediate, early, and late phases of cone photoreceptor-mediated vision. <i>Journal of Biological Chemistry</i> , 2020, 295, 6482-6497.	3.4	15
14	Methyl donor deficient diets cause distinct alterations in lipid metabolism but are poorly representative of human NAFLD. <i>Wellcome Open Research</i> , 2017, 2, 67.	1.8	15
15	Effects of vitamin D as a regulator of androgen intracrinology in LNCAP prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 579-584.	2.1	10
16	Vitamin D Status and Health Outcomes in School Children in Northern Ireland: Year One Results from the D-VinCHI Study. <i>Nutrients</i> , 2022, 14, 804.	4.1	9
17	<p>Sleep, a Governor of Morbidity in PTSD: A Systematic Review of Biological Markers in PTSD-Related Sleep Disturbances</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 545-562.	2.7	8
18	Derivatization with 2-hydrazino-1-methylpyridine enhances sensitivity of analysis of 5 α -dihydrotestosterone in human plasma by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1640, 461933.	3.7	8

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19	The Isolation of a Novel <i>Streptomyces</i> sp. CJ13 from a Traditional Irish Folk Medicine Alkaline Grassland Soil that Inhibits Multiresistant Pathogens and Yeasts. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 173.	2.5	7
20	Novel thiol-derivatized zinc(II) phthalocyanines. <i>Tetrahedron Letters</i> , 2009, 50, 2467-2469.	1.4	6
21	Assessing the Oxidative Degradation of N-Methylpyrrolidone (NMP) in Microelectronic Fabrication Processes by Using a Multiplatform Analytical Approach. <i>Journal of Analytical Methods in Chemistry</i> , 2020, 2020, 1-12.	1.6	5
22	<i>Streptomyces</i> Isolates from the Soil of an Ancient Irish Cure Site, Capable of Inhibiting Multi-Resistant Bacteria and Yeasts. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4923.	2.5	4
23	Spatial distribution of isobaric androgens in target tissues using chemical derivatization and MALDI-2 on a trapped ion mobility quadrupole time-of-flight instrument. <i>RSC Advances</i> , 2021, 11, 33916-33925.	3.6	3
24	Vitamin D and Bone Health of Older Adults within Care Homes: An Observational Study. <i>Nutrients</i> , 2022, 14, 2680.	4.1	3
25	Successful Proof-of-Concept for Topical Delivery of Novel Peptide ALM201 with Potential Usefulness for Treating Neovascular Eye Disorders. <i>Ophthalmology Science</i> , 2022, 2, 100150.	2.5	1