

Charlotte C Williams

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7567479/publications.pdf>

Version: 2024-02-01

35
papers

1,228
citations

430874

18
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

1777
citing authors

#	ARTICLE	IF	CITATIONS
1	Preclinical Evaluation of a Fluorescent Probe Targeting Receptor CDCP1 for Identification of Ovarian Cancer. <i>Molecular Pharmaceutics</i> , 2021, 18, 3464-3474.	4.6	2
2	Preparation of Protein-Polymer Conjugates: Copolymerisation by RAFT. <i>Australian Journal of Chemistry</i> , 2020, , .	0.9	3
3	Dual Site-Specific Labeling of an Antibody Fragment through Sortase A and ϵ -Clamp Conjugation. <i>Bioconjugate Chemistry</i> , 2019, 30, 2539-2543.	3.6	17
4	A 30 kDa polyethylene glycol-enfuvirtide complex enhances the exposure of enfuvirtide in lymphatic viral reservoirs in rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 137, 218-226.	4.3	9
5	Engineered enzymes that retain and regenerate their cofactors enable continuous-flow biocatalysis. <i>Nature Catalysis</i> , 2019, 2, 1006-1015.	34.4	91
6	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2018, , 493-550.	0.5	12
7	An Evaluation of Optimal PEGylation Strategies for Maximizing the Lymphatic Exposure and Antiviral Activity of Interferon after Subcutaneous Administration. <i>Biomacromolecules</i> , 2017, 18, 2866-2875.	5.4	15
8	Surfactant protein-A nanobody-conjugated liposomes loaded with methylprednisolone increase lung-targeting specificity and therapeutic effect for acute lung injury. <i>Drug Delivery</i> , 2017, 24, 1770-1781.	5.7	30
9	Sugar analog synthesis by in vitro biocatalytic cascade: A comparison of alternative enzyme complements for dihydroxyacetone phosphate production as a precursor to rare chiral sugar synthesis. <i>PLoS ONE</i> , 2017, 12, e0184183.	2.5	12
10	High-Throughput Production of Chromium(III) Complexes for Antibody Immobilization. <i>Analytical Chemistry</i> , 2016, 88, 10102-10110.	6.5	15
11	A chemiluminescent sandwich ELISA enhancement method using a chromium (III) coordination complex. <i>Journal of Immunological Methods</i> , 2016, 438, 59-66.	1.4	15
12	Conjugation of 10 kDa Linear PEG onto Trastuzumab Fab Is Sufficient to Significantly Enhance Lymphatic Exposure while Preserving in Vitro Biological Activity. <i>Molecular Pharmaceutics</i> , 2016, 13, 1229-1241.	4.6	25
13	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2015, 27, 531-573.	0.5	9
14	PEGylation Does Not Significantly Change the Initial Intravenous or Subcutaneous Pharmacokinetics or Lymphatic Exposure of Trastuzumab in Rats but Increases Plasma Clearance after Subcutaneous Administration. <i>Molecular Pharmaceutics</i> , 2015, 12, 794-809.	4.6	34
15	Enzyme-Mediated Site-Specific Bioconjugation of Metal Complexes to Proteins: Sortase-Mediated Coupling of Copper to a Single-Chain Antibody. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6115-6119.	13.8	82
16	Comparison of alternative nucleophiles for Sortase A-mediated bioconjugation and application in neuronal cell labelling. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2675-2685.	2.8	19
17	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2013, , 455-495.	0.5	11
18	Concerning the dual emission of porphyrazines employed in biomedical imaging. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1086-1090.	2.9	5

#	ARTICLE	IF	CITATIONS
19	Determination of the Structure of the Catabolic N-Succinylornithine Transaminase (AstC) from <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2013, 8, e58298.	2.5	17
20	Engineering of an anti-epidermal growth factor receptor antibody to single chain format and labeling by sortase A-mediated protein ligation. <i>Biotechnology and Bioengineering</i> , 2012, 109, 1461-1470.	3.3	51
21	RAFT-Derived Polymer-Drug Conjugates: Poly(hydroxypropyl methacrylamide) (HPMA)-Ethyl-hydroxycamptothecin (SN-38) Conjugates. <i>ChemMedChem</i> , 2012, 7, 281-291.	3.2	28
22	Cancer-targeting Antibody-Drug Conjugates: Site-specific Conjugation of Doxorubicin to Anti-EGFR 528 Fab' through a Polyethylene Glycol Linker. <i>Australian Journal of Chemistry</i> , 2011, 64, 779.	0.9	15
23	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2011, 23, 465-504.	0.5	7
24	Mercury Complexes of N-Heterocyclic Carbenes Derived from Imidazolium-Linked Cyclophanes: Synthesis, Structure, and Reactivity. <i>Organometallics</i> , 2009, 28, 3793-3803.	2.3	56
25	Synthesis and Optoelectronic Properties of Nonpolar Polyrotaxane Insulated Molecular Wires with High Solubility in Organic Solvents. <i>Advanced Functional Materials</i> , 2008, 18, 3367-3376.	14.9	51
26	Azolium-Linked Cyclophanes: Effects of Structure, Solvent, and Counteranions on Solution Conformation Behavior. <i>Journal of Organic Chemistry</i> , 2008, 73, 9340-9352.	3.2	32
27	Stabilisation of a heptamethine cyanine dye by rotaxane encapsulation. <i>Chemical Communications</i> , 2008, , 2897.	4.1	79
28	Phase Segregation in Thin Films of Conjugated Polyrotaxane-Poly(ethylene oxide) Blends: A Scanning Force Microscopy Study. <i>Advanced Functional Materials</i> , 2007, 17, 927-932.	14.9	16
29	Palladium, rhodium and platinum complexes of ortho-xylyl-linked bis-N-heterocyclic carbenes: Synthesis, structure and catalytic activity. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 5845-5855.	1.8	71
30	Synthesis and structure of N-heterocyclic carbene complexes of rhodium and iridium derived from an imidazolium-linked cyclophane. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2312-2322.	1.8	43
31	Azolium-Linked Cyclophanes: A Comprehensive Examination of Conformations by ¹ H NMR Spectroscopy and Structural Studies. <i>Journal of Organic Chemistry</i> , 2004, 69, 7640-7652.	3.2	73
32	Synthesis and Characterization of a Saddle-Shaped Nickel-Carbene Complex Derived from an Imidazolium-Linked meta-Cyclophane. <i>Organometallics</i> , 2002, 21, 2674-2678.	2.3	92
33	Palladium carbene complexes derived from imidazolium-linked ortho-cyclophanes. <i>Dalton Transactions RSC</i> , 2001, , 111-120.	2.3	131
34	Functionalization of Cage Amines with Pendant Aromatic and Heteroaromatic Substituents. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1869-1881.	2.0	20
35	Rapid Communication. Imidazolium-Linked Cyclophanes. <i>Australian Journal of Chemistry</i> , 1999, 52, 823.	0.9	40