

Angelos Thanassoulas

List of Publications by Year in descending order

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26
papers

362
citations

759233

12
h-index

794594

19
g-index

26
all docs

26
docs citations

26
times ranked

703
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential Role of Sperm-Specific PLC-Zeta in Egg Activation and Male Factor Infertility: An Update. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 28.	3.7	40
2	Arginine end-functionalized poly(L-lysine) dendrigrafts for the stabilization and controlled release of insulin. <i>Journal of Colloid and Interface Science</i> , 2010, 351, 433-441.	9.4	38
3	Structural and Thermodynamic Characterization of Metal Ion Binding in <i>Streptococcus suis</i> Dpr. <i>Journal of Molecular Biology</i> , 2011, 405, 448-460.	4.2	30
4	Distinctive malfunctions of calmodulin mutations associated with heart RyR2-mediated arrhythmic disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2168-2176.	2.4	28
5	Biophysical Analysis of Progressive C-Terminal Truncations of Human Apolipoprotein E4: Insights into Secondary Structure and Unfolding Properties. <i>Biochemistry</i> , 2008, 47, 9071-9080.	2.5	26
6	CdSe nanoparticles dispersed in ferroelectric smectic liquid crystals: Effects upon the smectic order and the smectic- A to chiral smectic- C phase transition. <i>Physical Review E</i> , 2013, 88, 032504.	2.1	25
7	Altered RyR2 regulation by the calmodulin F90L mutation associated with idiopathic ventricular fibrillation and early sudden cardiac death. <i>FEBS Letters</i> , 2014, 588, 2898-2902.	2.8	25
8	Designed positively charged cyclodextrin hosts with enhanced binding of penicillins as carriers for the delivery of antibiotics: The case of oxacillin. <i>International Journal of Pharmaceutics</i> , 2017, 531, 480-491.	5.2	20
9	Thermal unfolding of human BRCA1 BRCT-domain variants. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007, 1774, 772-780.	2.3	16
10	Effect of pH on the structure and stability of <i>Bacillus circulans</i> ssp. <i>alkalophilus</i> phosphoserine aminotransferase: Thermodynamic and crystallographic studies. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 63, 742-753.	2.6	15
11	The stability of the archaeal HU histone-like DNA-binding protein from <i>Thermoplasma volcanium</i> . <i>Extremophiles</i> , 2009, 13, 1-10.	2.3	14
12	Thermodynamic study of the BRCT domain of BARD1 and its interaction with the -pSER-X-X-Phe-motif-containing BRIP1 peptide. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 1908-1916.	2.3	12
13	Mutations in PLC γ 1 associated with hereditary leukonychia display divergent PIP $_2$ hydrolytic function. <i>FEBS Journal</i> , 2016, 283, 4502-4514.	4.7	12
14	Orientation of Biotin-Binding Sites in Streptavidin Adsorbed onto the Surface of Polythiophene Films. <i>Langmuir</i> , 2019, 35, 3058-3066.	3.5	9
15	Hypertrophic cardiomyopathy-linked variants of cardiac myosin-binding protein C3 display altered molecular properties and actin interaction. <i>Biochemical Journal</i> , 2018, 475, 3933-3948.	3.7	8
16	Arrhythmogenic calmodulin E105A mutation alters cardiac RyR2 regulation leading to cardiac dysfunction in zebrafish. <i>Annals of the New York Academy of Sciences</i> , 2019, 1448, 19-29.	3.8	7
17	ATP interacts with the CPVT mutation-associated central domain of the cardiac ryanodine receptor. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4426-4432.	2.4	6
18	The effect of cations on reversibility and thermodynamic stability during thermal denaturation of lysozyme. <i>Journal of Chemical Thermodynamics</i> , 2018, 118, 331-337.	2.0	6

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19	Cooperative heterodimer formation between per-guadinylated and carboxylated or phosphorylated cyclodextrins in DMSO and DMSO-water studied by NMR spectroscopy and microcalorimetry. <i>Supramolecular Chemistry</i> , 2011, 23, 493-500.	1.2	5
20	From Nucleobases to Nucleolipids: An ITC Approach on the Thermodynamics of Their Interactions in Aqueous Solutions. <i>Journal of Physical Chemistry B</i> , 2014, 118, 6570-6585.	2.6	5
21	Comparative Experimental and Computational Study of Monoalkyl Chain Phosphatidylcholine-Containing Thermoresponsive Liposomes. <i>Journal of Physical Chemistry B</i> , 2016, 120, 5417-5428.	2.6	5
22	Thermal and chemical denaturation of the BRCT functional module of human 53BP1. <i>International Journal of Biological Macromolecules</i> , 2011, 49, 297-304.	7.5	4
23	Biodosimetry for High-Dose Exposures Based on Dicentric Analysis in Lymphocytes Released from the G2-Block by Caffeine. <i>Radiation Protection Dosimetry</i> , 2016, 172, 230-237.	0.8	4
24	Studies on the Essential Intramolecular Interaction Between the A1 and A2 Domains of von Willebrand Factor. <i>Protein and Peptide Letters</i> , 2013, 20, 231-240.	0.9	1
25	Isothermal Titration Calorimetry: A Powerful Tool for the Characterization of Molecular Interactions. <i>Series in Bioengineering</i> , 2019, , 63-103.	0.6	1
26	Thermodynamic characterization of poly(4-hydroxystyrene)-g-[poly(propyleneoxide-b-ethylene oxide)] thermoresponsive brush copolymers. <i>Thermochimica Acta</i> , 2016, 638, 89-95.	2.7	0