

Anuradha Roy

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

926
citations

623734

14
h-index

477307

29
g-index

46
all docs

46
docs citations

46
times ranked

1989
citing authors

#	ARTICLE	IF	CITATIONS
1	Repurposing Avasimibe to Inhibit Bacterial Glycosyltransferases. <i>Pathogens</i> , 2022, 11, 370.	2.8	0
2	Discovery of small molecule inhibitors of <i>Plasmodium falciparum</i> apicoplast DNA polymerase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1320-1326.	5.2	7
3	YM155 Inhibits NleB and SseK Arginine Glycosyltransferase Activity. <i>Pathogens</i> , 2021, 10, 253.	2.8	7
4	Disrupting interferon-alpha and NF-kappaB crosstalk suppresses IFITM1 expression attenuating triple-negative breast cancer progression. <i>Cancer Letters</i> , 2021, 514, 12-29.	7.2	16
5	Repurposing p97 inhibitors for chemical modulation of the bacterial ClpBâ€“DnaK chaperone system. <i>Journal of Biological Chemistry</i> , 2021, 296, 100079.	3.4	8
6	High-Throughput Screening (HTS) Technology. , 2021, , 787-799.		1
7	Profiling Anticancer and Antioxidant Activities of Phenolic Compounds Present in Black Walnuts (<i>Juglans nigra</i>) Using a High-Throughput Screening Approach. <i>Molecules</i> , 2020, 25, 4516.	3.8	12
8	Identification and Validation of an <i>Aspergillus nidulans</i> Secondary Metabolite Derivative as an Inhibitor of the Musashi-RNA Interaction. <i>Cancers</i> , 2020, 12, 2221.	3.7	17
9	Bioactivity Profiling of Plant Biodiversity of Panama by High Throughput Screening. <i>Natural Product Communications</i> , 2019, 14, 1934578X1901400.	0.5	5
10	Discovery of Small-Molecule Inhibitors Targeting the E3 Ubiquitin Ligase Activity of the Herpes Simplex Virus 1 ICPO Protein Using an <i>In Vitro</i> High-Throughput Screening Assay. <i>Journal of Virology</i> , 2019, 93, .	3.4	12
11	Challenges with risk mitigation in academic drug discovery: finding the best solution. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 95-100.	5.0	10
12	Mutant Huntingtinâ€“Calmodulin Interaction: Potential Therapeutic Target for Huntington's Disease. <i>FASEB Journal</i> , 2019, 33, 501.16.	0.5	0
13	High-Throughput Screening for Bacterial Glycosyltransferase Inhibitors. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 435.	3.9	21
14	How to rekindle drug discovery process through integrative therapeutic targeting?. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 893-898.	5.0	5
15	Early Probe and Drug Discovery in Academia: A Minireview. <i>High-Throughput</i> , 2018, 7, 4.	4.4	33
16	Cooperative p16 and p21 action protects female astrocytes from transformation. <i>Acta Neuropathologica Communications</i> , 2018, 6, 12.	5.2	47
17	Comparative oncology approach to drug repurposing in osteosarcoma. <i>PLoS ONE</i> , 2018, 13, e0194224.	2.5	22
18	Fluorescence High-Throughput Screening for Inhibitors of TonB Action. <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	20

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19	Development of High-Throughput Screening Assay for Antihantaviral Therapeutics. <i>SLAS Discovery</i> , 2017, 22, 767-774.	2.7	7
20	Holistic Drug Targeting. , 2017, , 65-88.		7
21	Drug screening to target nuclear orphan receptor NR4A2 for cancer therapeutics. <i>Translational Lung Cancer Research</i> , 2017, 6, 600-610.	2.8	5
22	Identification of novel small molecule Beclin 1 mimetics activating autophagy. <i>Oncotarget</i> , 2017, 8, 51355-51369.	1.8	12
23	Full and Partial Agonism of a Designed Enzyme Switch. <i>ACS Synthetic Biology</i> , 2016, 5, 1475-1484.	3.8	7
24	Targeting a Novel RNA-Protein Interaction for Therapeutic Intervention of Hantavirus Disease. <i>Journal of Biological Chemistry</i> , 2016, 291, 24702-24714.	3.4	18
25	DNAJA1 controls the fate of misfolded mutant p53 through the mevalonate pathway. <i>Nature Cell Biology</i> , 2016, 18, 1233-1243.	10.3	179
26	Identification of a Small Molecule Cyclophilin D Inhibitor for Rescuing A β -Mediated Mitochondrial Dysfunction. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 294-299.	2.8	38
27	DARC: Mapping Surface Topography by Ray-Casting for Effective Virtual Screening at Protein Interaction Sites. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4152-4170.	6.4	20
28	Targeting Epithelial-Mesenchymal Transition for Identification of Inhibitors for Pancreatic Cancer Cell Invasion and Tumor Spheres Formation. <i>PLoS ONE</i> , 2016, 11, e0164811.	2.5	17
29	Identification and Validation of Novel Small Molecule Disruptors of HuR-mRNA Interaction. <i>ACS Chemical Biology</i> , 2015, 10, 1476-1484.	3.4	120
30	Natural product (âˆ“)â€gossypol inhibits colon cancer cell growth by targeting RNAâ€binding protein Musashiâ€1. <i>Molecular Oncology</i> , 2015, 9, 1406-1420.	4.6	116
31	Chemo-resistant Leukemia-Initiating Cell Expansion Is Inhibited By Targeting Oncogenic Self-Renewal. <i>Blood</i> , 2015, 126, 1860-1860.	1.4	2
32	A Cell-Based High-Throughput Screen for Novel Chemical Inducers of Fetal Hemoglobin for Treatment of Hemoglobinopathies. <i>PLoS ONE</i> , 2014, 9, e107006.	2.5	19
33	Expanding the results of a high throughput screen against an isochorismate-pyruvate lyase to enzymes of a similar scaffold or mechanism. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5961-5969.	3.0	8
34	High Throughput Screening Operations at the University of Kansas. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 387-393.	1.1	3
35	Benzylmorpholine Analogs as Selective Inhibitors of Lung Cytochrome P450 2A13 for the Chemoprevention of Lung Cancer in Tobacco Users. <i>Pharmaceutical Research</i> , 2013, 30, 2290-2302.	3.5	12
36	Compound Ranking Based on a New Mathematical Measure of Effectiveness Using Time Course Data from Cell-Based Assays. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 168-179.	1.1	5

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37	Patent Review. Combinatorial Chemistry and High Throughput Screening, 2011, 14, 303-305.	1.1	0
38	Patent Review. Combinatorial Chemistry and High Throughput Screening, 2011, 14, 642-644.	1.1	0
39	Research Spotlight: The University of Kansas High-Throughput Screening Laboratory. Part I: meeting drug-discovery needs in the heartland of America with entrepreneurial flair. Future Medicinal Chemistry, 2011, 3, 789-795.	2.3	5
40	Research Spotlight: The University of Kansas High-Throughput Screening Laboratory. Part II: enabling collaborative drug-discovery partnerships through cutting-edge screening technology. Future Medicinal Chemistry, 2011, 3, 1101-1110.	2.3	6
41	Open Access High Throughput Drug Discovery in the Public Domain: A Mount Everest in the Making. Current Pharmaceutical Biotechnology, 2010, 11, 764-778.	1.6	63