

Anupam Bhattacharya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2448702/publications.pdf>

Version: 2024-02-01

34
papers

646
citations

623734

14
h-index

580821

25
g-index

38
all docs

38
docs citations

38
times ranked

867
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloramphenicol Biosynthesis: The Structure of CmlS, a Flavin-Dependent Halogenase Showing a Covalent Flavin-Aspartate Bond. <i>Journal of Molecular Biology</i> , 2010, 397, 316-331.	4.2	103
2	Functionalized Chitosan-Carbon Dots: A Fluorescent Probe for Detecting Trace Amount of Water in Organic Solvents. <i>ACS Omega</i> , 2019, 4, 11301-11311.	3.5	71
3	Polycyclic Aromatic DNA-Base Surrogates: High-Affinity Binding to an Adenine-Specific Base-Flipping DNA Methyltransferase. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3958-3960.	13.8	69
4	Metal-Enhanced Fluorescence Study in Aqueous Medium by Coupling Gold Nanoparticles and Fluorophores Using a Bilayer Vesicle Platform. <i>ACS Omega</i> , 2019, 4, 5983-5990.	3.5	43
5	Immobilized lipase from <i>Lactobacillus plantarum</i> in meat degradation and synthesis of flavor esters. <i>Journal of Genetic Engineering and Biotechnology</i> , 2017, 15, 331-334.	3.3	35
6	New class of antitubercular compounds: synthesis and anti-tubercular activity of 4-substituted pyrrolo[2,3-c]quinolines. <i>Monatshefte für Chemie</i> , 2014, 145, 811-819.	1.8	30
7	Synthesis and anti-cancer activity of 1,4-disubstituted imidazo[4,5-c]quinolines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 876-883.	2.8	28
8	Selective Zn ²⁺ sensing using a modified bipyridine complex. <i>RSC Advances</i> , 2014, 4, 25605.	3.6	24
9	Rebeccamycin and Staurosporine Biosynthesis: Insight into the Mechanisms of the Flavin-Dependent Monooxygenases RebC and StaC. <i>ChemBioChem</i> , 2011, 12, 396-400.	2.6	23
10	Synthesis and anti-tubercular activity of fused thieno-/furo-quinoline compounds. <i>RSC Advances</i> , 2016, 6, 46073-46080.	3.6	23
11	Influence of PEG Endgroup and Molecular Weight on Its Reactivity for Lipase-Catalyzed Polyester Synthesis. <i>Biomacromolecules</i> , 2006, 7, 1042-1048.	5.4	22
12	Synthesis of 4-substituted oxazolo[4,5-c]quinolines by direct reaction at the C-4 position of oxazoles. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2600-2605.	2.8	19
13	Selective detection of fluoride using fused quinoline systems: effect of pyrrole. <i>RSC Advances</i> , 2015, 5, 57231-57234.	3.6	15
14	Zinc(II) Ion Sensing in Aqueous Micellar Solution Using Modified Bipyridine-Based Turn-On Fluorescent Probes and its Application in Bioimaging. <i>ChemPlusChem</i> , 2016, 81, 1339-1348.	2.8	14
15	Highly efficient and selective biocatalytic acylation studies on triazolylsugars. <i>Tetrahedron</i> , 2003, 59, 10269-10277.	1.9	12
16	One-Step Synthesis of Fused Chromeno[4,3-b]pyrrolo[3,2-h]quinolin-7(1H)-One Compounds and their Anticancer Activity Evaluation. <i>ChemistrySelect</i> , 2017, 2, 2718-2721.	1.5	11
17	Synthesis of 4-Substituted Pyrrolo[2,3-c]quinolines via Microwave-Assisted C-N Bond Formation. <i>ChemistrySelect</i> , 2018, 3, 5386-5389.	1.5	10
18	Novel Lipase-Catalysed Highly Selective Acetylation Studies on d-Arabo- and d-Threo-polyhydroxyalkyltriazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 947-951.	3.0	9

#	ARTICLE	IF	CITATIONS
19	Fused Chromeno[3,4-b]thieno[2,3-d]pyridines as Potential Analogs of Lamellarin D and their Anticancer Activity Evaluation. <i>ChemistrySelect</i> , 2019, 4, 10726-10730.	1.5	9
20	Abasic site stabilization by aromatic DNA base surrogates: High-affinity binding to a base-flipping DNA-methyltransferase. <i>Pure and Applied Chemistry</i> , 2004, 76, 1563-1570.	1.9	6
21	A straight forward and first total synthesis of Penilumamides Bâ€D. <i>Tetrahedron Letters</i> , 2017, 58, 3347-3349.	1.4	6
22	Iron(III) catalyzed direct C-H functionalization at the C-3 position of chromone for the synthesis of fused chromeno-quinoline scaffolds. <i>Tetrahedron Letters</i> , 2019, 60, 1895-1898.	1.4	6
23	Selective Sensing of Iron by Pyrrolo[2,3-c]Quinolines. <i>Journal of Fluorescence</i> , 2019, 29, 271-277.	2.5	6
24	FRET-Mediated Zn ²⁺ Sensing in Aqueous Micellar Solution: Application in Cellular Imaging and Molecular Logic Gate. <i>ChemistrySelect</i> , 2017, 2, 8731-8737.	1.5	5
25	Iodine assisted synthesis of CF ₃ appended spirodihydrofuryl/cyclopropyl oxindoles by changing the active methylene sources. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 9623-9631.	2.8	5
26	Pyrrole-pyridine chelating motif on the Î²-carboline skeleton: Selective Zn ²⁺ sensing via inhibition of ESIPT. <i>Dyes and Pigments</i> , 2022, 202, 110238.	3.7	5
27	Expression, purification and preliminary diffraction studies of CmlS. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 260-263.	0.7	4
28	Pyrrolo[1,2-a]quinoxalines from chalcones: An alternate route. <i>Tetrahedron Letters</i> , 2021, 70, 153008.	1.4	4
29	Total synthesis of the plant alkaloid racemic microthecaline A: first example of a natural product bearing a tricyclic quinoline-serrulatane scaffold. <i>RSC Advances</i> , 2019, 9, 23289-23294.	3.6	3
30	One-Pot Two Step Nazarov-Schmidt Rearrangement for the Synthesis of Fused Î³-Lactam Systems. <i>ChemistrySelect</i> , 2017, 2, 9744-9750.	1.5	2
31	Application of Polyphosphoric Acid-Mediated Acyl Migration for Regiospecific Synthesis of Diverse 2-acylpyrroles from Chalcones. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 1283-1290.	2.6	2
32	Gold nanoparticle induced enhancement of molecular fluorescence for Zn ²⁺ detection in aqueous niosome solution. , 2016, , .		1
33	Expression, purification and preliminary X-ray diffraction studies of RebC. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 980-982.	0.7	0
34	Copper acetate catalysed C-C bond formation <i>in route</i> to the synthesis of spiro indanedione cyclopropylpyrazolones. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	2.8	0