

Andrea Testa

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,373
citations

471509

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h-index

414414

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39
docs citations

39
times ranked

2100
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis of PROTAC cooperative recognition for selective protein degradation. <i>Nature Chemical Biology</i> , 2017, 13, 514-521.	8.0	758
2	Iterative Design and Optimization of Initially Inactive Proteolysis Targeting Chimeras (PROTACs) Identify VZ185 as a Potent, Fast, and Selective von Hippel-Lindau (VHL) Based Dual Degradator Probe of BRD9 and BRD7. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 699-726.	6.4	230
3	Homo-PROTACs: bivalent small-molecule dimerizers of the VHL E3 ubiquitin ligase to induce self-degradation. <i>Nature Communications</i> , 2017, 8, 830.	12.8	184
4	Impact of Target Warhead and Linkage Vector on Inducing Protein Degradation: Comparison of Bromodomain and Extra-Terminal (BET) Degraders Derived from Triazolodiazepine (JQ1) and Tetrahydroquinoline (I-BET726) BET Inhibitor Scaffolds. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 504-513.	6.4	161
5	Structure-Based Design of a Macrocyclic PROTAC. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1727-1734.	13.8	150
6	Trivalent PROTACs enhance protein degradation via combined avidity and cooperativity. <i>Nature Chemical Biology</i> , 2021, 17, 1157-1167.	8.0	108
7	3-Fluoro-4-hydroxyprolines: Synthesis, Conformational Analysis, and Stereoselective Recognition by the VHL E3 Ubiquitin Ligase for Targeted Protein Degradation. <i>Journal of the American Chemical Society</i> , 2018, 140, 9299-9313.	13.7	102
8	Cereblon versus VHL: Hijacking E3 ligases against each other using PROTACs. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2466-2479.	3.0	97
9	Rapid and Reversible Knockdown of Endogenously Tagged Endosomal Proteins via an Optimized HaloPROTAC Degradator. <i>ACS Chemical Biology</i> , 2019, 14, 882-892.	3.4	88
10	Understanding and Improving the Membrane Permeability of VH032-Based PROTACs. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1732-1738.	2.8	83
11	Design and Characterization of SGK3-PROTAC1, an Isoform Specific SGK3 Kinase PROTAC Degradator. <i>ACS Chemical Biology</i> , 2019, 14, 2024-2034.	3.4	67
12	New molecular and therapeutic insights into canine diffuse large B-cell lymphoma elucidates the role of the dog as a model for human disease. <i>Haematologica</i> , 2019, 104, e256-e259.	3.5	43
13	Inducible Degradation of Target Proteins through a Tractable Affinity-Directed Protein Missile System. <i>Cell Chemical Biology</i> , 2020, 27, 1164-1180.e5.	5.2	42
14	Development of BromoTag: A "Bump-and-Hole" PROTAC System to Induce Potent, Rapid, and Selective Degradation of Tagged Target Proteins. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15477-15502.	6.4	37
15	Optimization of a "bump-and-hole" approach to allele-selective BET bromodomain inhibition. <i>Chemical Science</i> , 2018, 9, 2452-2468.	7.4	34
16	PET Tracers To Study Clinically Relevant Hepatic Transporters. <i>Molecular Pharmaceutics</i> , 2015, 12, 2203-2216.	4.6	31
17	Diastereoselective Protocols for the Synthesis of 2,3- <i>trans</i> - and 2,3- <i>cis</i> -6-Methoxy-morpholine-2-carboxylic Acid Derivatives. <i>Journal of Organic Chemistry</i> , 2012, 77, 3454-3461.	3.2	24
18	Design, synthesis, in vitro characterization and preliminary imaging studies on fluorinated bile acid derivatives as PET tracers to study hepatic transporters. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 963-976.	3.0	18

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19	Mind the Metal: A Fragment Library-Derived Zinc Impurity Binds the E2 Ubiquitin-Conjugating Enzyme Ube2T and Induces Structural Rearrangements. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8183-8191.	6.4	17
20	Tricyclic Fused Pyrazoles with a Click^{TM} 1,2,3-Triazole Substituent in Position 3 Are Nanomolar CB1 Receptor Ligands. <i>Synthesis</i> , 2015, 47, 817-826.	2.3	15
21	High Affinity Click^{TM} -RGD Peptidomimetics as Radiolabeled Probes for Imaging $\alpha_v\beta_3$ Integrin. <i>ChemMedChem</i> , 2017, 12, 1142-1151.	3.2	13
22	Structure-Based Design of a Macrocyclic PROTAC. <i>Angewandte Chemie</i> , 2020, 132, 1744-1751.	2.0	13
23	Translating PROTAC chemical series optimization into functional outcomes underlying BRD7 and BRD9 protein degradation. <i>Current Research in Chemical Biology</i> , 2021, 1, 100009.	2.9	11
24	Development of NanoLuc-targeting protein degraders and a universal reporter system to benchmark tag-targeted degradation platforms. <i>Nature Communications</i> , 2022, 13, 2073.	12.8	11
25	Synthesis and Superpotent Anticancer Activity of Tubulysins Carrying Nonhydrolysable N -Substituents on Tubuvaline. <i>Chemistry - A European Journal</i> , 2017, 23, 5842-5850.	3.3	9
26	Multifunctional Deuterated and Tritiated Click^{TM} Molecular Probes via Palladium -Mediated Reductive Deiodination of 5-Iodo-1,2,3-Triazoles. <i>Synlett</i> , 2014, 25, 1019-1025.	1.8	5
27	Design and Synthesis of an RGD Peptidomimetic-Paclitaxel Conjugate Targeting $\alpha_v\beta_3$ Integrin for Tumour-Directed Drug Delivery. <i>Synlett</i> , 2017, 28, 2769-2776.	1.8	5
28	Stereoselective synthesis of allele-specific BET inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7533-7539.	2.8	4
29	The bromodomain and extra-terminal domain degrader MZ1 exhibits preclinical anti-tumoral activity in diffuse large B-cell lymphoma of the activated B cell-like type. <i>Exploration of Targeted Anti-tumor Therapy</i> , 2021, 2, 586-601.	0.8	3
30	Improved synthesis of the hypoxia probe 5-deutero-5-fluoro-5-deoxy-azomycin arabinoside (FAZA) as a model process for tritium radiolabeling. <i>Journal of Fluorine Chemistry</i> , 2013, 155, 110-117.	1.7	1
31	Preclinical Evaluation of [^{18}F]LCATD as a PET Tracer to Study Drug-Drug Interactions Caused by Inhibition of Hepatic Transporters. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-10.	0.8	1