

# Douglas R Houston

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

432  
citations

933264

10  
h-index

887953

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oligopeptide Signaling through TbGPR89 Drives Trypanosome Quorum Sensing. <i>Cell</i> , 2019, 176, 306-317.e16.	13.5	116
2	Intrinsic lipid binding activity of <sc>ATG</sc> 16L1 supports efficient membrane anchoring and autophagy. <i>EMBO Journal</i> , 2019, 38, .	3.5	59
3	Inhibition of the ERCC1&XPF structure-specific endonuclease to overcome cancer chemoresistance. <i>DNA Repair</i> , 2015, 31, 19-28.	1.3	56
4	Rapid Discovery and Structure&Activity Relationships of Pyrazolopyrimidines That Potently Suppress Breast Cancer Cell Growth via SRC Kinase Inhibition with Exceptional Selectivity over ABL Kinase. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4697-4710.	2.9	52
5	PRL3-DDX21 Transcriptional Control of Endolysosomal Genes Restricts Melanocyte Stem Cell Differentiation. <i>Developmental Cell</i> , 2020, 54, 317-332.e9.	3.1	30
6	A 5-FU Precursor Designed to Evade Anabolic and Catabolic Drug Pathways and Activated by Pd Chemistry <i>In Vitro</i> and <i>In Vivo</i>. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 552-561.	2.9	20
7	Development of Potent Inhibitors of Receptor Tyrosine Kinases by Ligand-Based Drug Design and Target-Biased Phenotypic Screening. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2104-2110.	2.9	19
8	UFSRAT: Ultra-Fast Shape Recognition with Atom Types &The Discovery of Novel Bioactive Small Molecular Scaffolds for FKBP12 and 11 <sup>β</sup> HSD1. <i>PLoS ONE</i> , 2015, 10, e0116570.	1.1	15
9	Insights into the Effects of Cancer Associated Mutations at the UPF2 and ATP-Binding Sites of NMD Master Regulator: UPF1. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5644.	1.8	13
10	Discovery of a novel ligand that modulates the protein&protein interactions of the AAA+ superfamily oncoprotein reptin. <i>Chemical Science</i> , 2015, 6, 3109-3116.	3.7	11
11	A single KH domain in Bicaudal-C links mRNA binding and translational repression functions to maternal development. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	11
12	Recognition Dynamics of Cancer Mutations on the ERp57-Tapasin Interface. <i>Cancers</i> , 2020, 12, 737.	1.7	8
13	Design of drug-like hepsin inhibitors against prostate cancer and kidney stones. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1309-1320.	5.7	7
14	Mono&Substituted Hydrocarbon Diastereomer Combinations Reveal Stapled Peptides with High Structural Fidelity. <i>Chemistry - A European Journal</i> , 2018, 24, 2094-2097.	1.7	6
15	Bypassing the requirement for aminoacyl-tRNA by a cyclodipeptide synthase enzyme. <i>RSC Chemical Biology</i> , 2021, 2, 230-240.	2.0	5
16	An inter-subunit protein-peptide interface that stabilizes the specific activity and oligomerization of the AAA+ chaperone Reptin. <i>Journal of Proteomics</i> , 2019, 199, 89-101.	1.2	3
17	Demonstration of the Anthelmintic Potency of Marimastat in the <i>Heligmosomoides polygyrus</i> Rodent Model. <i>Journal of Parasitology</i> , 2018, 104, 705-709.	0.3	1
18	Evidence that nuclear receptors are related to terpene synthases. <i>Journal of Molecular Endocrinology</i> , 2022, 68, 153-166.	1.1	0