Gary T Pauly

List of Publications by Year
in descending order

22 papers	475 citations	840776 11 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	930 citing authors

#	Article	IF	Citations
1	Reactive astrocytic S1P3 signaling modulates the bloodâ€“tumor barrier in brain metastases. Nature Communications, 2018, 9, 2705.	12.8	91
2	Infectious Entry and Neutralization of Pathogenic JC Polyomaviruses. Cell Reports, 2017, 21, 1169-1179.	6.4	57
3	Alkyl Amine Bevirimat Derivatives Are Potent and Broadly Active HIV-1 Maturation Inhibitors. Antimicrobial Agents and Chemotherapy, 2016, 60, 190-197.	3.2	44
4	Rilpivirine and Doravirine Have Complementary Efficacies Against NNRTI-Resistant HIV-1 Mutants. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 72, 485-491.	2.1	42
5	Ezrin Inhibition Up-regulates Stress Response Gene Expression. Journal of Biological Chemistry, 2016, 291, 13257-13270.	3.4	40
6	Inhibiting Janus Kinase 1 and BCL-2 to treat T cell acute lymphoblastic leukemia with IL7-RÎ± mutations. Oncotarget, 2018, 9, 22605-22617.	1.8	30
7	A comparison of the ability of rilpivirine (TMC278) and selected analogues to inhibit clinically relevant HIV-1 reverse transcriptase mutants. Retrovirology, 2012, 9, 99.	2.0	29
8	Template-Dependent Incorporation of Spin-Labeled Thymidine Analogs into Viral DNA. Helvetica Chimica Acta, 1989, 72, 110-116.	1.6	19
9	Synchronous RNA conformational changes trigger ordered phase transitions in crystals. Nature Communications, 2021, 12, 1762.	12.8	17
10	Blocking downstream signaling pathways in the context of HDAC inhibition promotes apoptosis preferentially in cells harboring mutant Ras. Oncotarget, 2016, 7, 69804-69815.	1.8	14
11	Three Novel Spin-Labeled Substrates for Enzymatic Incorporation into Nucleic Acid Lattices. Helvetica Chimica Acta, 1986, 69, 345-349.	1.6	12
12	Rilpivirine analogs potently inhibit drug-resistant HIV-1 mutants. Retrovirology, 2016, 13, 11.	2.0	10
13	Botryllamide G is an ABCG2 inhibitor that improves lapatinib delivery in mouse brain. Cancer Biology and Therapy, 2020, 21, 223-230.	3.4	10
14	Improved detection and precise relative quantification of the urinary cancer metabolite biomarkers â€“ Creatine riboside, creatinine riboside, creatine and creatinine by UPLC-ESI-MS/MS: Application to the NCI-Maryland cohort population controls and lung cancer cases. Journal of Pharmaceutical and Biomedical Analysis, 2020, 191, 113596.	2.8	9
15	Structureâ€“Activity Relationships of Pyrazolo[1,5-a]pyrimidin-7(4H)-ones as Antitubercular Agents. ACS Infectious Diseases, 2021, 7, 479-492.	3.8	9
16	Structureâ€based nonâ€nucleoside inhibitor design: Developing inhibitors that are effective against resistant mutants. Chemical Biology and Drug Design, 2021, 97, 4-17.	3.2	8
17	INSTIs and NNRTIs Potently Inhibit HIV-1 Polypurine Tract Mutants in a Single Round Infection Assay. Viruses, 2021, 13, 2501.	3.3	8
18	Redox-active daunomycin-spin-labeled nucleic acid complexes. Biochemistry, 1986, 25, 6890-6895.	2.5	7

#	Article	IF	Citations
19	Molecular Dynamics in Proteinâ€"Single Stranded DNA Complexes. Two Distinct Nucleoside Mobilities in Poly(deoxythymidylic acid)â€"poly-L-lysine Complexes. Journal of Biomolecular Structure and Dynamics, 1985, 3, 249-260.	3.5	6
20	Molecular Dynamics in Proteinâ€"Single Stranded DNA Complexes. Two Distinct Nucleoside Mobilities in Poly(deoxythymidylic acid)â€"Gene 5 Protein Complexes. Journal of Biomolecular Structure and Dynamics, 1985, 3, 261-268.	3.5	5
21	The small molecule NSC676914A is cytotoxic and differentially affects NFÎºB signaling in ovarian cancer cells and HEK293 cells. Cancer Cell International, 2014, 14, 75.	4.1	4
22	Creatine riboside is a cancer cellâ€"derived metabolite associated with arginine auxotrophy. Journal of Clinical Investigation, 2022, 132, .	8.2	4