

Paul J Gane

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,190
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1940
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial Relatives of the Seed Storage Proteins of Higher Plants: Conservation of Structure and Diversification of Function during Evolution of the Cupin Superfamily. <i>Microbiology and Molecular Biology Reviews</i> , 2000, 64, 153-179.	6.6	310
2	SIFTS: Structure Integration with Function, Taxonomy and Sequences resource. <i>Nucleic Acids Research</i> , 2012, 41, D483-D489.	14.5	238
3	Recent advances in structure-based rational drug design. <i>Current Opinion in Structural Biology</i> , 2000, 10, 401-404.	5.7	190
4	Modeling based on the structure of vicilins predicts a histidine cluster in the active site of oxalate oxidase. <i>Journal of Molecular Evolution</i> , 1998, 46, 488-493.	1.8	81
5	Microbial Relatives of Seed Storage Proteins: Conservation of Motifs in a Functionally Diverse Superfamily of Enzymes. <i>Journal of Molecular Evolution</i> , 1998, 46, 147-154.	1.8	74
6	Gyrase B Inhibitor Impairs HIV-1 Replication by Targeting Hsp90 and the Capsid Protein. <i>Journal of Biological Chemistry</i> , 2010, 285, 39314-39328.	3.4	74
7	HIV-1 capsid is involved in post-nuclear entry steps. <i>Retrovirology</i> , 2016, 13, 28.	2.0	53
8	Oxadiazolyindazole Sodium Channel Modulators are Neuroprotective toward Hippocampal Neurones. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2694-2707.	6.4	51
9	Suppression of type 1 pilus assembly in uropathogenic <i>Escherichia coli</i> by chemical inhibition of subunit polymerization. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1017-1026.	3.0	41
10	2- and 3-substituted imidazo[1,2-a]pyrazines as inhibitors of bacterial type IV secretion. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6459-6470.	3.0	30
11	Discovery of inhibitors of the pectin superfamily protein dimethylarginine dimethylaminohydrolase (DDAH), by virtual screening and hit analysis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 3953-3956.	2.2	27
12	A Model for Prion Protein Dimerisation Based on β -Helical Packing. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 777-782.	2.1	13
13	Design, synthesis, and evaluation of peptide-imidazo[1,2-a]pyrazine bioconjugates as potential bivalent inhibitors of the VirB11 ATPase HPO525. <i>Journal of Peptide Science</i> , 2021, 27, e3353.	1.4	5
14	Molecular Fields in Ligand Discovery. <i>Methods in Molecular Biology</i> , 2013, 1008, 479-499.	0.9	3