

JosÃ© A Manso

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

860
citations

623188

14
h-index

525886

27
g-index

40
all docs

40
docs citations

40
times ranked

1086
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical assessment of protein intrinsic disorder prediction. <i>Nature Methods</i> , 2021, 18, 472-481.	9.0	187
2	DisProt: intrinsic protein disorder annotation in 2020. <i>Nucleic Acids Research</i> , 2020, 48, D269-D276.	6.5	141
3	A Kinetic Approach to the Alkylating Potential of Carcinogenic Lactones. <i>Chemical Research in Toxicology</i> , 2005, 18, 1161-1166.	1.7	41
4	Reactivity of Lactones and GHB Formation. <i>Journal of Organic Chemistry</i> , 2005, 70, 420-426.	1.7	39
5	Combination of X-ray crystallography, SAXS and DEER to obtain the structure of the FnIII-3,4 domains of integrin $\alpha 6 \beta 2$. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 969-985.	2.5	38
6	The Structure of the Plakin Domain of Plectin Reveals an Extended Rod-like Shape. <i>Journal of Biological Chemistry</i> , 2016, 291, 18643-18662.	1.6	36
7	Degradation of carbofuran and carbofuran-derivatives in presence of humic substances under basic conditions. <i>Chemosphere</i> , 2012, 89, 1267-1271.	4.2	32
8	Alkylating Potential of Potassium Sorbate. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 10244-10247.	2.4	27
9	Chemical Reactivity and Biological Activity of Diketene. <i>Chemical Research in Toxicology</i> , 2008, 21, 1964-1969.	1.7	24
10	Influence of anionic and nonionic micelles upon hydrolysis of 3-hydroxycarbofuran. <i>International Journal of Chemical Kinetics</i> , 2011, 43, 402-408.	1.0	20
11	Steric effect in alkylation reactions by <i>N</i> -alkyl- <i>N</i> -nitrosoureas: a kinetic approach. <i>Journal of Physical Organic Chemistry</i> , 2008, 21, 932-938.	0.9	18
12	Reactivity of acrylamide as an alkylating agent: a kinetic approach. <i>Journal of Physical Organic Chemistry</i> , 2010, 23, 171-175.	0.9	17
13	The structural characterization of a glucosylglycerate hydrolase provides insights into the molecular mechanism of mycobacterial recovery from nitrogen starvation. <i>IUCr</i> , 2019, 6, 572-585.	1.0	16
14	Sorbic Acid as an Alkylating Agent. <i>Journal of Solution Chemistry</i> , 2008, 37, 459-466.	0.6	15
15	Functional and structural characterization of synthetic cardosin B-derived rennet. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 6951-6968.	1.7	15
16	The unusual ability of α -angelicalactone to form adducts: A kinetic approach. <i>International Journal of Chemical Kinetics</i> , 2007, 39, 591-594.	1.0	14
17	Sorbate-Nitrite Interactions: Acetonitrile Oxide as an Alkylating Agent. <i>Chemical Research in Toxicology</i> , 2009, 22, 1320-1324.	1.7	14
18	Degradation of carbofuran derivatives in restricted water environments: Basic hydrolysis in AOT-based microemulsions. <i>Journal of Colloid and Interface Science</i> , 2012, 372, 113-120.	5.0	14

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19	Reactivity of the Mutagen 1,4-Dinitro-2-methylpyrrole as an Alkylating Agent. <i>Journal of Organic Chemistry</i> , 2010, 75, 1444-1449.	1.7	12
20	Stability study of Iprodione in alkaline media in the presence of humic acids. <i>Chemosphere</i> , 2013, 92, 1536-1541.	4.2	12
21	Reactivity of Some Products Formed by the Reaction of Sorbic Acid with Sodium Nitrite: Decomposition of 1,4-Dinitro-2-methylpyrrole and Ethylnitrolic Acid. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 11824-11829.	2.4	11
22	Purification and Structural Analysis of Plectin and BPAG1e. <i>Methods in Enzymology</i> , 2016, 569, 177-196.	0.4	11
23	Integrin $\alpha 6 \beta 4$ Recognition of a Linear Motif of Bullous Pemphigoid Antigen BP230 Controls Its Recruitment to Hemidesmosomes. <i>Structure</i> , 2019, 27, 952-964.e6.	1.6	11
24	Influence Prediction of Small Organic Molecules (Ureas and Thioureas) Upon Electrical Percolation of AOT-Based Microemulsions Using Artificial Neural Networks. <i>Tenside, Surfactants, Detergents</i> , 2012, 49, 316-320.	0.5	11
25	Solvent effects in the decomposition reaction of some products formed by the reaction of sorbic acid with sodium nitrite: 1,4-dinitro-2-methylpyrrole and ethylnitrolic acid. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 418-424.	0.9	9
26	Alkaline Fading of Triarylmethyl Carbocations in Self-Assembly Microheterogeneous Media. <i>Progress in Reaction Kinetics and Mechanism</i> , 2011, 36, 139-165.	1.1	9
27	Kinetic study of the neutral and base hydrolysis of diketene. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 438-442.	0.9	7
28	Basic hydrolysis of carbofuran in the presence of cyclodextrins. <i>Supramolecular Chemistry</i> , 2012, 24, 399-405.	1.5	7
29	In silico and crystallographic studies identify key structural features of biliverdin IX α reductase inhibitors having nanomolar potency. <i>Journal of Biological Chemistry</i> , 2018, 293, 5431-5446.	1.6	7
30	Biosynthesis of mycobacterial methylmannose polysaccharides requires a unique 1-O-methyltransferase specific for 3-O-methylated mannosides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 835-844.	3.3	7
31	Reactivity of p-nitrostyrene oxide as an alkylating agent. A kinetic approach to biomimetic conditions. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7016.	1.5	6
32	PSTPIP1-LYP phosphatase interaction: structural basis and implications for autoinflammatory disorders. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 131.	2.4	6
33	Alkylating potential of N-phenyl-N-nitrosourea. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 386-389.	0.9	5
34	Alkylating potential of α, β -unsaturated compounds. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6226.	1.5	5
35	The reactivity of vinyl compounds as alkylating agents. <i>Monatshefte für Chemie</i> , 2012, 143, 723-727.	0.9	5
36	Solvent Effects on the Enthalpy and Entropy of Activation for the Hydrolysis of β -Lactones. <i>Journal of Solution Chemistry</i> , 2008, 37, 451-457.	0.6	4

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37	N-Alkylamines-Based Micelles Aggregation Number Determination by Fluorescence Techniques. Journal of Solution Chemistry, 2011, 40, 2072-2081.	0.6	4
38	Molecular Fingerprints for a Novel Enzyme Family in <i>Actinobacteria</i> with Glucosamine Kinase Activity. MBio, 2019, 10, .	1.8	2