

# Arijit Basu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10572227/publications.pdf>

Version: 2024-02-01

36  
papers

1,261  
citations

516710

16  
h-index

361022

35  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polysaccharide-Based Conjugates for Biomedical Applications. <i>Bioconjugate Chemistry</i> , 2015, 26, 1396-1412.	3.6	169
2	Poly(lactic acid) based hydrogels. <i>Advanced Drug Delivery Reviews</i> , 2016, 107, 192-205.	13.7	128
3	Castor Oil-Based Biodegradable Polyesters. <i>Biomacromolecules</i> , 2015, 16, 2572-2587.	5.4	124
4	Injectable formulations of poly(lactic acid) and its copolymers in clinical use. <i>Advanced Drug Delivery Reviews</i> , 2016, 107, 213-227.	13.7	122
5	Towards development of selective and reversible pyrazoline based MAO-inhibitors: Synthesis, biological evaluation and docking studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 132-136.	2.2	66
6	Recent Advances in Polyanhydride Based Biomaterials. <i>Advanced Materials</i> , 2018, 30, e1706815.	21.0	64
7	Poly(lactic acid)-based nanocomposites. <i>Polymers for Advanced Technologies</i> , 2017, 28, 919-930.	3.2	52
8	Development of selective and reversible pyrazoline based MAO-A inhibitors: Synthesis, biological evaluation and docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1875-1881.	3.0	48
9	Synthesis, Antimicrobial and Anticancer Activity of New Thiosemicarbazone Derivatives. <i>Archiv Der Pharmazie</i> , 2011, 344, 84-90.	4.1	47
10	Design, synthesis and anticancer activity of piperazine hydroxamates and their histone deacetylase (HDAC) inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 3906-3910.	2.2	45
11	Poly( $\alpha$ -hydroxy acid)s and poly( $\alpha$ -hydroxy acid-co- $\alpha$ -amino acid)s derived from amino acid. <i>Advanced Drug Delivery Reviews</i> , 2016, 107, 82-96.	13.7	40
12	Pyrazoline based MAO inhibitors: Synthesis, biological evaluation and SAR studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4296-4300.	2.2	39
13	Synthesis and Ribonucleotide reductase inhibitory activity of thiosemicarbazones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6248-6250.	2.2	35
14	Development of CoMFA and CoMSIA models of cytotoxicity data of anti-HIV-1-phenylamino-1H-imidazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2400-2407.	5.5	30
15	Chemical scaffolds with structural similarities to siderophores of nonribosomal peptide "polyketide origin as novel antimicrobials against <i>Mycobacterium tuberculosis</i> and <i>Yersinia pestis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6533-6537.	2.2	19
16	Comparative evaluation of polycyanoacrylates. <i>Acta Biomaterialia</i> , 2017, 48, 390-400.	8.3	18
17	N-Hydroxy-N <sup>2</sup> -aminoguanidines as anti-cancer lead molecule: QSAR, synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3324-3328.	2.2	17
18	Tyrosine Residue in the TRPV1 Vanilloid Binding Pocket Regulates Deactivation Kinetics. <i>Journal of Biological Chemistry</i> , 2016, 291, 13855-13863.	3.4	17

#	ARTICLE	IF	CITATIONS
19	Synthesis, characterization and antibacterial activity of heterocyclic quaternary ammonium polymers. <i>New Journal of Chemistry</i> , 2018, 42, 15427-15435.	2.8	16
20	Exploring Different Virtual Screening Strategies for Acetylcholinesterase Inhibitors. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	13
21	Alternating Poly(ester-anhydride) by Insertion Polycondensation. <i>Biomacromolecules</i> , 2016, 17, 2253-2259.	5.4	13
22	Stable polyanhydride synthesized from sebacic acid and ricinoleic acid. <i>Journal of Controlled Release</i> , 2017, 257, 156-162.	9.9	13
23	A novel N-hydroxy-N <sup>2</sup> -aminoguanidine derivative inhibits ribonucleotide reductase activity: Effects in human HL-60 promyelocytic leukemia cells and synergism with arabinofuranosylcytosine (Ara-C). <i>Biochemical Pharmacology</i> , 2011, 81, 50-59.	4.4	12
24	Synthesis of glycopeptides from glucosaminic acid. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2657-2662.	2.3	10
25	Structure based virtual screening of GSK-3 <sup>β</sup> : Importance of protein flexibility and induced fit. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5582-5585.	2.2	9
26	Biodegradable inflatable balloons for tissue separation. <i>Biomaterials</i> , 2016, 105, 109-116.	11.4	9
27	Discovering Novel and Diverse Iron-Chelators in Silico. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 2476-2485.	5.4	9
28	PEG- $\epsilon$ -Biscyanoacrylate Crosslinker for Octyl Cyanoacrylate Bioadhesive. <i>Macromolecular Rapid Communications</i> , 2016, 37, 251-256.	3.9	9
29	Glycopeptides derived from glucosaminic acid. <i>Polymer Chemistry</i> , 2016, 7, 4447-4452.	3.9	8
30	Cationic antimicrobial copolymer poly (methacrylate- $\epsilon$ -PHMG) decontaminates water. <i>Polymers for Advanced Technologies</i> , 2017, 28, 1334-1338.	3.2	8
31	Biodegradable Poly(Acetonide Gluconic Acid) for Controlled Drug Delivery. <i>Biomacromolecules</i> , 2019, 20, 2934-2941.	5.4	8
32	A utility script for automating and integrating AutoDock and other associated programs for virtual screening. <i>Bioinformatics</i> , 2009, 4, 84-86.	0.5	8
33	Effect of substitution at N <sup>3</sup> -position of N <sup>2</sup> -hydroxy-N-amino guanidines on tumor cell growth. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4934-4938.	2.2	3
34	Ion Exchange Nanoparticles for Ophthalmic Drug Delivery. <i>Bioconjugate Chemistry</i> , 2020, 31, 2726-2736.	3.6	2
35	Understanding the molecular interactions of different radical scavengers with ribonucleotide reductase M2 (hRRM2) domain: opening the gates and gaining access. <i>Journal of Computer-Aided Molecular Design</i> , 2012, 26, 865-881.	2.9	1
36	Hydroxamates as Ribonucleotide Reductase Inhibitors. , 2013, , 153-172.		0