

MarÃ-a Fernanda Rey-Stolle

List of Publications by Year in descending order

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23
papers

733
citations

759233

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677142

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23
all docs

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docs citations

23
times ranked

1070
citing authors

#	ARTICLE	IF	CITATIONS
1	From sample treatment to biomarker discovery: A tutorial for untargeted metabolomics based on GC-(EI)-Q-MS. <i>Analytica Chimica Acta</i> , 2015, 900, 21-35.	5.4	129
2	New Analogues of Amonafide and Elinafide, Containing Aromatic Heterocycles:Â Synthesis, Antitumor Activity, Molecular Modeling, and DNA Binding Properties. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 1391-1399.	6.4	116
3	Recent Developments along the Analytical Process for Metabolomics Workflows. <i>Analytical Chemistry</i> , 2020, 92, 203-226.	6.5	72
4	Synthesis, biological evaluation and DNA binding properties of novel mono and bisnaphthalimides. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 648-654.	2.8	71
5	Synthesis, Antitumor Activity, Molecular Modeling, and DNA Binding Properties of a New Series of Imidazonaphthalimides. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 5813-5816.	6.4	59
6	Ferritin H Deficiency in Myeloid Compartments Dysregulates Host Energy Metabolism and Increases Susceptibility to Mycobacterium tuberculosis Infection. <i>Frontiers in Immunology</i> , 2018, 9, 860.	4.8	53
7	Synthesis, Biological Activity, and Quantitative Structure-Activity Relationship Study of Azanaphthalimide and Arylnaphthalimide Derivatives. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2236-2242.	6.4	38
8	Comprehensive Examination of the Mouse Lung Metabolome Following Mycobacterium tuberculosis Infection Using a Multiplatform Mass Spectrometry Approach. <i>Journal of Proteome Research</i> , 2020, 19, 2053-2070.	3.7	35
9	Metabolomic-Based Methods in Diagnosis and Monitoring Infection Progression. <i>Experientia Supplementum (2012)</i> , 2018, 109, 283-315.	0.9	25
10	Preparation and conformational analysis of severely hindered β^2 -diketones. Dipole moment determinations and theoretical calculations.. <i>Tetrahedron</i> , 1991, 47, 6511-6520.	1.9	17
11	Moderate SIRT1 overexpression protects against brown adipose tissue inflammation. <i>Molecular Metabolism</i> , 2020, 42, 101097.	6.5	17
12	Topology-based models and NMR structures in protein folding simulations. <i>Journal of Computational Chemistry</i> , 2009, 30, 1212-1219.	3.3	16
13	The role of gut microbiota (GM) and GM-related metabolites in diabetes and obesity. A review of analytical methods used to measure GM-related metabolites in fecal samples with a focus on metabolites-derivatization step. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113617.	2.8	16
14	Low and high resolution gas chromatography-mass spectrometry for untargeted metabolomics: A tutorial. <i>Analytica Chimica Acta</i> , 2022, 1210, 339043.	5.4	14
15	Partial specific volume of hyaluronic acid in different media and conditions. <i>International Journal of Biological Macromolecules</i> , 2000, 27, 287-290.	7.5	12
16	An evolutionarily ancient fatty acid desaturase is required for the synthesis of hexadecatrienoic acid, which is the main source of the bioactive jasmonate in <i>Marchantia polymorpha</i> . <i>New Phytologist</i> , 2022, 233, 1401-1413.	7.3	12
17	Partial specific volumes of poly(thiocarbonates) with chlorophenyl or dichlorophenyl side-groups. <i>European Polymer Journal</i> , 1992, 28, 187-190.	5.4	10
18	Dipole moment of poly(carbonates) with chlorophenyl or dichlorophenyl side groups. <i>Macromolecules</i> , 1992, 25, 3291-3292.	4.8	7

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19	THE GLASS TRANSITION IN POLY(CARBONATES) AND POLY(THIOCARBONATES) WITH CHLOROPHENYL AND DICHLOROPHENYL SIDE GROUPS. <i>European Polymer Journal</i> , 1997, 33, 295-297.	5.4	6
20	A Preliminary Study Showing the Impact of Genetic and Dietary Factors on GC-MS-Based Plasma Metabolome of Patients with and without PROX1-Genetic Predisposition to T2DM up to 5 Years Prior to Prediabetes Appearance. <i>Current Issues in Molecular Biology</i> , 2021, 43, 513-528.	2.4	5
21	Conformational analysis of 4-aryl-2,2,6,6-tetramethyl-heptane-3,5-diones. Dipole moment determinations and molecular mechanics calculations. <i>Tetrahedron</i> , 1994, 50, 11213-11218.	1.9	2
22	Partial molar volumes of severely hindered .beta.-diketones with .alpha.-adamantyl groups. <i>Journal of Chemical & Engineering Data</i> , 1993, 38, 356-357.	1.9	1
23	GC-MS Nontargeted Metabolomics of Neural Tissue. <i>Neuromethods</i> , 2021, , 199-219.	0.3	0