

Applications of isothermal titration calorimetry in prot

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A Novel Estimation Method of the Distribution of Carboxyl Groups Within Copolymer Particles Using Isothermal Titration Calorimeter. <i>Macromolecular Symposia</i> , 2009, 281, 135-141.	0.4	2
2	Cytotoxic aggregates of α -lactalbumin induced by unsaturated fatty acid induce apoptosis in tumor cells. <i>Chemico-Biological Interactions</i> , 2009, 180, 131-142.	1.7	63
3	Mutational, inhibitory and microcalorimetric analyses of <i>Plasmodium falciparum</i> TMP kinase. Implications for drug discovery. <i>Parasitology</i> , 2009, 136, 11-25.	0.7	41
4	Bioinformatics, Enzymologic Properties, and Comprehensive Tracking of <i>Plasmodium falciparum</i> Nucleoside Diphosphate Kinase. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1321-1327.	0.6	16
6	Survey of the year 2008: applications of isothermal titration calorimetry. <i>Journal of Molecular Recognition</i> , 2010, 23, 395-413.	1.1	59
7	Nuclear receptors in analytics – a fruitful joint venture or a wasteful futility?. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 297-305.	5.8	10
8	Thermodynamics of zinc binding to human S100A2. <i>Molecular Biology</i> , 2010, 44, 832-835.	0.4	12
9	DNA binding, cytotoxicity, and apoptotic-inducing activity of ruthenium(II) polypyridyl complex. <i>Acta Biochimica Et Biophysica Sinica</i> , 2010, 42, 440-449.	0.9	32
10	Oxidative stress induces mainly human centrin 2 polymerisation. <i>International Journal of Radiation Biology</i> , 2010, 86, 657-668.	1.0	14
11	Kinetic analysis of the estrogen receptor alpha using RfS. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 729-735.	1.9	15
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14	Isothermal titration calorimetry: A thermodynamic interpretation of measurements. <i>Journal of Chemical Thermodynamics</i> , 2012, 55, 193-202.	1.0	50
15	The adsorption of an anticancer hydrazone by protein: an unusual static quenching mechanism. <i>RSC Advances</i> , 2012, 2, 501-513.	1.7	67
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17	Isothermal Titration Calorimetry in Supramolecular Chemistry. , 2012, , 67-103.		9
19	Effects of macromolecular crowding on the structural stability of human α -lactalbumin. <i>Acta Biochimica Et Biophysica Sinica</i> , 2012, 44, 703-711.	0.9	62
20	Development of a steady-state FRET-based assay to identify inhibitors of the Keap1-Nrf2 protein-protein interaction. <i>Protein Science</i> , 2013, 22, 1812-1819.	3.1	29

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21	New in silico and conventional in vitro approaches to advance HIV drug discovery and design. <i>Expert Opinion on Drug Discovery</i> , 2013, 8, 83-92.	2.5	5
22	Biophysical characterization of lectin-glycan interactions for therapeutics, vaccines and targeted drug-delivery. <i>Future Medicinal Chemistry</i> , 2014, 6, 2113-2129.	1.1	11
23	Impact of protein and ligand impurities on ITC-derived protein-ligand thermodynamics. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2843-2850.	1.1	21
24	Targeting the heme proteins hemoglobin and myoglobin by janus green blue and study of the dye-protein association by spectroscopy and calorimetry. <i>RSC Advances</i> , 2014, 4, 42706-42715.	1.7	40
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30	Global ITC fitting methods in studies of protein allostery. <i>Methods</i> , 2015, 76, 149-161.	1.9	36
31	Structural insight into equine lentivirus receptor 1. <i>Protein Science</i> , 2015, 24, 633-642.	3.1	5
32	Determination of physical and chemical stability in pressurised metered dose inhalers: potential new techniques. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1661-1675.	2.4	7
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38	Application of isothermal titration calorimeter for screening bitterness-suppressing molecules of quinine. <i>Food Chemistry</i> , 2016, 190, 1007-1012.	4.2	5

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41	Rapid measurement of inhibitor binding kinetics by isothermal titration calorimetry. <i>Nature Communications</i> , 2018, 9, 893.	5.8	43
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51	Characterization and stabilization in process development and product formulation for super large proteinaceous particles. <i>Engineering in Life Sciences</i> , 2020, 20, 451-465.	2.0	10
52	Enzyme Kinetics by Isothermal Titration Calorimetry: Allostery, Inhibition, and Dynamics. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 583826.	1.6	40
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65	Stoichiometry of Signalling Complexes in Immune Cells: Regulation by the Numbers. , 0, , .		0
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