

Sanne Schoffelen

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,628
citations

471477

17
h-index

454934

30
g-index

54
all docs

54
docs citations

54
times ranked

2667
citing authors

#	ARTICLE	IF	CITATIONS
1	Aza-dibenzocyclooctynes for fast and efficient enzyme PEGylation via copper-free (3+2) cycloaddition. <i>Chemical Communications</i> , 2010, 46, 97-99.	4.1	494
2	Multi-enzyme systems: bringing enzymes together in vitro. <i>Soft Matter</i> , 2012, 8, 1736-1746.	2.7	236
3	Chemical approaches for the construction of multi-enzyme reaction systems. <i>Current Opinion in Structural Biology</i> , 2013, 23, 613-621.	5.7	104
4	A Block Copolymer for Functionalisation of Polymersome Surfaces. <i>Macromolecular Rapid Communications</i> , 2008, 29, 321-325.	3.9	81
5	Site-Specific Modification of <i>Candida antarctica</i> Lipase B via Residue-Specific Incorporation of a Non-Canonical Amino Acid. <i>Bioconjugate Chemistry</i> , 2008, 19, 1127-1131.	3.6	80
6	Metal-free and pH-controlled introduction of azides in proteins. <i>Chemical Science</i> , 2011, 2, 701.	7.4	73
7	Multiplex secretome engineering enhances recombinant protein production and purity. <i>Nature Communications</i> , 2020, 11, 1908.	12.8	63
8	Rational Tuning of Fluorobenzene Probes for Cysteine-Selective Protein Modification. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8022-8026.	13.8	58
9	Recent advances in covalent, site-specific protein immobilization. <i>F1000Research</i> , 2016, 5, 2303.	1.6	48
10	A DNA-based strategy for dynamic positional enzyme immobilization inside fused silica microchannels. <i>Chemical Science</i> , 2011, 2, 1278.	7.4	47
11	Synthesis and Self-Assembly of Well-Defined Elastin-Like Polypeptide-Poly(ethylene glycol) Conjugates. <i>Biomacromolecules</i> , 2014, 15, 2751-2759.	5.4	46
12	Selective N-terminal acylation of peptides and proteins with a Gly-His tag sequence. <i>Nature Communications</i> , 2018, 9, 3307.	12.8	45
13	“Clickable” elastins: elastin-like polypeptides functionalized with azide or alkyne groups. <i>Chemical Communications</i> , 2009, , 4022.	4.1	42
14	Orientation of llama antibodies strongly increases sensitivity of biosensors. <i>Biosensors and Bioelectronics</i> , 2014, 60, 130-136.	10.1	38
15	General Strategy for Ordered Noncovalent Protein Assembly on Well-Defined Nanoscaffolds. <i>Biomacromolecules</i> , 2013, 14, 4351-4359.	5.4	29
16	Construction of a Multifunctional Enzyme Complex via the Strain-Promoted Azide-Alkyne Cycloaddition. <i>Bioconjugate Chemistry</i> , 2013, 24, 987-996.	3.6	29
17	Click-Chemistry-Mediated Synthesis of Selective Melanocortin Receptor 4 Agonists. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8716-8730.	6.4	17
18	Rational Tuning of Fluorobenzene Probes for Cysteine-Selective Protein Modification. <i>Angewandte Chemie</i> , 2018, 130, 8154-8158.	2.0	14

#	ARTICLE	IF	CITATIONS
19	Covalent and Stable CuAAC Modification of Silicon Surfaces for Control of Cell Adhesion. <i>ChemBioChem</i> , 2015, 16, 782-791.	2.6	13
20	Click Chemistry Mediated Functionalization of Vertical Nanowires for Biological Applications. <i>Chemistry - A European Journal</i> , 2016, 22, 496-500.	3.3	13
21	Computational Evolution of Threonine-Rich β -Hairpin Peptides Mimicking Specificity and Affinity of Antibodies. <i>ACS Central Science</i> , 2019, 5, 259-269.	11.3	9
22	Protein enrichment by capture-release based on strain-promoted cycloaddition of azide with bicyclononyne (BCN). <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 655-661.	3.0	8
23	Specific Electrostatic Molecular Recognition in Water. <i>Chemistry - A European Journal</i> , 2016, 22, 7206-7214.	3.3	8
24	Sustainable Flow Synthesis of Encoded Beads for Combinatorial Chemistry and Chemical Biology. <i>ACS Combinatorial Science</i> , 2018, 20, 492-498.	3.8	7
25	Semisynthesis of an Active Enzyme by Quantitative Click Ligation. <i>Bioconjugate Chemistry</i> , 2019, 30, 1169-1174.	3.6	7
26	Design and Combinatorial Development of Shield-1 Peptide Mimetics Binding to Destabilized FKBP12. <i>ACS Combinatorial Science</i> , 2020, 22, 156-164.	3.8	4
27	Highly Selective Lysine Acylation in Proteins Using a Lys-His Tag Sequence. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	3
28	Synthesis of Covalently Linked Enzyme Dimers. <i>ACS Symposium Series</i> , 2010, , 125-139.	0.5	2
29	Advances in Merging Triazoles with Peptides and Proteins. <i>Topics in Heterocyclic Chemistry</i> , 2015, , 267-304.	0.2	2
30	InnenrÄ¼cktitelbild: Rational Tuning of Fluorobenzene Probes for Cysteine-selective Protein Modification (<i>Angew. Chem.</i> 27/2018). <i>Angewandte Chemie</i> , 2018, 130, 8463-8463.	2.0	1