

# Aurijit Sarkar

## List of Publications by Year in descending order

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19  
papers

506  
citations

840776

11  
h-index

839539

18  
g-index

24  
all docs

24  
docs citations

24  
times ranked

793  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophobicity - Shake Flasks, Protein Folding and Drug Discovery. <i>Current Topics in Medicinal Chemistry</i> , 2010, 10, 67-83.	2.1	111
2	DrugPred: A Structure-Based Approach To Predict Protein Druggability Developed Using an Extensive Nonredundant Data Set. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 2829-2842.	5.4	82
3	Designing Allosteric Regulators of Thrombin. Exosite 2 Features Multiple Subsites That Can Be Targeted by Sulfated Small Molecules for Inducing Inhibition. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5059-5070.	6.4	48
4	A Simple Method for Discovering Druggable, Specific Glycosaminoglycan-Protein Systems. Elucidation of Key Principles from Heparin/Heparan Sulfate-Binding Proteins. <i>PLoS ONE</i> , 2015, 10, e0141127.	2.5	40
5	Structure-activity relationship (SAR) studies of 3-(2-amino-ethyl)-5-(4-ethoxy-benzylidene)-thiazolidine-2,4-dione: Development of potential substrate-specific ERK1/2 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6042-6046.	2.2	39
6	Allosteric Competitive Inhibitors of the Glucose-1-phosphate Thymidyltransferase (RmlA) from <i>Pseudomonas aeruginosa</i> . <i>ACS Chemical Biology</i> , 2013, 8, 387-396.	3.4	39
7	Premature Activation of the Paramyxovirus Fusion Protein before Target Cell Attachment with Corruption of the Viral Fusion Machinery. <i>Journal of Biological Chemistry</i> , 2011, 286, 37945-37954.	3.4	34
8	Allosteric Inhibition of Human Factor XIa: Discovery of Monosulfated Benzofurans as a Class of Promising Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 3559-3569.	6.4	24
9	Estimating glycosaminoglycan-protein interaction affinity: water dominates the specific antithrombin-heparin interaction. <i>Glycobiology</i> , 2016, 26, 1041-1047.	2.5	19
10	Chemoenzymatically Prepared Heparan Sulfate Containing Rare 2-O-Sulfonated Glucuronic Acid Residues. <i>ACS Chemical Biology</i> , 2015, 10, 1485-1494.	3.4	16
11	Designing High-Affinity, High-Specificity Glycosaminoglycan Sequences Through Computerized Modeling. <i>Methods in Molecular Biology</i> , 2015, 1229, 289-314.	0.9	16
12	Computational analysis of structure-based interactions and ligand properties can predict efflux effects on antibiotics. <i>European Journal of Medicinal Chemistry</i> , 2012, 52, 98-110.	5.5	10
13	To Hit or Not to Hit, That Is the Question Genome-wide Structure-Based Druggability Predictions for <i>Pseudomonas aeruginosa</i> Proteins. <i>PLoS ONE</i> , 2015, 10, e0137279.	2.5	9
14	Challenges in Drug Discovery for Intracellular Bacteria. <i>Pathogens</i> , 2021, 10, 1172.	2.8	7
15	Resisting resistance: gearing up for war. <i>MedChemComm</i> , 2019, 10, 1512-1516.	3.4	5
16	Editorial [Hot topic: Applying Induced Fit in Drug Discovery: Square Pegs and Round Holes? (Guest) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Medicinal Chemistry</i> , 2011, 11, 131-132.	2.1	2
17	Enabling design of screening libraries for antibiotic discovery by modeling ChEMBL data. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 143, 105166.	4.0	2
18	Understanding Water and Its Many Roles in Biological Structure: Ways to Exploit a Resource for Drug Discovery. <i>Methods in Pharmacology and Toxicology</i> , 2015, , 85-110.	0.2	0

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19	Specificity of glycosaminoglycanâ€protein interactions: the role of desolvation (1007.5). FASEB Journal, 2014, 28, 1007.5.	0.5	0