Mechanism of interactions between Hg(II) and Demeton S: an NMR study

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#	Paper	IF	Citations
11	Alkali metal ion catalysis and inhibition in nucleophilic displacement reactions at phosphorus centers: ethyl and methyl paraoxon and ethyl and methyl parathion. *Journal of Organic Chemistry*, **2008**, 73, 923-30	4.2	53
10	31P NMR and ESI-MS studies of metal ion-phosphorus pesticide residue complexes. *Canadian Journal of Chemistry*, **2009**, 87, 433-439	0.9	26
9	Rapidly formed quinalphos complexes with transition metal ions characterized by electrospray ionization mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2013**, 27, 1319-28	2.2	4
8	Are engineered nanomaterials superior adsorbents for removal and pre-concentration of heavy metal cations from water?. *RSC Advances*, **2014**, 4, 46122-46125	3.7	14
7	Investigation of the Nucleophilic Attack of Dichlorvos by Reduced Sulfur Species Using H NMR. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 424-431	5.7	4
6	Review of membrane processes for arsenic removal from drinking water. **2010**, 159-174		2
5	Characterization of the interaction between cadmium and chlorpyrifos with integrative techniques in incurring synergistic hepatoxicity. *PLoS ONE*, **2013**, 8, e59553	3.7	19
4	Theoretical Study of31P NMR Chemical Shifts for Organophosphorus Esters, Their Anions and O,O-Dimethylthiophosphorate Anion with Metal Complexes. *Bulletin of the Korean Chemical Society* , **2008**, 29, 2252-2258	1.2	18
3	Theoretical and Experimental31P NMR and ESI-MS Study of Hg2+Binding to Fenitrothion. *Bulletin of the Korean Chemical Society*, **2009**, 30, 1257-1261	1.2	7
2	31P NMR and ESI-MS Study of Fenitrothion-Copper Ion Complex: Experimental and Theoretical Study. *Bulletin of the Korean Chemical Society*, **2010**, 31, 1339-1342	1.2	6
1	Heterogeneous Catalysis of Lanthanoid Ions for the Hydrolysis of p-Nitrophenyl Phosphate Enhanced by Incorporation to Cyano-Bridged Heterometallic Coordination Polymers. *Journal of Physical Chemistry C*, **2022**, 126, 4365-4373	3.8	1