Swagata Dasgupta

List of Publications by Year
in descending order

163	4,326	109264	149623
papers	citations	35 h-index	56 g-index

169	169	169	5062
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancing the properties of films prepared from the cataractous eye protein isolate (CEPI) for potential biomedical applications. Emergent Materials, 2022, 5, 621-629.	3.2	2
2	Nanoencapsulation as a Promising Platform for the Delivery of the Morin-Cu(II) Complex: Antibacterial and Anticancer Potential. ACS Omega, 2022, 7, 7931-7944.	1.6	11
3	Î²-cyclodextrin encapsulation of curcumin elicits an altered mode of angiogenin inhibition: In vitro and in vivo studies. International Journal of Biological Macromolecules, 2022, 208, 654-666.	3.6	4
4	Crescent-shaped meta-substituted benzene derivatives as a new class of non-nucleoside ribonuclease A inhibitors. Bioorganic and Medicinal Chemistry, 2022, 71, 116888.	1.4	4
5	Positional preferences in flavonoids for inhibition of ribonuclease A: Where â€œï£¿<scp>OH</scp>â€• where?. Proteins: Structure, Function and Bioinformatics, 2021, 89, 577-587.	1.5	1
6	Enhancement of angiogenin inhibition by polyphenolâ€capped gold nanoparticles. Biopolymers, 2021, 112, e23429.	1.2	7
7	Design of configuration-restricted triazolylated Î²-<scp>d</scp>-ribofuranosides: a unique family of crescent-shaped RNase A inhibitors. Organic and Biomolecular Chemistry, 2020, 18, 6340-6356.	1.5	7
8	Celebrating 5 Years of Open Access with ACS Omega. ACS Omega, 2020, 5, 16986-16986.	1.6	2
9	Restriction of microwave-induced amyloid fibrillar growth by gold nanoparticles. International Journal of Biological Macromolecules, 2020, 151, 212-219.	3.6	4
10	Novel pH-sensitive alginate hydrogel delivery system reinforced with gum tragacanth for intestinal targeting of nutraceuticals. International Journal of Biological Macromolecules, 2020, 147, 675-687.	3.6	54
11	Biodegradable protein films from gallic acid and the cataractous eye protein isolate. International Journal of Biological Macromolecules, 2019, 139, 12-20.	3.6	32
12	Sulfonic nucleic acids (SNAs): a new class of substrate mimics for ribonuclease A inhibition. Organic and Biomolecular Chemistry, 2019, 17, 7215-7221.	1.5	3
13	Preparation, characterization, and in vitro release study of curcumin-loaded cataractous eye protein isolate films. Emergent Materials, 2019, 2, 475-486.	3.2	12
14	Tuning the mechanical and physicochemical properties of crossâ€linked protein films. Biopolymers, 2019, 110, e23321.	1.2	7
15	pHâ€Ðependent Nitrotyrosine Formation in Ribonuclease A is Enhanced in the Presence of Polyethylene Glycol (PEG). Chemistry - an Asian Journal, 2019, 14, 4780-4792.	1.7	1
16	Flavonoid loaded nanoparticles as an effective measure to combat oxidative stress in Ribonuclease A. Biochimie, 2019, 162, 185-197.	1.3	15
17	Effect of Silica Nanoparticles on the Amyloid Fibrillation of Lysozyme. ACS Omega, 2019, 4, 1015-1026.	1.6	42
18	Inhibition of ligand arm hydrolysis and carboxylate coordination directed formation of Î¼4-oxido-bridged [Cu4] complexes: Synthesis, X-ray structure and functional activity. Inorganica Chimica Acta, 2019, 485, 140-154.	1.2	4

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19	Identification and characterization of bioactive phenolic constituents, anti-proliferative, and anti-angiogenic activity of stem extracts of Basella alba and rubra. Journal of Food Science and Technology, 2018, 55, 1675-1684.	1.4	23
20	Investigation on the interaction of Rutin with serum albumins: Insights from spectroscopic and molecular docking techniques. Journal of Photochemistry and Photobiology B: Biology, 2018, 183, 101-110.	1.7	73
21	Rapid estimation of the Î²-sheet content of Human Serum Albumin from the drying patterns of HSA-nanoparticle droplets. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 540, 177-185.	2.3	8
22	Probing the role of ortho-dihydroxy groups on lysozyme fibrillation. International Journal of Biological Macromolecules, 2018, 109, 619-628.	3.6	12
23	Metabolomics reveals perturbations in endometrium and serum of minimal and mild endometriosis. Scientific Reports, 2018, 8, 6466.	1.6	46
24	Probing the inhibitory potency of epigallocatechin gallate against human Î³B-crystallin aggregation: Spectroscopic, microscopic and simulation studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 192, 318-327.	2.0	10
25	1,5-Disubstituted 1,2,3-triazole linked disaccharides: Metal-free syntheses and screening of a new class of ribonuclease A inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 455-462.	1.4	10
26	Î²â€cyclodextrin encapsulated polyphenols as effective antioxidants. Biopolymers, 2018, 109, e23084.	1.2	17
27	Exploring the Inhibitory and Antioxidant Effects of Fullerene and Fullerenol on Ribonuclease A. ACS Omega, 2018, 3, 12270-12283.	1.6	27
28	Analysis of the Distinct Pattern Formation of Globular Proteins in the Presence of Micro- and Nanoparticles. Journal of Physical Chemistry B, 2018, 122, 8972-8984.	1.2	16
29	Microwave-radiation-induced molecular structural rearrangement of hen egg-white lysozyme. Physical Review E, 2018, 97, 052416.	0.8	11
30	Antenna effect and phosphorescence spectra to find the location of drug tetracycline in bovine Î²-lactoglobulin A. Journal of Biological Inorganic Chemistry, 2018, 23, 917-927.	1.1	2
31	Acidicâ€Aminoâ€Acidâ€Conjugated Dinucleosides as Ribonuclease A Inhibitors: Rational Design and Effect of Backbone Chirality on Enzyme Inhibition. ChemistrySelect, 2017, 2, 2106-2113.	0.7	4
32	Complexation With Human Serum Albumin Facilitates Sustained Release of Morin From Polylactic-Co-Glycolic Acid Nanoparticles. Journal of Physical Chemistry B, 2017, 121, 1758-1770.	1.2	27
33	Green tea flavanols protect human Î³B-crystallin from oxidative photodamage. Biochimie, 2017, 137, 46-55.	1.3	12
34	Fibrillar disruption by AC electric field induced oscillation: A case study with human serum albumin. Biophysical Chemistry, 2017, 226, 23-33.	1.5	8
35	Capillary driven flow in wettability altered microchannel. AICHE Journal, 2017, 63, 4616-4627.	1.8	4
36	Inhibition of Human Serum Albumin Fibrillation by Two-Dimensional Nanoparticles. Journal of Physical Chemistry B, 2017, 121, 5474-5482.	1.2	34

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37	Glycation of human Î³B-crystallin: A biophysical investigation. International Journal of Biological Macromolecules, 2017, 96, 392-402.	3.6	7
38	Does Surface Chirality of Gold Nanoparticles Affect Fibrillation of HSA?. Journal of Physical Chemistry C, 2017, 121, 18935-18946.	1.5	26
39	Interaction of serum albumins with fluorescent ligand 4-azido coumarin: spectroscopic analysis and molecular docking studies. New Journal of Chemistry, 2017, 41, 15392-15404.	1.4	36
40	Trapping of a Methanoato Bridge in Âµâ€1,1,3,3 Mode for [Cu₄] Aggregate Formation: Synthesis, Steric Control on Nuclearity, Antimicrobial Activity, and DNAâ€Interaction Properties. European Journal of Inorganic Chemistry, 2017, 2017, 769-779.	1.0	12
41	Gallic acid induced dose dependent inhibition of lysozyme fibrillation. International Journal of Biological Macromolecules, 2017, 103, 1224-1231.	3.6	37
42	DNA damaging, cell cytotoxicity and serum albumin binding efficacy of the rutinâ€“Cu(<scp>ii</scp>) complex. Molecular BioSystems, 2016, 12, 1687-1701.	2.9	38
43	Inhibition of fibrillation of human serum albumin through interaction with chitosan-based biocompatible silver nanoparticles. RSC Advances, 2016, 6, 43104-43115.	1.7	32
44	DNA melting properties of the dityrosine cross-linked dimer of Ribonuclease A. Journal of Photochemistry and Photobiology B: Biology, 2016, 162, 535-543.	1.7	0
45	Exploring the Nature of the Nanocavity and Channels in Apoferritin and Apoferritinâ€“Sodium Dodecyl Sulfate Complex Using an Enhanced Antenna Effect through the Encapsulation of Eu^{III}â€“Tetracycline. European Journal of Inorganic Chemistry, 2016, 2016, 4152-4161.	1.0	1
46	Protection of human Î³B-crystallin from UV-induced damage by epigallocatechin gallate: spectroscopic and docking studies. Molecular BioSystems, 2016, 12, 2901-2909.	2.9	16
47	Hydropathy: the controlling factor behind the inhibition of AÎ² fibrillation by graphene oxide. RSC Advances, 2016, 6, 103242-103252.	1.7	12
48	Solubility enhancement of morin and epicatechin through encapsulation in an albumin based nanoparticulate system and their anticancer activity against the MDA-MB-468 breast cancer cell line. RSC Advances, 2016, 6, 101415-101429.	1.7	32
49	Hydrophobic tail length plays a pivotal role in amyloid beta (25-35) fibril-surfactant interactions. Proteins: Structure, Function and Bioinformatics, 2016, 84, 1213-1223.	1.5	20
50	Carboxymethylsulfonylated Ribopyrimidines: Rational Design of Ribonucleaseâ€…A Inhibitors Employing Chemical Logic. ChemMedChem, 2016, 11, 620-628.	1.6	5
51	Glycation of human serum albumin affects its binding affinity towards (â˜)-epigallocatechin gallate. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 85, 193-202.	0.9	8
52	Effects of urea, metal ions and surfactants on the binding of baicalein with bovine serum albumin. Journal of Pharmaceutical Analysis, 2016, 6, 256-267.	2.4	23
53	Cell cytotoxicity and serum albumin binding capacity of the morinâ€“Cu(<scp>ii</scp>) complex and its effect on deoxyribonucleic acid. Molecular BioSystems, 2016, 12, 2818-2833.	2.9	18
54	Preparation of albumin based nanoparticles for delivery of fisetin and evaluation of its cytotoxic activity. International Journal of Biological Macromolecules, 2016, 86, 408-417.	3.6	56

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55	Dinuclear nickel complexes of divergent Niâ‹¯Ni separation showing ancillary ligand addition and bio-macromolecular interaction. New Journal of Chemistry, 2016, 40, 2268-2279.	1.4	21
56	Glycation of human serum albumin alters its binding efficacy towards the dietary polyphenols: a comparative approach. Journal of Biomolecular Structure and Dynamics, 2016, 34, 1911-1918.	2.0	14
57	Carboxylated Acyclonucleosides: Synthesis and RNase A Inhibition. Molecules, 2015, 20, 5924-5941.	1.7	1
58	Copper(II) directs formation of toxic amorphous aggregates resulting in inhibition of hen egg white lysozyme fibrillation under alkaline salt-mediated conditions. Journal of Biomolecular Structure and Dynamics, 2015, 33, 991-1007.	2.0	23
59	Mass spectrometry and bioinformatics analysis data. Data in Brief, 2015, 2, 21-25.	0.5	3
60	Evidence of two oxidation states of copper during aggregation of hen egg white lysozyme (HEWL). International Journal of Biological Macromolecules, 2015, 76, 1-9.	3.6	18
61	Interfacial force-driven pattern formation during drying of AÎ² (25â€“35) fibrils. International Journal of Biological Macromolecules, 2015, 79, 344-352.	3.6	8
62	EGCG prevents tryptophan oxidation of cataractous ocular lens human Î³-crystallin in presence of H2O2. International Journal of Biological Macromolecules, 2015, 77, 287-292.	3.6	17
63	Glycation of Ribonuclease A affects its enzymatic activity and DNA binding ability. Biochimie, 2015, 118, 162-172.	1.3	11
64	An insight into the ribonucleolytic and antiangiogenic activity of buffalo lactoferrin. Journal of Biomolecular Structure and Dynamics, 2015, 33, 184-195.	2.0	0
65	Investigation of serum proteome alterations in human endometriosis. Journal of Proteomics, 2015, 114, 182-196.	1.2	36
66	Effect of Temperature and Solvent on Fibrillation of Human Serum Albumin. Protein and Peptide Letters, 2015, 22, 112-118.	0.4	15
67	Ribonucleaseâ€…A Inhibition by Carboxymethylsulfonylâ€Modified Xyloâ€•and Arabinopyrimidines. ChemMedChem, 2014, 9, 2138-2149.	1.6	9
68	Comparison of the ribonucleolytic activity of the dityrosine cross-linked Ribonuclease A dimer with its monomer in the presence of inhibitors. International Journal of Biological Macromolecules, 2014, 63, 107-113.	3.6	13
69	Crowded milieu prevents fibrillation of hen egg white lysozyme with retention of enzymatic activity. Journal of Photochemistry and Photobiology B: Biology, 2014, 138, 8-16.	1.7	19
70	Fibrillation of human serum albumin shows nonspecific coordination on stoichiometric increment of Copper(II). Journal of Biomolecular Structure and Dynamics, 2014, 32, 1366-1378.	2.0	21
71	Effect of Functionalized Magnetic MnFe₂O₄ Nanoparticles on Fibrillation of Human Serum Albumin. Journal of Physical Chemistry B, 2014, 118, 11667-11676.	1.2	45
72	Effect of (â˜)-epigallocatechin gallate on the fibrillation of human serum albumin. International Journal of Biological Macromolecules, 2014, 70, 312-319.	3.6	26

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73	Disruption of human serum albumin fibrils by a static electric field. Journal Physics D: Applied Physics, 2014, 47, 305401.	1.3	17
74	Amino and carboxy functionalized modified nucleosides: A potential class of inhibitors for angiogenin. Bioorganic Chemistry, 2014, 52, 56-61.	2.0	3
75	Binding of antioxidant flavonol morin to the native state of bovine serum albumin: Effects of urea and metal ions on the binding. Journal of Luminescence, 2014, 145, 741-751.	1.5	19
76	Altered metabolic profile in early and late onset preeclampsia: An FTIR spectroscopic study. Pregnancy Hypertension, 2014, 4, 70-80.	0.6	15
77	Location and binding mechanism of an ESIPT probe 3-hydroxy-2-naphthoic acid in unsaturated fatty acid bound serum albumins. Journal of Photochemistry and Photobiology B: Biology, 2014, 131, 1-15.	1.7	7
78	Binding of hen egg white lysozyme fibrils with nucleic acids. Journal of Photochemistry and Photobiology B: Biology, 2013, 127, 52-60.	1.7	15
79	Preferential binding of fisetin to the native state of bovine serum albumin: spectroscopic and docking studies. Molecular Biology Reports, 2013, 40, 3239-3253.	1.0	29
80	Effect of surfactants on preformed fibrils of human serum albumin. International Journal of Biological Macromolecules, 2013, 59, 39-45.	3.6	34
81	Distribution of Protein Ramachandran Psi (Ï^) Angle Using Non-Resonance Visible Raman Scattering Measurements. Journal of Physical Chemistry B, 2013, 117, 13993-14000.	1.2	4
82	An investigation into the altered binding mode of green tea polyphenols with human serum albumin on complexation with copper. Journal of Biomolecular Structure and Dynamics, 2013, 31, 1191-1206.	2.0	35
83	The influence of common metal ions on the interactions of the isoflavone genistein with bovine serum albumin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 102, 393-402.	2.0	41
84	3â€²-Oxo-, amino-, thio- and sulfone-acetic acid modified thymidines: Effect of increased acidity on ribonuclease A inhibition. Bioorganic and Medicinal Chemistry, 2013, 21, 4634-4645.	1.4	12
85	Fructose restrains fibrillogenesis in human serum albumin. International Journal of Biological Macromolecules, 2013, 61, 424-432.	3.6	40
86	A simple assay for the ribonuclease activity of ribonucleases in the presence of ethidium bromide. Analytical Biochemistry, 2013, 437, 126-129.	1.1	23
87	(â^')-Epicatechin gallate prevents alkali-salt mediated fibrillogenesis of hen egg white lysozyme. International Journal of Biological Macromolecules, 2013, 54, 90-98.	3.6	53
88	Structural differences between native Hen egg white lysozyme and its fibrils under different environmental conditions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 114, 368-376.	2.0	8
89	A Comparative Study of Interaction of Tetracycline with Several Proteins Using Time Resolved Anisotropy, Phosphorescence, Docking and FRET. PLoS ONE, 2013, 8, e60940.	1.1	28
90	Prolonged Glycation of Hen Egg White Lysozyme Generates Non Amyloidal Structures. PLoS ONE, 2013, 8, e74336.	1.1	50

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91	Synthesis of 5â€²-carboxymethylsulfonyl-5â€²-deoxyribonucleosides under mild hydrolytic conditions: a new class of acidic nucleosides as inhibitors of ribonuclease A. RSC Advances, 2013, 4, 2214-2218.	1.7	7
92	Study of the Interaction Between Fisetin and Human Serum Albumin: A Biophysical Approach. Protein and Peptide Letters, 2012, 19, 604-615.	0.4	30
93	Interaction of (â€“)-Epigallocatechin Gallate with Lysozyme-Conjugated Silver Nanoparticles. Applied Spectroscopy, 2012, 66, 744-749.	1.2	5
94	Interaction of (â˜)-Epigallocatechin Gallate and Silver Colloid with Bovine Serum Albumin. Applied Spectroscopy, 2012, 66, 75-81.	1.2	2
95	Azido carbonyl compounds as DNA cleaving agents. Journal of Photochemistry and Photobiology B: Biology, 2012, 115, 25-34.	1.7	9
96	Interaction of multitryptophan protein with drug: An insight into the binding mechanism and the binding domain by time resolved emission, anisotropy, phosphorescence and docking. Journal of Photochemistry and Photobiology B: Biology, 2012, 115, 93-104.	1.7	20
97	Effect of dispersion on the diffusion zone in two-phase laminar flows in microchannels. Analytica Chimica Acta, 2012, 710, 88-93.	2.6	13
98	Cytotoxic and necrotic responses in human amniotic epithelial (WISH) cells exposed to organophosphate insecticide phorate. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 744, 125-134.	0.9	35
99	Fibrillation of hen egg white lysozyme triggers reduction of copper(II). International Journal of Biological Macromolecules, 2012, 51, 1-6.	3.6	29
100	Photoinduced DNA cleavage by anthracene based hydroxamic acids. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4668-4671.	1.0	6
101	An alternate mode of binding of the polyphenol quercetin with serum albumins when complexed with Cu(II). Journal of Luminescence, 2012, 132, 2943-2951.	1.5	45
102	Surfaceâ€enhanced Raman measurements and DFT calculations for <scp>l</scp>â€tryptophan of varying pH in silver sol. Journal of Raman Spectroscopy, 2012, 43, 718-723.	1.2	7
103	Synthesis, photophysical, photochemical, DNA cleavage/binding and cytotoxic properties of pyrene oxime ester conjugates. Photochemical and Photobiological Sciences, 2012, 11, 1239-1250.	1.6	25
104	Spectroscopic and docking studies of the binding of two stereoisomeric antioxidant catechins to serum albumins. Journal of Luminescence, 2012, 132, 1364-1375.	1.5	76
105	Dinucleosides with Nonâ€Natural Backbones: A New Class of Ribonucleaseâ€…A and Angiogenin Inhibitors. Chemistry - A European Journal, 2012, 18, 1618-1627.	1.7	14
106	Preferential binding of insecticide phorate with sub-domain IIA of human serum albumin induces protein damage and its toxicological significance. Food and Chemical Toxicology, 2011, 49, 1787-1795.	1.8	30
107	Complex formation of rutin and quercetin with copper alters the mode of inhibition of Ribonuclease A. FEBS Letters, 2011, 585, 3270-3276.	1.3	24
108	5â€²-Modified pyrimidine nucleosides as inhibitors of ribonuclease A. Bioorganic and Medicinal Chemistry, 2011, 19, 2478-2484.	1.4	11

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109	Synthesis and ribonuclease A inhibition activity of resorcinol and phloroglucinol derivatives of catechin and epicatechin: Importance of hydroxyl groups. Bioorganic and Medicinal Chemistry, 2010, 18, 6538-6546.	1.4	20
110	Comparative inhibitory activity of 3â€²- and 5â€²-functionalized nucleosides on ribonuclease A. Bioorganic and Medicinal Chemistry, 2010, 18, 8257-8263.	1.4	7
111	N,O-Diacyl-4-benzoyl-N-phenylhydroxylamines as photoinduced DNA cleaving agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5414-5417.	1.0	11
112	Clinical biomarker for predicting preeclampsia in women with abnormal lipid profile: Statistical pattern classification approach. , 2010, , .		4
113	Interaction Of EGCG Molecules With Silver-Lysozyme Complex By SERS Measurements. , 2010, , .		0
114	Methyl thiophanate as a DNA minor groove binder produces MTâ€“Cu(II)â€“DNA ternary complex preferably with AT rich region for initiation of DNA damage. International Journal of Biological Macromolecules, 2010, 47, 68-75.	3.6	29
115	Evidence of conformational changes in adsorbed lysozyme molecule on silver colloids. International Journal of Biological Macromolecules, 2010, 47, 361-365.	3.6	41
116	Characterization of the structure of the phosphoprotein of Chandipura virus, a negative stranded RNA virus probing intratryptophan energy transfer using single and double tryptophan mutants. Biochimie, 2010, 92, 136-146.	1.3	8
117	Magnetic Field Effect Corroborated with Docking Study to Explore Photoinduced Electron Transfer in Drugâ^'Protein Interaction. Journal of Physical Chemistry A, 2010, 114, 13313-13325.	1.1	52
118	Fibrillation in Human Serum Albumin Is Enhanced in the Presence of Copper(II). Journal of Physical Chemistry B, 2010, 114, 10228-10233.	1.2	59
119	A spectroscopic study of the interaction of the antioxidant naringin with bovine serum albumin. Journal of Biophysical Chemistry, 2010, 01, 141-152.	0.1	71
120	Flexible structural protein alignment by a sequence of local transformations. Bioinformatics, 2009, 25, 1625-1631.	1.8	21
121	Molecular interactions of isoxazolcurcumin with human serum albumin: Spectroscopic and molecular modeling studies. Biopolymers, 2009, 91, 108-119.	1.2	126
122	A spectroscopic investigation into the interactions of 3â€²â€Oâ€carboxy esters of thymidine with bovine serum albumin. Biopolymers, 2009, 91, 737-744.	1.2	45
123	Nucleosideâ€“amino acid conjugates: An alternative route to the design of ribonuclease A inhibitors. Bioorganic and Medicinal Chemistry, 2009, 17, 4921-4927.	1.4	15
124	Chemistry is evergreen. Resonance, 2009, 14, 248-258.	0.2	0
125	Design and synthesis of enediyneâ€“peptide conjugates and their inhibiting activity against chymotrypsin. Bioorganic and Medicinal Chemistry, 2009, 17, 3900-3908.	1.4	16
126	Inhibition of ribonuclease A by nucleosideâ€“dibasic acid conjugates. Bioorganic and Medicinal Chemistry, 2009, 17, 6491-6495.	1.4	14

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127	Morpholino, Piperidino, and Pyrrolidino Derivatives of Pyrimidine Nucleosides as Inhibitors of Ribonuclease A: Synthesis, Biochemical, and Crystallographic Evaluation[,]. Journal of Medicinal Chemistry, 2009, 52, 932-942.	2.9	29
128	An Investigation of the Molecular Interactions of Diacetylcurcumin with Ribonuclease A. Protein and Peptide Letters, 2009, 16, 1485-1495.	0.4	11
129	The interaction of silibinin with human serum albumin: A spectroscopic investigation. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 194, 297-307.	2.0	54
130	Studies on the interaction of copper complexes of (â˜')-epicatechin gallate and (â˜')-epigallocatechin gallate with calf thymus DNA. Journal of Inorganic Biochemistry, 2008, 102, 1711-1718.	1.5	93
131	Photoinduced electron transfer between hen egg white lysozyme and anticancer drug menadione. Journal of Luminescence, 2008, 128, 437-444.	1.5	31
132	Spectrophotometric studies on the interaction between (â˜')-epigallocatechin gallate and lysozyme. Chemical Physics Letters, 2008, 452, 193-197.	1.2	62
133	Exploring the potential of 3â€²-O-carboxy esters of thymidine as inhibitors of ribonuclease A and angiogenin. Bioorganic and Medicinal Chemistry, 2008, 16, 2819-2828.	1.4	10
134	Design, synthesis and RNase A inhibition activity of catechin and epicatechin and nucleobase chimeric molecules. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5411-5414.	1.0	14
135	Investigating the binding of curcumin derivatives to bovine serum albumin. Biophysical Chemistry, 2008, 132, 81-88.	1.5	58
136	Fluorescence, anisotropy and docking studies of proteins through excited state intramolecular proton transfer probe molecules. Chemical Physics, 2008, 354, 162-173.	0.9	20
137	Using proton nuclear magnetic resonance to study the mode of ribonuclease A inhibition by competitive and noncompetitive inhibitors. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5503-5506.	1.0	5
138	Studies on the interaction of diacetylcurcumin with calf thymus-DNA. Chemical Physics, 2008, 351, 163-169.	0.9	146
139	Studies on the interaction of isoxazolcurcumin with calf thymus DNA. International Journal of Biological Macromolecules, 2008, 42, 14-21.	3.6	198
140	Energy Transfer Photophysics from Serum Albumins to Sequestered 3-Hydroxy-2-Naphthoic Acid, an Excited State Intramolecular Proton-Transfer Probe. Journal of Physical Chemistry B, 2008, 112, 3451-3461.	1.2	51
141	Prediction-based protein engineering of domain I of Cry2A entomocidal toxin of Bacillus thuringiensis for the enhancement of toxicity against lepidopteran insects. Protein Engineering, Design and Selection, 2007, 20, 599-606.	1.0	28
142	Inhibition of Ribonuclease A by polyphenols present in green tea. Proteins: Structure, Function and Bioinformatics, 2007, 69, 566-580.	1.5	24
143	Characterization of the Tryptophan Residues of Human Placental Ribonuclease Inhibitor and Its Complex with Bovine Pancreatic Ribonuclease A by Steady-State and Time-Resolved Emission Spectroscopy. Journal of Physical Chemistry B, 2006, 110, 21349-21356.	1.2	14
144	Copper complexes of (â˜')-epicatechin gallate and (â˜')-epigallocatechin gallate act as inhibitors of Ribonuclease A. FEBS Letters, 2006, 580, 4703-4708.	1.3	31

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145	Binding of all-trans retinoic acid to human serum albumin: Fluorescence, FT-IR and circular dichroism studies. International Journal of Biological Macromolecules, 2006, 38, 197-202.	3.6	55
146	Interaction of (â˜)-epigallocatechin-3-gallate with human serum albumin: Fluorescence, fourier transform infrared, circular dichroism, and docking studies. Proteins: Structure, Function and Bioinformatics, 2006, 64, 355-362.	1.5	136
147	The binding of 3â€²-N-piperidine-4-carboxyl-3â€²-deoxy-ara-uridine to ribonuclease A in the crystal. Bioorganic and Medicinal Chemistry, 2006, 14, 6055-6064.	1.4	30
148	Comparison of metalâ€“amino acid interaction in Pheâ€“Ag and Tyrâ€“Ag complexes by spectroscopic measurements. Biophysical Chemistry, 2006, 120, 215-224.	1.5	34
149	pH dependent surface enhanced Raman study of Phe+Ag complex and DFT calculations for spectral analysis. Chemical Physics Letters, 2006, 431, 121-126.	1.2	11
150	3â€²-N-Alkylamino-3â€²-deoxy-ara-uridines: A new class of potential inhibitors of ribonuclease A and angiogenin. Bioorganic and Medicinal Chemistry, 2006, 14, 1221-1228.	1.4	30
151	Isolation and Partial Characterization of Ribonuclease Inhibitor from Goat Liver. Protein and Peptide Letters, 2006, 13, 779-783.	0.4	2
152	Characterization of the nonregular regions of proteins by a contortion index. Biopolymers, 2005, 79, 63-73.	1.2	0
153	A docking interaction study of the effect of critical mutations in ribonuclease a on protein-ligand binding. Biochemistry and Molecular Biology Education, 2005, 33, 335-343.	0.5	3
154	Green tea polyphenols as inhibitors of ribonuclease A. Biochemical and Biophysical Research Communications, 2004, 325, 807-811.	1.0	35
155	The nature of the turn in omega loops of proteins. Proteins: Structure, Function and Bioinformatics, 2003, 51, 591-606.	1.5	23
156	Effect of green tea polyphenols on angiogenesis induced by an angiogenin-like protein. Biochemical and Biophysical Research Communications, 2003, 308, 64-67.	1.0	36
157	Isolation and Characterization of an Angiogeninlike Protein from Goat Plasma. Protein and Peptide Letters, 2002, 9, 283-288.	0.4	1
158	Ionic strength and intermolecular contacts in protein crystals. Journal of Crystal Growth, 2000, 217, 429-440.	0.7	19
159	Troger's Base Molecular Scaffolds in Dicarboxylic Acid Recognition. Journal of Organic Chemistry, 2000, 65, 1907-1914.	1.7	151
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