Anuradha Roy

List of Publications by Year
in descending order

41	926	623734	477307
papers	citations	14 h-index	29 g-index

46	46	46	1989
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNAJA1 controls the fate of misfolded mutant p53 through the mevalonate pathway. Nature Cell Biology, 2016, 18, 1233-1243.	10.3	179
2	Identification and Validation of Novel Small Molecule Disruptors of HuR-mRNA Interaction. ACS Chemical Biology, 2015, 10, 1476-1484.	3.4	120
3	Natural product (â˜)â€gossypol inhibits colon cancer cell growth by targeting RNAâ€binding protein Musashiâ€1. Molecular Oncology, 2015, 9, 1406-1420.	4.6	116
4	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
5	Cooperative p16 and p21 action protects female astrocytes from transformation. Acta Neuropathologica Communications, 2018, 6, 12.	5.2	47
6	Identification of a Small Molecule Cyclophilin D Inhibitor for Rescuing AÎ²-Mediated Mitochondrial Dysfunction. ACS Medicinal Chemistry Letters, 2016, 7, 294-299.	2.8	38
7	Early Probe and Drug Discovery in Academia: A Minireview. High-Throughput, 2018, 7, 4.	4.4	33
8	Comparative oncology approach to drug repurposing in osteosarcoma. PLoS ONE, 2018, 13, e0194224.	2.5	22
9	High-Throughput Screening for Bacterial Glycosyltransferase Inhibitors. Frontiers in Cellular and Infection Microbiology, 2018, 8, 435.	3.9	21
10	DARC: Mapping Surface Topography by Ray-Casting for Effective Virtual Screening at Protein Interaction Sites. Journal of Medicinal Chemistry, 2016, 59, 4152-4170.	6.4	20
11	Fluorescence High-Throughput Screening for Inhibitors of TonB Action. Journal of Bacteriology, 2017, 199, .	2.2	20
12	A Cell-Based High-Throughput Screen for Novel Chemical Inducers of Fetal Hemoglobin for Treatment of Hemoglobinopathies. PLoS ONE, 2014, 9, e107006.	2.5	19
13	Targeting a Novel RNA-Protein Interaction for Therapeutic Intervention of Hantavirus Disease. Journal of Biological Chemistry, 2016, 291, 24702-24714.	3.4	18
14	Identification and Validation of an Aspergillus nidulans Secondary Metabolite Derivative as an Inhibitor of the Musashi-RNA Interaction. Cancers, 2020, 12, 2221.	3.7	17
15	Targeting Epithelial-Mesenchymal Transition for Identification of Inhibitors for Pancreatic Cancer Cell Invasion and Tumor Spheres Formation. PLoS ONE, 2016, 11, e0164811.	2.5	17
16	Disrupting interferon-alpha and NF-kappaB crosstalk suppresses IFITM1 expression attenuating triple-negative breast cancer progression. Cancer Letters, 2021, 514, 12-29.	7.2	16
17	Benzylmorpholine Analogs as Selective Inhibitors of Lung Cytochrome P450 2A13 for the Chemoprevention of Lung Cancer in Tobacco Users. Pharmaceutical Research, 2013, 30, 2290-2302.	3.5	12
18	Discovery of Small-Molecule Inhibitors Targeting the E3 Ubiquitin Ligase Activity of the Herpes Simplex Virus 1 ICP0 Protein Using an In Vitro High-Throughput Screening Assay. Journal of Virology, 2019, 93, .	3.4	12

#	Article	IF	Citations
19	Profiling Anticancer and Antioxidant Activities of Phenolic Compounds Present in Black Walnuts (Juglans nigra) Using a High-Throughput Screening Approach. Molecules, 2020, 25, 4516.	3.8	12
20	Identification of novel small molecule Beclin 1 mimetics activating autophagy. Oncotarget, 2017, 8, 51355-51369.	1.8	12
21	Challenges with risk mitigation in academic drug discovery: finding the best solution. Expert Opinion on Drug Discovery, 2019, 14, 95-100.	5.0	10
22	Expanding the results of a high throughput screen against an isochorismate-pyruvate lyase to enzymes of a similar scaffold or mechanism. Bioorganic and Medicinal Chemistry, 2014, 22, 5961-5969.	3.0	8
23	Repurposing p97 inhibitors for chemical modulation of the bacterial ClpBâ€“DnaK bichaperone system. Journal of Biological Chemistry, 2021, 296, 100079.	3.4	8
24	Full and Partial Agonism of a Designed Enzyme Switch. ACS Synthetic Biology, 2016, 5, 1475-1484.	3.8	7
25	Development of High-Throughput Screening Assay for Antihantaviral Therapeutics. SLAS Discovery, 2017, 22, 767-774.	2.7	7
26	Holistic Drug Targeting. , 2017, , 65-88.		7
27	YM155 Inhibits NleB and SseK Arginine Glycosyltransferase Activity. Pathogens, 2021, 10, 253.	2.8	7
28	Discovery of small molecule inhibitors of Plasmodium falciparum apicoplast DNA polymerase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1320-1326.	5.2	7
29	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
30	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
31	Drug screening to target nuclear orphan receptor NR4A2 for cancer therapeutics. Translational Lung Cancer Research, 2017, 6, 600-610.	2.8	5
32	How to rekindle drug discovery process through integrative therapeutic targeting?. Expert Opinion on Drug Discovery, 2018, 13, 893-898.	5.0	5
33	Bioactivity Profiling of Plant Biodiversity of Panama by High Throughput Screening. Natural Product Communications, 2019, 14, 1934578X1901400.	0.5	5
34	Compound Ranking Based on a New Mathematical Measure of Effectiveness Using Time Course Data from Cell-Based Assays. Combinatorial Chemistry and High Throughput Screening, 2013, 16, 168-179.	1.1	5
35	High Throughput Screening Operations at the University of Kansas. Combinatorial Chemistry and High Throughput Screening, 2014, 17, 387-393.	1.1	3
36	Chemoresistant Leukemia-Initiating Cell Expansion Is Inhibited By Targeting Oncogenic Self-Renewal. Blood, 2015, 126, 1860-1860.	1.4	2

#	Article	IF	Citations
37	High-Throughput Screening (HTS) Technology. , 2021, , 787-799.		1
38	Patent Review. Combinatorial Chemistry and High Throughput Screening, 2011, 14, 303-305.	1.1	0
39	Patent Review. Combinatorial Chemistry and High Throughput Screening, 2011, 14, 642-644.	1.1	0
40	Mutant Huntingtinâ€Calmodulin Interaction: Potential Therapeutic Target for Huntington's Disease. FASEB Journal, 2019, 33, 501.16.	0.5	0
41	Repurposing Avasimibe to Inhibit Bacterial Glycosyltransferases. Pathogens, 2022, 11, 370.	2.8	0