

Kepa Koldo Burusco

List of Publications by Year in descending order

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18
papers

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933447

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469
citing authors

#	ARTICLE	IF	CITATIONS
1	Folding and self-assembling with β^2 -oligomers based on (1R,2S)-2-aminocyclobutane-1-carboxylic acid. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 564-575.	2.8	59
2	miRNases: Novel peptide-oligonucleotide bioconjugates that silence miR-21 in lymphosarcoma cells. <i>Biomaterials</i> , 2017, 122, 163-178.	11.4	37
3	Secondary Structure of Short β^2 -Peptides as the Chiral Expression of Monomeric Building Units: A Rational and Predictive Model. <i>Journal of Organic Chemistry</i> , 2012, 77, 9795-9806.	3.2	30
4	Identification of Rare Lewis Oligosaccharide Conformers in Aqueous Solution Using Enhanced Sampling Molecular Dynamics. <i>Journal of Physical Chemistry B</i> , 2018, 122, 2462-2474.	2.6	28
5	Complexes between methyltestosterone and β^2 -cyclodextrin for application in aquaculture production. <i>Carbohydrate Polymers</i> , 2018, 179, 386-393.	10.2	27
6	Size-Tunable Trehalose-Based Nanocavities: Synthesis, Structure, and Inclusion Properties of Large-Ring Cyclotrehalans. <i>Journal of Organic Chemistry</i> , 2009, 74, 2997-3008.	3.2	20
7	β^2 -Dual TM peptidyl-oligonucleotide conjugates: Role of conformational flexibility in catalytic cleavage of RNA. <i>Biomaterials</i> , 2017, 112, 44-61.	11.4	13
8	NMR detects molecular interactions of graphene with aromatic and aliphatic hydrocarbons in water. <i>2D Materials</i> , 2018, 5, 015003.	4.4	13
9	Molecular tweezers for enantiodiscrimination in NMR: Di(<i>R,R</i>)-1,10-(1-hydroxy-2,2-trifluoroethyl)anthryl]-2,2-trifluoroethyl benzenedicarboxylate. <i>Chirality</i> , 2010, 22, 548-556.	2.0	12
10	Exploring Protein Kinase Conformation Using Swarm-Enhanced Sampling Molecular Dynamics. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 2764-2775.	5.4	12
11	Free Energy Calculations using a Swarm-Enhanced Sampling Molecular Dynamics Approach. <i>ChemPhysChem</i> , 2015, 16, 3233-3241.	2.1	10
12	SAR of Novel 3-Arylisoquinolinones: <i>meta</i> -Substitution on the Aryl Ring Dramatically Enhances Antiproliferative Activity through Binding to Microtubules. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 4783-4797.	6.4	9
13	Strict conformational demands of RNA cleavage in bulge-loops created by peptidyl-oligonucleotide conjugates. <i>Nucleic Acids Research</i> , 2020, 48, 10662-10679.	14.5	7
14	Lead Optimization of Dehydroemetine for Repositioned Use in Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	7
15	Experimental (NMR) and Theoretical (MD Simulations) Studies on the Conformational Preference of Three Cycloalkanols when Included in β^2 -Cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005, 51, 241-247.	1.6	5
16	Configuration and conformation of alfentanil hydrochloride. Conformational study by NMR and theoretical calculations. <i>Magnetic Resonance in Chemistry</i> , 2014, 52, 440-447.	1.9	4
17	Synthesis and structural characterization of a new chiral macrocycle derived from β^2 -(bistrifluoromethyl)-9,10-anthracendimethanol and terephthalic acid. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 65, 419-426.	1.6	2
18	Computational Study of Macroscopic Properties of Macromolecules with Industrial Interest. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2010, 87, 271-279.	1.9	1