

Sergii Kolodych

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,128
citations

394421
19
h-index

610901
24
g-index

27
all docs

27
docs citations

27
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-specific interactions of antibody-oligonucleotide conjugates with living cells. Scientific Reports, 2021, 11, 5881.	3.3	5
2	Automated linkage of proteins and payloads producing monodisperse conjugates. Chemical Science, 2020, 11, 1210-1215.	7.4	19
3	On the use of DNA as a linker in antibody-drug conjugates: synthesis, stability and in vitro potency. Scientific Reports, 2020, 10, 7691.	3.3	20
4	Antibody-oligonucleotide conjugates as therapeutic, imaging, and detection agents. Bioconjugate Chemistry, 2019, 30, 2483-2501.	3.6	83
5	Reduction-oxidation strategy for the preparation of ADPN-based antibody-drug conjugates. MedChemComm, 2018, 9, 827-830.	3.4	24
6	Design and Synthesis of Iminosydones for Fast Click and Release Reactions with Cycloalkynes. Chemistry - A European Journal, 2018, 24, 8535-8541.	3.3	33
7	Targeting the tumour microenvironment with an enzyme-responsive drug delivery system for the efficient therapy of breast and pancreatic cancers. Chemical Science, 2017, 8, 3427-3433.	7.4	95
8	Acyl Fluorides: Fast, Efficient, and Versatile Lysine-Based Protein Conjugation via Plug-and-Play Strategy. Bioconjugate Chemistry, 2017, 28, 1452-1457.	3.6	31
9	Bioorthogonal Click and Release Reaction of Iminosydones with Cycloalkynes. Angewandte Chemie - International Edition, 2017, 56, 15612-15616.	13.8	91
10	Bioorthogonal Click and Release Reaction of Iminosydones with Cycloalkynes. Angewandte Chemie, 2017, 129, 15818-15822.	2.0	32
11	Development and evaluation of β -galactosidase-sensitive antibody-drug conjugates. European Journal of Medicinal Chemistry, 2017, 142, 376-382.	5.5	38
12	Ultrafast Click Chemistry with Fluorosydones. Angewandte Chemie - International Edition, 2016, 55, 12073-12077.	13.8	93
13	Ultrafast Click Chemistry with Fluorosydones. Angewandte Chemie, 2016, 128, 12252-12256.	2.0	20
14	2-(Maleimidomethyl)-1,3-Dioxanes (MD): a Serum-Stable Self-hydrolysable Hydrophilic Alternative to Classical Maleimide Conjugation. Scientific Reports, 2016, 6, 30835.	3.3	39
15	Palladium-catalyzed chemoselective and biocompatible functionalization of cysteine-containing molecules at room temperature. Chemistry - A European Journal, 2016, 22, 11365-11370.	3.3	51
16	Copper(I)-catalyzed cycloaddition of 4-bromosydones and alkynes for the regioselective synthesis of 1,4,5-trisubstituted pyrazoles. Organic Letters, 2015, 17, 362-365.	4.6	46
17	CBTF: New amine-to-thiol coupling reagent for preparation of antibody conjugates with increased plasma stability. Bioconjugate Chemistry, 2015, 26, 197-200.	3.6	53
18	MAPN: First-in-class reagent for kinetically resolved thiol-to-thiol conjugation. Bioconjugate Chemistry, 2015, 26, 1863-1867.	3.6	11

#	ARTICLE	IF	CITATIONS
19	4-Halogeno-sydnone for fast strain promoted cycloaddition with bicyclo-[6.1.0]-nonyne. Chemical Communications, 2014, 50, 9376-9378.	4.1	72
20	Iridium-Catalyzed Cycloaddition of Azides and 1-Bromoalkynes at Room Temperature. Organic Letters, 2013, 15, 4698-4701.	4.6	97
21	Discovery of Chemoselective and Biocompatible Reactions Using a High-Throughput Immunoassay Screening. Angewandte Chemie - International Edition, 2013, 52, 12056-12060.	13.8	106
22	Discovery of Chemoselective and Biocompatible Reactions Using a High-Throughput Immunoassay Screening. Angewandte Chemie, 2013, 125, 12278-12282.	2.0	28
23	Reaction Discovery by Using a Sandwich Immunoassay. Angewandte Chemie - International Edition, 2012, 51, 6144-6148.	13.8	36