Nicholas J Mitchell

List of Publications by Year
in descending order

27	1,022	471509 17	501196 28
papers	citations	h-index	g-index

32	32	32	1183
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Siteâ€Selective Installation of N^{Ïµ}â€Modified Sidechains into Peptide and Protein Scaffolds via Visibleâ€Lightâ€Mediated Desulfurative Câ€“C Bond Formation. Angewandte Chemie, 2022, 134, e202110223.	2.0	9
2	Siteâ€Selective Installation of N^{Ïµ}â€Modified Sidechains into Peptide and Protein Scaffolds via Visibleâ€Lightâ€Mediated Desulfurative Câ€“C Bond Formation. Angewandte Chemie - International Edition, 2022, 61, .	13.8	21
3	The Chemical Synthesis of Site-Specifically Modified Proteins Via Diselenide-Selenoester Ligation. Methods in Molecular Biology, 2021, 2355, 231-251.	0.9	1
4	Mimicking Native Display of CD0873 on Liposomes Augments Its Potency as an Oral Vaccine against Clostridioides difficile. Vaccines, 2021, 9, 1453.	4.4	5
5	Siteâ€Selective Modification of Peptides and Proteins via Interception of Freeâ€Radicalâ€Mediated Dechalcogenation. Angewandte Chemie, 2020, 132, 23867-23875.	2.0	4
6	Siteâ€Selective Modification of Peptides and Proteins via Interception of Freeâ€Radicalâ€Mediated Dechalcogenation. Angewandte Chemie - International Edition, 2020, 59, 23659-23667.	13.8	22
7	Construction of Challenging Prolineâ€“Proline Junctions via Diselenideâ€“Selenoester Ligation Chemistry. Journal of the American Chemical Society, 2018, 140, 13327-13334.	13.7	55
8	Development of lipopolyplexes for gene delivery: A comparison of the effects of differing modes of targeting peptide display on the structure and transfection activities of lipopolyplexes. Journal of Peptide Science, 2018, 24, e3131.	1.4	11
9	Detecting intratumoral heterogeneity of EGFR activity by liposome-based in vivo transfection of a fluorescent biosensor. Oncogene, 2017, 36, 3618-3628.	5.9	16
10	Accelerated Protein Synthesis via One-Pot Ligation-Deselenization Chemistry. CheM, 2017, 2, 703-715.	11.7	64
11	Oneâ€Pot Ligationâ€“Oxidative Deselenization at Selenocysteine and Selenocystine. Chemistry - A European Journal, 2017, 23, 946-952.	3.3	37
12	PP1 initiates the dephosphorylation of MASTL, triggering mitotic exit and bistability in human cells. Journal of Cell Science, 2016, 129, 1340-54.	2.0	44
13	Single addition of an allylamine monomer enables access to end-functionalized RAFT polymers for native chemical ligation. Chemical Communications, 2016, 52, 12952-12955.	4.1	15
14	Oxidative Deselenization of Selenocysteine: Applications for Programmed Ligation at Serine. Angewandte Chemie - International Edition, 2015, 54, 12716-12721.	13.8	84
15	Rapid Additive-Free Selenocystineâ€“Selenoester Peptide Ligation. Journal of the American Chemical Society, 2015, 137, 14011-14014.	13.7	181
16	Peptide ligation chemistry at selenol amino acids. Journal of Peptide Science, 2014, 20, 64-77.	1.4	65
17	Incorporation of paramagnetic, fluorescent and PET/SPECT contrast agents into liposomes for multimodal imaging. Biomaterials, 2013, 34, 1179-1192.	11.4	69
18	Disentangling Steric and Electrostatic Factors in Nanoscale Transport Through Confined Space. Nano Letters, 2013, 13, 3890-3896.	9.1	19

#	Article	IF	Citations
19	Single-Molecule AFM Characterization of Individual Chemically Tagged DNA Tetrahedra. ACS Nano, 2011, 5, 7048-7054.	14.6	33
20	Chemical Tags Mediate the Orthogonal Selfâ€Assembly of DNA Duplexes into Supramolecular Structures. Small, 2010, 6, 1732-1735.	10.0	12
21	A DNA Nanostructure for the Functional Assembly of Chemical Groups with Tunable Stoichiometry and Defined Nanoscale Geometry. Angewandte Chemie, 2009, 121, 9178-9178.	2.0	0
22	A DNA Nanostructure for the Functional Assembly of Chemical Groups with Tunable Stoichiometry and Defined Nanoscale Geometry. Angewandte Chemie - International Edition, 2009, 48, 525-527.	13.8	78
23	A DNA Nanostructure for the Functional Assembly of Chemical Groups with Tunable Stoichiometry and Defined Nanoscale Geometry. Angewandte Chemie - International Edition, 2009, 48, 9016-9016.	13.8	0
24	Chemically Labeled Nucleotides and Oligonucleotides Encode DNA for Sensing with Nanopores. Journal of the American Chemical Society, 2009, 131, 7530-7531.	13.7	22
25	Chemical Tags Facilitate the Sensing of Individual DNA Strands with Nanopores. Angewandte Chemie - International Edition, 2008, 47, 5565-5568.	13.8	55
26	Inside Cover: Chemical Tags Facilitate the Sensing of Individual DNA Strands with Nanopores (Angew.) Tj ETQq0 0 0 rgBT /Overlock 10 T	13.8	8
27	Nanoscale Protein Pores Modified with PAMAM Dendrimers. Journal of the American Chemical Society, 2007, 129, 9640-9649.	13.7	38