Giuseppe Graziano

List of Publications by Year
in descending order

186	4,035	109321	161849
papers	citations	35 h-index	54 g-index

188	188	188	3063
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DSC studies on bovine serum albumin denaturation Effects of ionic strength and SDS concentration. International Journal of Biological Macromolecules, 1997, 20, 193-204.	7.5	198
2	A Two-State Model of Hydrophobic Hydration That Produces Compensating Enthalpy and Entropy Changes. Journal of the American Chemical Society, 1996, 118, 5163-5168.	13.7	179
3	On the temperature-induced coil to globule transition of poly-N-isopropylacrylamide in dilute aqueous solutions. International Journal of Biological Macromolecules, 2000, 27, 89-97.	7.5	154
4	Molecular bases of protein halotolerance. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 850-858.	2.3	105
5	On the size dependence of hydrophobic hydration. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 3345-3352.	1.7	104
6	Scaled Particle Theory Study of the Length Scale Dependence of Cavity Thermodynamics in Different Liquids. Journal of Physical Chemistry B, 2006, 110, 11421-11426.	2.6	95
7	On the Solubility of Aliphatic Hydrocarbons in 7 M Aqueous Urea. Journal of Physical Chemistry B, 2001, 105, 2632-2637.	2.6	77
8	On the mechanism of cold denaturation. Physical Chemistry Chemical Physics, 2014, 16, 21755-21767.	2.8	71
9	Water: cavity size distribution and hydrogen bonds. Chemical Physics Letters, 2004, 396, 226-231.	2.6	70
10	On the molecular origin of cold denaturation of globular proteins. Physical Chemistry Chemical Physics, 2010, 12, 14245.	2.8	70
11	Onconase:Â An Unusually Stable Proteinâ€. Biochemistry, 2000, 39, 8711-8718.	2.5	68
12	Hydration of Aromatic Hydrocarbons. Journal of Physical Chemistry B, 2001, 105, 10367-10372.	2.6	68
13	Dimerization Thermodynamics of Large Hydrophobic Plates: A Scaled Particle Theory Study. Journal of Physical Chemistry B, 2009, 113, 11232-11239.	2.6	66
14	Salting out of methane by sodium chloride: A scaled particle theory study. Journal of Chemical Physics, 2008, 129, 084506.	3.0	65
15	An alternative explanation of the cononsolvency of poly(N-isopropylacrylamide) in waterâ€“methanol solutions. Physical Chemistry Chemical Physics, 2016, 18, 25601-25608.	2.8	63
16	Benzene solubility in water: A reassessment. Chemical Physics Letters, 2006, 429, 114-118.	2.6	62
17	Denaturing action of urea and guanidine hydrochloride towards two thermophilic esterases. Biochemical Journal, 2002, 367, 857-863.	3.7	61
18	Structural determinants of the high thermal stability of SsoPox from the hyperthermophilic archaeon Sulfolobus solfataricus. Extremophiles, 2009, 13, 461-470.	2.3	60

#	Article	IF	Citations
19	How does trimethylamine N-oxide counteract the denaturing activity of urea?. Physical Chemistry Chemical Physics, 2011, 13, 17689.	2.8	55
20	Thermodynamic analysis of the effect of selective monodeamidation at asparagine 67 in ribonuclease A. Protein Science, 1997, 6, 1682-1693.	7.6	52
21	Contrasting the denaturing effect of guanidinium chloride with the stabilizing effect of guanidinium sulfate. Physical Chemistry Chemical Physics, 2011, 13, 12008.	2.8	52
22	Relationship between cohesive energy density and hydrophobicity. Journal of Chemical Physics, 2004, 121, 1878-1882.	3.0	48
23	Entropy convergence in hydrophobic hydration: a scaled particle theory analysis. Biophysical Chemistry, 2003, 105, 241-250.	2.8	47
24	On the Intactness of Hydrogen Bonds around Nonpolar Solutes Dissolved in Water. Journal of Physical Chemistry B, 2005, 109, 8103-8107.	2.6	46
25	Comment on â€œReevaluation in Interpretation of Hydrophobicity by Scaled Particle Theoryâ€. Journal of Physical Chemistry B, 2002, 106, 7713-7716.	2.6	45
26	Hydration thermodynamics of aliphatic alcohols. Physical Chemistry Chemical Physics, 1999, 1, 3567-3576.	2.8	43
27	Size dependence of the solubility of nonpolar compounds in different solvents. Canadian Journal of Chemistry, 2002, 80, 401-412.	1.1	42
28	Contribution of Chain Termini to the Conformational Stability and Biological Activity of Onconase. Biochemistry, 2001, 40, 9097-9103.	2.5	41
29	A purely geometric derivation of the scaled particle theory formula for the work of cavity creation in a liquid. Chemical Physics Letters, 2007, 440, 221-223.	2.6	41
30	Hydrophobicity of benzene. Biophysical Chemistry, 1999, 82, 69-79.	2.8	40
31	Comment on â€œWaterâ€™s Structure around Hydrophobic Solutes and the Iceberg Modelâ€. Journal of Physical Chemistry B, 2014, 118, 2598-2599.	2.6	40
32	On the cavity size distribution in water and n-hexane. Biophysical Chemistry, 2003, 104, 393-405.	2.8	39
33	On the effect of sodium salts on the coil-to-globule transition of poly(N-isopropylacrylamide). Physical Chemistry Chemical Physics, 2015, 17, 27750-27757.	2.8	39
34	Entropy Convergence in the Hydration Thermodynamics of n-Alcohols. Journal of Physical Chemistry B, 2005, 109, 12160-12166.	2.6	36
35	On the Solvent Isotope Effect in Hydrophobic Hydration. Journal of Physical Chemistry B, 2000, 104, 9249-9254.	2.6	35
36	The Gibbs energy cost of cavity creation depends on geometry. Journal of Molecular Liquids, 2015, 211, 1047-1051.	4.9	35

#	Article	IF	Citations
37	On the temperature dependence of hydration thermodynamics for noble gases. Physical Chemistry Chemical Physics, 1999, 1, 1877-1886.	2.8	34
38	Temperature- and Denaturant-Induced Unfolding of Two Thermophilic Esterases. Biochemistry, 2002, 41, 1364-1371.	2.5	34
39	Shedding light on the extra thermal stability of thermophilic proteins. Biopolymers, 2016, 105, 856-863.	2.4	33
40	Temperature-Induced Denaturation of Ribonuclease S:Â A Thermodynamic Studyâ€. Biochemistry, 1996, 35, 13378-13385.	2.5	32
41	How does sucrose stabilize the native state of globular proteins?. International Journal of Biological Macromolecules, 2012, 50, 230-235.	7.5	32
42	Case study of enthalpyâ€“entropy noncompensation. Journal of Chemical Physics, 2004, 120, 4467-4471.	3.0	31
43	Hydration entropy of polar, nonpolar and charged species. Chemical Physics Letters, 2009, 479, 56-59.	2.6	31
44	Contrasting the hydration thermodynamics of methane and methanol. Physical Chemistry Chemical Physics, 2019, 21, 21418-21430.	2.8	30
45	DSC Study of the Thermal Stability of S-Protein and S-Peptide/S-Protein Complexesâ€. Biochemistry, 1996, 35, 13386-13392.	2.5	29
46	Differential Scanning Calorimetry Study of the Thermodynamic Stability of Some Mutants of Sso7d from Sulfolobus solfataricus. Biochemistry, 1998, 37, 10493-10498.	2.5	29
47	Role of salts on the strength of pairwise hydrophobic interaction. Chemical Physics Letters, 2009, 483, 67-71.	2.6	26
48	On the pairwise hydrophobic interaction of fullerene. Chemical Physics Letters, 2010, 499, 79-82.	2.6	26
49	Size and temperature dependence of hydrocarbon solubility in concentrated aqueous solutions of urea and guanidine hydrochloride. Canadian Journal of Chemistry, 2002, 80, 388-400.	1.1	24
50	Structural and dynamic effects of Î±-Helix deletion in Sso7d: Implications for protein thermal stability. Proteins: Structure, Function and Bioinformatics, 2004, 57, 692-701.	2.6	24
51	On urea's ability to stabilize the globule state of poly(N-isopropylacrylamide). Physical Chemistry Chemical Physics, 2016, 18, 14426-14433.	2.8	24
52	Shedding light on the hydrophobicity puzzle. Pure and Applied Chemistry, 2016, 88, 177-188.	1.9	24
53	Cavity Thermodynamics and Hydrophobicity. Journal of the Physical Society of Japan, 2000, 69, 1566-1569.	1.6	22
54	Thermal Stability and DNA Binding Activity of a Variant Form of the Sso7d Protein from the Archeon Sulfolobus solfataricus Truncated at Leucine 54. Biochemistry, 2003, 42, 8362-8368.	2.5	22

#	Article	IF	Citations
55	Significance of the Tolman length at a molecular level. Chemical Physics Letters, 2010, 497, 33-36.	2.6	22
56	A driving force for polypeptide and protein collapse. Physical Chemistry Chemical Physics, 2017, 19, 751-756.	2.8	22
57	Counteraction of denaturant-induced protein unfolding is a general property of stabilizing agents. Physical Chemistry Chemical Physics, 2018, 20, 29389-29398.	2.8	22
58	Prediction of the heat capacity change on thermal denaturation of globular proteins. Thermochimica Acta, 1998, 321, 23-31.	2.7	21
59	On the Salting Out of Benzene by Alkali Chlorides. Journal of Chemical & Engineering Data, 2009, 54, 464-467.	1.9	21
60	Effect of NaCl on the conformational stability of the thermophilic Î³-glutamyltranspeptidase from Geobacillus thermodenitrificans: Implication for globular protein halotolerance. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 149-157.	2.3	21
61	From Ribonuclease A toward Bovine Seminal Ribonuclease:Â A Step by Step Thermodynamic Analysisâ€. Biochemistry, 1997, 36, 14403-14408.	2.5	20
62	Rate enhancement of Dielsâ€“Alder reactions in aqueous solutions. Journal of Physical Organic Chemistry, 2004, 17, 100-101.	1.9	20
63	Non-intrinsic contribution to the partial molar volume of cavities in water. Chemical Physics Letters, 2006, 429, 420-424.	2.6	19
64	Comment on â€œThe Mechanism of Hydrophobic Solvation Depends on Solute Radiusâ€• J. Phys. Chem. B 2000, 104, 1326. Journal of Physical Chemistry B, 2001, 105, 2079-2081.	2.6	18
65	Cavity contact correlation function of water from scaled particle theory. Chemical Physics Letters, 2006, 432, 84-87.	2.6	18
66	Hydrophobic interaction of two large plates: An analysis of salting-in/salting-out effects. Chemical Physics Letters, 2010, 491, 54-58.	2.6	18
67	Counteraction ability of TMAO toward different denaturing agents. Biopolymers, 2018, 109, e23104.	2.4	18
68	Solvation thermodynamics of xenon in n-alkanes, n-alcohols and water. Biophysical Chemistry, 2003, 105, 371-382.	2.8	17
69	Partial molar volume of n-alcohols at infinite dilution in water calculated by means of scaled particle theory. Journal of Chemical Physics, 2006, 124, 134507.	3.0	17
70	On the cold denaturation of globular proteins. Chemical Physics Letters, 2008, 467, 150-153.	2.6	17
71	Exploring the unfolding mechanism of Î³-glutamyltranspeptidases: The case of the thermophilic enzyme from Geobacillus thermodenitrificans. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 571-577.	2.3	17
72	Aliphatics vs. aromatics hydration thermodynamics. Biophysical Chemistry, 2004, 110, 249-258.	2.8	16

#	Article	IF	Citations
73	Role of the N-terminal region for the conformational stability of esterase 2 from Alicyclobacillus acidocaldarius. Biophysical Chemistry, 2007, 127, 113-122.	2.8	16
74	Dimerisation and structural integrity of Heparin Binding Hemagglutinin A from Mycobacterium tuberculosis: Implications for bacterial agglutination. FEBS Letters, 2010, 584, 1091-1096.	2.8	16
75	A rationale for the contrasting activity (towards globular proteins) of tert-butyl alcohol and trimethylamine N-oxide. Physical Chemistry Chemical Physics, 2012, 14, 13088.	2.8	16
76	Molecular driving forces of the pocketâ€“ligand hydrophobic association. Chemical Physics Letters, 2012, 533, 95-99.	2.6	16
77	Hydrostatic pressure effect on hydrophobic hydration and pairwise hydrophobic interaction of methane. Journal of Chemical Physics, 2014, 140, 094503.	3.0	16
78	Guanidine-Induced Denaturation of Î²-Glycosidase fromSulfolobussolfataricusExpressed inEscherichiacoliâ€. Biochemistry, 1998, 37, 14484-14490.	2.5	15
79	On the thermal stability of the two dimeric forms of ribonuclease A. Biophysical Chemistry, 2005, 116, 89-95.	2.8	15
80	Thermodynamics of dissolving gaseous argon in different solvents. Canadian Journal of Chemistry, 1998, 76, 437-444.	1.1	14
81	Hydration Thermodynamics of N-Methylacetamide. Journal of the Physical Society of Japan, 2000, 69, 3720-3725.	1.6	14
82	Cavity size distribution in the interior of globular proteins. Chemical Physics Letters, 2007, 434, 316-319.	2.6	14
83	Hydration entropy change from the hard sphere model. Biophysical Chemistry, 2002, 101-102, 173-185.	2.8	13
84	Sâ€adenosylhomocysteine hydrolase from the archaeon Pyrococcus furiosus: Biochemical characterization and analysis of protein structure by comparative molecular modeling. Proteins: Structure, Function and Bioinformatics, 2005, 58, 815-825.	2.6	13
85	Chemical Denaturation of the Elongation Factor 1Î± Isolated from the Hyperthermophilic ArchaeonSulfolobus solfataricusâ€. Biochemistry, 2006, 45, 719-726.	2.5	13
86	Cold unfolding of Î²â€hairpins: A molecularâ€level rationalization. Proteins: Structure, Function and Bioinformatics, 2011, 79, 1739-1746.	2.6	13
87	Thermal and Chemical Stability of Two Homologous POZ/BTB Domains of KCTD Proteins Characterized by a Different Oligomeric Organization. BioMed Research International, 2013, 2013, 1-8.	1.9	13
88	Proline 235 plays a key role in the regulation of the oligomeric states of Thermotoga maritima Arginine Binding Protein. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 814-824.	2.3	13
89	Solvation Thermodynamics of Water in Nonpolar Organic Solvents Indicate the Occurrence of Nontraditional Hydrogen Bonds. Journal of Physical Chemistry B, 2005, 109, 981-985.	2.6	11
90	On the heat-capacity change of pairwise hydrophobic interactions. Journal of Chemical Physics, 2005, 123, 034509.	3.0	11

#	Article	IF	Citations
91	Stability against temperature of Sulfolobus solfataricus elongation factor 1Î±, a multi-domain protein. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 573-581.	2.3	11
92	Hydrophobicity in modified water models. Chemical Physics Letters, 2008, 452, 259-263.	2.6	11
93	Effect of trifluoroethanol on the conformational stability of a hyperthermophilic esterase: a CD study. Biophysical Chemistry, 2003, 104, 407-415.	2.8	10
94	Comment on â€œDo Molecules as Small as Neopentane Induce a Hydrophobic Response Similar to That of Large Hydrophobic Surfaces?â€• Journal of Physical Chemistry B, 2004, 108, 9371-9372.	2.6	10
95	Guanidine-induced unfolding of the Sso7d protein from the hyperthermophilic archaeon Sulfolobus solfataricus. International Journal of Biological Macromolecules, 2004, 34, 195-201.	7.5	10
96	Cavity thermodynamics and surface tension of water. Chemical Physics Letters, 2007, 442, 307-310.	2.6	10
97	Cavity thermodynamics in the Gaussian model of particle density fluctuations. Chemical Physics Letters, 2007, 446, 313-316.	2.6	10
98	Is there a relationship between protein thermal stability and the denaturation heat capacity change?. Journal of Thermal Analysis and Calorimetry, 2008, 93, 429-438.	3.6	10
99	On the superhydrophobicity of tetrafluoromethane. Chemical Physics Letters, 2008, 460, 470-473.	2.6	10
100	Circular dichroism study of ribonuclease A mutants containing the minimal structural requirements for dimerization and swapping. International Journal of Biological Macromolecules, 1998, 23, 277-285.	7.5	9
101	Solvation thermodynamics in a van der Waals liquid. Thermochimica Acta, 2003, 399, 181-187.	2.7	9
102	Denaturant-Induced Unfolding of the Acetyl-Esterase from Escherichia coli. Biochemistry, 2004, 43, 14637-14643.	2.5	9
103	On the hydration heat capacity change of benzene. Biophysical Chemistry, 2005, 116, 137-144.	2.8	9
104	Energetics of the contact minimum configuration of two hard spheres in water. Chemical Physics Letters, 2017, 685, 54-59.	2.6	9
105	Water and cold denaturation of small globular proteins. Journal of Molecular Liquids, 2018, 264, 579-584.	4.9	9
106	The characterization of Thermotoga maritima Arginine Binding Protein variants demonstrates that minimal local strains have an important impact on protein stability. Scientific Reports, 2019, 9, 6617.	3.3	9
107	Effect of sodium thiocyanate and sodium perchlorate on poly(N-isopropylacrylamide) collapse. Physical Chemistry Chemical Physics, 2020, 22, 189-195.	2.8	9
108	Can the roles of polar and non-polar moieties be reversed in non-polar solvents?. Physical Chemistry Chemical Physics, 2020, 22, 25848-25858.	2.8	9

#	Article	IF	Citations
109	Linkage of proton binding to the thermal unfolding of Sso7d from the hyperthermophilic archaebacterium Sulfolobus solfataricus. International Journal of Biological Macromolecules, 1999, 26, 45-53.	7.5	8
110	Solvation of a water molecule in cyclohexane and water. Canadian Journal of Chemistry, 2001, 79, 105-109.	1.1	8
111	A van der Waals approach to the entropy convergence phenomenon. Physical Chemistry Chemical Physics, 2004, 6, 406.	2.8	8
112	Waterâ€™s surface tension and cavity thermodynamics. Journal of Thermal Analysis and Calorimetry, 2008, 91, 73-77.	3.6	8
113	On the solubility of long n-alkanes in water at room temperature. Chemical Physics Letters, 2011, 511, 262-265.	2.6	8
114	On the salting in effect of tetraalkylammonium bromides. Chemical Physics Letters, 2011, 505, 26-30.	2.6	8
115	On the magnitude of border thickness in the partial molar volume of cavities in water. Chemical Physics Letters, 2013, 570, 46-49.	2.6	8
116	On the effect of hydrostatic pressure on the conformational stability of globular proteins. Biopolymers, 2015, 103, 711-718.	2.4	8
117	Hydrostatic pressure effect on PNIPAM cononsolvency in water-methanol solutions. Biophysical Chemistry, 2017, 231, 34-38.	2.8	8
118	Effect of heavy water on the conformational stability of globular proteins. Biopolymers, 2018, 109, e23076.	2.4	8
119	Why does urea have a different effect on the collapse temperature of PDEAM and PNIPAM?. Journal of Molecular Liquids, 2019, 285, 204-212.	4.9	8
120	Comment on â€œA simple molecular thermodynamic theory of hydrophobic hydrationâ€•[J. Chem. Phys.116, 2907 (2002)]. Journal of Chemical Physics, 2003, 119, 10448-10449.	3.0	7
121	Comment on â€œHydrophobic effects on partial molar volumeâ€•[J. Chem. Phys. 122, 094509 (2005)]. Journal of Chemical Physics, 2005, 123, 167103.	3.0	7
122	Conformational stability and DNA binding energetics of the rat thyroid transcription factor 1 homeodomain. Proteins: Structure, Function and Bioinformatics, 2008, 70, 748-760.	2.6	7
123	Cold denaturation in the Schellmanâ€“Brandts model of globular proteins. Chemical Physics Letters, 2010, 486, 65-69.	2.6	7
124	Mechanism of 3<scp>D</scp> domain swapping in bovine seminal ribonuclease. FEBS Journal, 2014, 281, 842-850.	4.7	7
125	Temperature Dependence of the Pairwise Association of Hard Spheres in Water. Journal of the Physical Society of Japan, 2016, 85, 024801.	1.6	7
126	Why does TMAO stabilize the globule state of PNIPAM?. Polymer, 2017, 124, 101-106.	3.8	7

#	Article	IF	Citations
127	Solvation thermodynamics of cycloheÃ—ane. Canadian Journal of Chemistry, 2000, 78, 1233-1241.	1.1	7
128	Solvation thermodynamics of cyclohexane. Canadian Journal of Chemistry, 2000, 78, 1233-1241.	1.1	6
129	Comment on â€œEntropy/enthalpy compensation: hydrophobic effect, micelles and protein complexesâ€•by E. Fisicaro, C. Compari and A. Braibanti, Phys. Chem. Chem. Phys., 2004, 6, 4156. Physical Chemistry Chemical Physics, 2005, 7, 1322-1323.	2.8	6
130	On the effect of low concentrations of alcohols on the conformational stability of globular proteins. Physical Chemistry Chemical Physics, 2012, 14, 2769.	2.8	6
131	On the ability of trehalose to offset the denaturing activity of urea. Chemical Physics Letters, 2013, 556, 292-296.	2.6	6
132	Comment on â€œThermal compaction of the intrinsically disordered protein tau: entropic, structural, and hydrophobic factorsâ€•by A. Battisti, G. Ciasca, A. Grottesi and A. Tenenbaum, Phys. Chem. Chem. Phys., 2017, 19, 8435. Physical Chemistry Chemical Physics, 2018, 20, 690-693.	2.8	6
133	A reassessment of entropy convergence in solvation thermodynamics. Journal of Molecular Liquids, 2018, 269, 119-125.	4.9	6
134	Guanidinium binding to proteins: The intriguing effects on the D1 and D2 domains of Thermotoga maritima Arginine Binding Protein and a comprehensive analysis of the Protein Data Bank. International Journal of Biological Macromolecules, 2020, 163, 375-385.	7.5	6
135	Shape effect on non-covalent dimer stability using classic scaled particle theory. Chemical Physics Letters, 2020, 743, 137176.	2.6	6
136	Why small proteins tend to have high denaturation temperatures. Physical Chemistry Chemical Physics, 2020, 22, 16258-16266.	2.8	6
137	The magnitude of macromolecular crowding caused by Dextran and Ficoll for the conformational stability of globular proteins. Journal of Molecular Liquids, 2021, 322, 114969.	4.9	6
138	Solvation of a water molecule in cycloheÃ—ane and water. Canadian Journal of Chemistry, 2001, 79, 105-109.	1.1	6
139	Enthalpic and entropic consequences of the removal of disulfide bridges in ribonuclease A. Thermochimica Acta, 2000, 364, 165-172.	2.7	5
140	An analysis of the hydration thermodynamics of the CONH group. Canadian Journal of Chemistry, 2001, 79, 1310-1320.	1.1	5
141	Comment on â€œThe hydrophobic effect and its role in cold denaturationâ€•Cryobiology 60 (2010) 91â€“99. Cryobiology, 2010, 60, 354-355.	0.7	5
142	Molecular dynamics study of the conformational stability of esterase 2 from Alicyclobacillus acidocaldarius. International Journal of Biological Macromolecules, 2011, 49, 1072-1077.	7.5	5
143	Role of solvent accessible surface area in the conformational equilibrium of n-butane in liquids. Chemical Physics Letters, 2011, 502, 180-183.	2.6	5
144	On the cononsolvency behaviour of hydrophobic clusters in waterâ€“methanol solutions. Physical Chemistry Chemical Physics, 2018, 20, 7230-7235.	2.8	5

#	Article	IF	Citations
145	Domain communication in Thermotoga maritima Arginine Binding Protein unraveled through protein dissection. International Journal of Biological Macromolecules, 2018, 119, 758-769.	7.5	5
146	General Counteraction Exerted by Sugars against Denaturants. Life, 2021, 11, 652.	2.4	5
147	A Protein Data Bank survey of multimodal binding of thiocyanate to proteins: Evidence for thiocyanate promiscuity. International Journal of Biological Macromolecules, 2022, 208, 29-36.	7.5	5
148	Comment on â€œThe hydrophobic effectâ€•by B. Widom, P. Bhimalapuram and K. Koga, Phys. Chem. Chem. Phys., 2003,5, 3085. Physical Chemistry Chemical Physics, 2004, 6, 4527-4528.	2.8	4
149	Temperature-induced denaturation of Aes acetyl-esterase from Escherichia coli. Thermochimica Acta, 2006, 441, 144-149.	2.7	4
150	Solvation thermodynamics of methane and ethane in dimethyl sulfoxide and acetone versus water. Chemical Physics Letters, 2007, 449, 120-125.	2.6	4
151	Role of hydrophobic effect in the saltâ€‹induced dimerization of bovine Î²â€‹actoglobulin at pH 3. Biopolymers, 2009, 91, 1182-1188.	2.4	4
152	A view on the dogma of hydrophobic imperialism in protein folding. Journal of Biomolecular Structure and Dynamics, 2013, 31, 1016-1019.	3.5	4
153	A theoretical study on the spectral and electrochemical properties of Ferrocene in different solvents. Inorganica Chimica Acta, 2013, 407, 82-90.	2.4	4
154	On the solubility of oxygen and xenon in n-hexane and n-perfluorohexane at room temperature. Journal of Thermal Analysis and Calorimetry, 2017, 130, 497-501.	3.6	4
155	Hydrophobic hydration and pairwise hydrophobic interaction of Lennard-Jones and Mie particles in different water models. Physical Chemistry Chemical Physics, 2020, 22, 4758-4771.	2.8	4
156	On the Effect of Sodium Chloride and Sodium Sulfate on Cold Denaturation. PLoS ONE, 2015, 10, e0133550.	2.5	4
157	Comment on â€œFree Energy of Transfer of a Solute and Its Relation to the Partition Constantâ€• Journal of Physical Chemistry B, 2005, 109, 17768-17769.	2.6	3
158	Comment on â€œPhenomenological similarities between protein denaturation and small-molecule dissolution: Insights into the mechanism driving the thermal resistance of globular proteinsâ€• (Proteins 2004;54:323-332). Proteins: Structure, Function and Bioinformatics, 2006, 64, 789-791.	2.6	3
159	Hard sphere study of condensation entropy. Chemical Physics Letters, 2008, 459, 105-108.	2.6	3
160	On the partitioning of benzene between water and n-alkanes. Chemical Physics Letters, 2010, 486, 44-47.	2.6	3
161	An alternative explanation for the collapse of unfolded proteins in an aqueous mixture of urea and guanidinium chloride. Chemical Physics Letters, 2014, 612, 313-317.	2.6	3
162	Comment on â€œRelating side chain organization of PNIPAm with its conformation in aqueous methanolâ€•by D. Mukherji, M. Wagner, M. D. Watson, S. Winzen, T. E. de Oliveira, C. M. Marques and K. Kremer, Soft Matter, 2016, 12, 7995. Soft Matter, 2017, 13, 7698-7700.	2.7	3

#	Article	IF	Citations
163	On the opposite effect of guanidinium chloride and guanidinium sulphate on the kinetics of the Diels-Alder reaction. Journal of Molecular Liquids, 2019, 275, 100-104.	4.9	3
164	Is water a good solvent for the denatured state of globular proteins?. Chemical Physics Letters, 2020, 759, 137949.	2.6	3
165	Some Clues about Enzymes from Psychrophilic Microorganisms. Microorganisms, 2022, 10, 1161.	3.6	3
166	On the pH dependence of thermodynamic stability of Î±-amylase inhibitor tendamistat. Thermochimica Acta, 2000, 345, 59-66.	2.7	2
167	Comment on â€œGlobal thermodynamics of hydrophobic cavitation, dewetting, and hydrationâ€•[J. Chem. Phys. 123, 184504 (2005)]. Journal of Chemical Physics, 2006, 125, 037101.	3.0	2
168	On the cooperativity of the thermal denaturation of mini-proteins. Journal of Thermal Analysis and Calorimetry, 2008, 91, 57-60.	3.6	2
169	Reply to the comment by Setny, Baron and McCammon on the article â€œMolecular driving forces of the pocket-ligand hydrophobic associationâ€, Chem. Phys. Lett. 533 (2012) 95. Chemical Physics Letters, 2013, 555, 310-311.	2.6	2
170	Comment on â€œThe application of the thermodynamic perturbation theory to study the hydrophobic hydrationâ€•[J. Chem. Phys. 139, 024101 (2013)]. Journal of Chemical Physics, 2013, 139, 127101.	3.0	2
171	On the signature of the hydrophobic effect at a single molecule level. Physical Chemistry Chemical Physics, 2013, 15, 7389.	2.8	2
172	Pairwise association of neopentane as a function of hydrostatic pressure. Chemical Physics Letters, 2014, 616-617, 44-48.	2.6	2
173	On the extraordinary pressure stability of the Thermotoga maritima arginine binding protein and its folded fragments â€“ a high-pressure FTIR spectroscopy study. Physical Chemistry Chemical Physics, 2020, 22, 11244-11248.	2.8	2
174	N-methylacetamide is a solvent better than water for amino acid side chains: A rationalization grounded in the solvent-excluded volume effect. Chemical Physics Letters, 2021, 762, 138160.	2.6	2
175	Comment on â€œThe Gibbs free energy of cavity formation in a diverse set of solventsâ€•[J. Chem. Phys. 153, 134501 (2020)]. Journal of Chemical Physics, 2021, 154, 187101.	3.0	2
176	Domains in bovine seminal ribonuclease. Journal of Thermal Analysis and Calorimetry, 2008, 91, 61-66.	3.6	1
177	Conformational Stability of Esterase Enzymes from Different Sources. Protein and Peptide Letters, 2009, 16, 1201-1206.	0.9	1
178	Solvation and pairwise association in a 2D fluid. Journal of Thermal Analysis and Calorimetry, 2011, 103, 1125-1130.	3.6	1
179	On the effect of trimethylamine N-oxide on the conformational equilibrium of the chaperone Hsp90. Chemical Physics Letters, 2012, 546, 141-143.	2.6	1
180	Probability of cavity creation in water and corresponding Lennard-Jones liquid. Journal of Molecular Liquids, 2017, 229, 358-361.	4.9	1

#	Article	IF	Citations
181	Comment on â€œOn the positional and orientational order of water and methanol around indole: a study on the microscopic origin of solubilityâ€•Phys. Chem. Chem. Phys., 2016, 18, 23006. Physical Chemistry Chemical Physics, 2018, 20, 2113-2115.	2.8	1
182	On the ability of classic scaled particle theory to reproduce the cavity contact correlation function of water over a large hydrostatic pressure range. Journal of Molecular Liquids, 2018, 263, 243-246.	4.9	1
183	A Rationalization of the Effect That TMAO, Glycine, and Betaine Exert on the Collapse of Elastin-like Polypeptides. Life, 2022, 12, 140.	2.4	1
184	A simple model of protein cold denaturation. Chemical Physics Letters, 2022, 794, 139504.	2.6	1
185	Thermal Stability of Onconase and Some Mutant Forms. Biocatalysis and Biotransformation, 2001, 19, 459-468.	2.0	0
186	Why Do Tetrapropylammonium Chloride and Sulphate Salts Destabilize the Native State of Globular Proteins?. Scientific World Journal, The, 2014, 2014, 1-4.	2.1	0