

Partha Pratim Bose

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

570
citations

777949

13
h-index

685536

24
g-index

30
all docs

30
docs citations

30
times ranked

1241
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of sequence variation on the RNA cleavage activity of Zn ²⁺ -dimethyl-dppz-PNA-based artificial enzymes. <i>RSC Advances</i> , 2022, 12, 5398-5406.	1.7	3
2	Zn ²⁺ -Dependent peptide nucleic acid-based artificial ribonucleases with unprecedented efficiency and specificity. <i>Chemical Communications</i> , 2021, 57, 10911-10914.	2.2	7
3	Macrophage ghost entrapped amphotericin B: a novel delivery strategy towards experimental visceral leishmaniasis. <i>Drug Delivery and Translational Research</i> , 2019, 9, 249-259.	3.0	17
4	Single helically folded aromatic oligoamides that mimic the charge surface of double-stranded B-DNA. <i>Nature Chemistry</i> , 2018, 10, 511-518.	6.6	56
5	Assessment of Altered Fucosylation of Serum α -1-Acid Glycoprotein in Hepatocellular Carcinoma Patients by Gold-Nanoparticle Aggregation Immunoassay. <i>Material Science Research India</i> , 2018, 15, 263-271.	0.9	1
6	Visual Detection of Leishmania donovani and Leptomonas seymouri in Co-Infected Samples by Their Specific DNA Biomarker and Gold Nanoparticle. <i>ChemistrySelect</i> , 2017, 2, 11408-11414.	0.7	1
7	High-throughput clone screening followed by protein expression cross-check: A visual assay platform. <i>Analytical Biochemistry</i> , 2017, 516, 48-56.	1.1	3
8	Altered glycosylation, expression of serum haptoglobin and alpha-1-antitrypsin in chronic hepatitis C, hepatitis C induced liver cirrhosis and hepatocellular carcinoma patients. <i>Glycoconjugate Journal</i> , 2016, 33, 209-218.	1.4	23
9	Gold nanoparticle-based novel visual diagnostic method for the detection of specific IgE to test for food allergies. <i>Analytical Methods</i> , 2016, 8, 3878-3884.	1.3	7
10	Visual assessment of parasitic burden in infected macrophage by plasmonic detection of leishmania specific marker RNA. <i>Biochemical and Biophysical Research Communications</i> , 2016, 480, 81-86.	1.0	13
11	A glucose/mannose binding lectin from litchi (Litchi chinensis) seeds: Biochemical and biophysical characterizations. <i>Biochemistry and Biophysics Reports</i> , 2016, 6, 242-252.	0.7	16
12	Use of Spectroscopic Techniques to Reveal the Nature of the Interactions of Two Sialic Acid Specific Lectins with Gold Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 515-525.	0.9	2
13	Visual detection of serum asialohaptoglobin by plasmonic sandwich ELLSA – a new platform for cirrhosis diagnosis. <i>Analyst</i> , 2016, 141, 76-84.	1.7	12
14	Hemoglobin guided nanocarrier for specific delivery of amphotericin B to Leishmania infected macrophage. <i>Acta Tropica</i> , 2016, 158, 148-159.	0.9	17
15	Concurrent visual diagnosis and susceptibility profiling of the first line drug against visceral leishmaniasis by plasmonic detection of PCR amplified genetic biomarker. <i>Acta Tropica</i> , 2015, 152, 208-214.	0.9	13
16	Comparison of the nature of interactions of two sialic acid specific lectins Saraca indica and Sambucus nigra with N-acetylneuraminic acid by spectroscopic techniques. <i>Journal of Luminescence</i> , 2015, 160, 119-127.	1.5	3
17	Synthesis and evaluation of antineurotoxicity properties of an amyloid- β peptide targeting ligand containing a triamino acid. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6684-6693.	1.5	6
18	Template-directed nucleation and growth of CdS nanocrystal: the role of helical and nonhelical nanofibers on their shape and size. <i>Journal of Nanoparticle Research</i> , 2010, 12, 713-718.	0.8	2

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19	In vitro ADMET and physicochemical investigations of poly-N-methylated peptides designed to inhibit A β aggregation. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5896-5902.	1.4	37
20	Effects of Congo Red on A β ¹⁻⁴⁰ Fibril Formation Process and Morphology. <i>ACS Chemical Neuroscience</i> , 2010, 1, 315-324.	1.7	49
21	Synthesis and application of novel imidazole and 1H-tetrazolic acid containing catalysts in enantioselective organocatalyzed Diels-Alder reactions. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1871-1876.	1.8	17
22	Poly-N-methylated Amyloid β -Peptide (A β) C-Terminal Fragments Reduce A β Toxicity in Vitro and in <i>Drosophila melanogaster</i> . <i>Journal of Medicinal Chemistry</i> , 2009, 52, 8002-8009.	2.9	55
23	Antiproliferative effect of T/Tn specific Artocarpus lakoocha agglutinin (ALA) on human leukemic cells (Jurkat, U937, K562) and their imaging by QD-ALA nanoconjugate. <i>Glycoconjugate Journal</i> , 2008, 25, 741-752.	1.4	11
24	pH-Sensitive Nanostructural Transformation of a Synthetic Self-Assembling Water-Soluble Tripeptide: Nanotube to Nanovesicle. <i>Chemistry of Materials</i> , 2007, 19, 6150-6157.	3.2	40
25	Decoration of Au and Ag Nanoparticles on Self-Assembling Pseudopeptide-Based Nanofiber by Using a Short Peptide as Capping Agent for Metal Nanoparticles. <i>Organic Letters</i> , 2007, 9, 2489-2492.	2.4	37
26	The role of protecting groups in the formation of organogels through a nano-fibrillar network formed by self-assembling terminally protected tripeptides. <i>Tetrahedron</i> , 2007, 63, 7432-7442.	1.0	43
27	Formation of triple helical nanofibers using self-assembling chiral benzene-1,3,5-tricarboxamides and reversal of the nanostructure's handedness using mirror image building blocks. <i>Chemical Communications</i> , 2006, , 3196.	2.2	71
28	Naturally occurring amino acid: Novel curatives for chloroprene rubber. <i>Journal of Applied Polymer Science</i> , 2006, 100, 3981-3986.	1.3	7