Kepa Koldo Burusco

List of Publications by Year
in descending order

18	296	933447 10	888059 17
papers	citations	h-index	g-index

18	18	18	469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SAR of Novel 3-Arylisoquinolinones: meta-Substitution on the Aryl Ring Dramatically Enhances Antiproliferative Activity through Binding to Microtubules. Journal of Medicinal Chemistry, 2022, 65, 4783-4797.	6.4	9
2	Strict conformational demands of RNA cleavage in bulge-loops created by peptidyl-oligonucleotide conjugates. Nucleic Acids Research, 2020, 48, 10662-10679.	14.5	7
3	Lead Optimization of Dehydroemetine for Repositioned Use in Malaria. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	7
4	Identification of Rare Lewis Oligosaccharide Conformers in Aqueous Solution Using Enhanced Sampling Molecular Dynamics. Journal of Physical Chemistry B, 2018, 122, 2462-2474.	2.6	28
5	NMR detects molecular interactions of graphene with aromatic and aliphatic hydrocarbons in water. 2D Materials, 2018, 5, 015003.	4.4	13
6	Complexes between methyltestosterone and Î²-cyclodextrin for application in aquaculture production. Carbohydrate Polymers, 2018, 179, 386-393.	10.2	27
7	miRNases: Novel peptide-oligonucleotide bioconjugates that silence miR-21 in lymphosarcoma cells. Biomaterials, 2017, 122, 163-178.	11.4	37
8	â€˜Dualâ€™ peptidyl-oligonucleotide conjugates: Role of conformational flexibility in catalytic cleavage of RNA. Biomaterials, 2017, 112, 44-61.	11.4	13
9	Free Energy Calculations using a Swarmâ€Enhanced Sampling Molecular Dynamics Approach. ChemPhysChem, 2015, 16, 3233-3241.	2.1	10
10	Exploring Protein Kinase Conformation Using Swarm-Enhanced Sampling Molecular Dynamics. Journal of Chemical Information and Modeling, 2014, 54, 2764-2775.	5.4	12
11	Configuration and conformation of alfentanil hydrochloride. Conformational study by NMR and theoretical calculations. Magnetic Resonance in Chemistry, 2014, 52, 440-447.	1.9	4
12	Secondary Structure of Short Î²-Peptides as the Chiral Expression of Monomeric Building Units: A Rational and Predictive Model. Journal of Organic Chemistry, 2012, 77, 9795-9806.	3.2	30
13	Molecular tweezers for enantiodiscrimination in NMR: Diâ€[R,R)â€1â€[10â€(1â€hydroxyâ€2,2,2â€trifluoroethyl)â€9â€anthryl]â€2,2,2â€trifluoroethyl benzenedicarboxylate. Chirality, 2010, 22, 548-556.	2.6	12
14	Computational Study of Macroscopic Properties of Macromolecules with Industrial Interest. JAOCS, Journal of the American Oil Chemists' Society, 2010, 87, 271-279.	1.9	1
15	Folding and self-assembling with Î²-oligomers based on (1R,2S)-2-aminocyclobutane-1-carboxylic acid. Organic and Biomolecular Chemistry, 2010, 8, 564-575.	2.8	59
16	Synthesis and structural characterization of a new chiral macrocycle derived from Î±,Î±â€²-(bistrifluoromethyl)-9,10-anthracendimethanol and terephthalic acid. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 65, 419-426.	1.6	2
17	Size-Tunable Trehalose-Based Nanocavities: Synthesis, Structure, and Inclusion Properties of Large-Ring Cyclotrehalans. Journal of Organic Chemistry, 2009, 74, 2997-3008.	3.2	20
18	Experimental (NMR) and Theoretical (MD Simulations) Studies on the Conformational Preference of Three Cycloalkanols when Included in Î²-Cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2005, 51, 241-247.	1.6	5