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## 10 years into the resurgence of covalent drugs

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#	Paper	IF	Citations
45	Recent advances in the development of covalent inhibitors. <i>RSC Medicinal Chemistry</i> , <b>2021</b> , 12, 1037-1045	5.5	7
44	Early career research in medicinal chemistry. <i>Future Medicinal Chemistry</i> , <b>2021</b> , 13, 91-93	4.1	0
43	Prioritization of antimicrobial targets by CRISPR-based oligo recombineering.		0
42	Design, Synthesis, and Structural Characterization of Lysine Covalent BH3 Peptides Targeting Mcl-1. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 4903-4912	8.3	5
41	Electrophilic Natural Products as Drug Discovery Tools. <i>Trends in Pharmacological Sciences</i> , <b>2021</b> , 42, 434-447	13.2	5
40	Covalent fragment screening. <i>Annual Reports in Medicinal Chemistry</i> , <b>2021</b> , 56, 243-265	1.6	0
39	Covalent PROTACs: the best of both worlds?. <i>RSC Medicinal Chemistry</i> , <b>2021</b> , 12, 1452-1458	3.5	4
38	Mechanism of activation and the rewired network: New drug design concepts. <i>Medicinal Research Reviews</i> , <b>2021</b> ,	14.4	2
37	Proteasome Inhibitors and Their Pharmacokinetics, Pharmacodynamics, and Metabolism. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
36	Discovery of 9,10-dihydrophenanthrene derivatives as SARS-CoV-2 3CL inhibitors for treating COVID-19. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 228, 114030	6.8	3
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34	High-Throughput Kinetic Characterization of Irreversible Covalent Inhibitors of KRAS by Intact Protein MS and Targeted MRM.. <i>Analytical Chemistry</i> , <b>2022</b> ,	7.8	1
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32	Genetically encoding latent bioreactive amino acids and the development of covalent protein drugs.. <i>Current Opinion in Chemical Biology</i> , <b>2021</b> , 66, 102106	9.7	3
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29	Inverse Drug Discovery identifies weak electrophiles affording protein conjugates.. <i>Current Opinion in Chemical Biology</i> , <b>2022</b> , 67, 102113	9.7	1

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23	Pathobiology and Therapeutic Relevance of GSK-3 in Chronic Hematological Malignancies. <i>Cells</i> , <b>2022</b> , 11, 1812	7.9	1
22	Rational identification of small molecules derived from 9,10-dihydrophenanthrene as potential inhibitors of 3CLpro enzyme for COVID-19 therapy: a computer-aided drug design approach. <i>Structural Chemistry</i> ,	1.8	3
21	N-Acylamino Saccharin as an Emerging Cysteine-Directed Covalent Warhead and Its Application in the Identification of Novel FBPase Inhibitors toward Glucose Reduction. <i>Journal of Medicinal Chemistry</i> , <b>2022</b> , 65, 9126-9143	8.3	
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13	Docking covalent targets for drug discovery: stimulating the computer-aided drug design community of possible pitfalls and erroneous practices.		1
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- 8 CRISPR-based oligo recombineering prioritizes apicomplexan cysteines for drug discovery. **2022**, 7, 1891-1905 1
- 7 Development of selective NLRP3 inflammasome inhibitors. **2023**, 565-582 o
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- 4 Development of Highly Potent Noncovalent Inhibitors of SARS-CoV-2 3CLpro. o
- 3 Drug discovery: Standing on the shoulders of giants. **2023**, 207-338 o
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