

Anna Barnard

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,094
citations

516215

16
h-index

610482

24
g-index

28
all docs

28
docs citations

28
times ranked

1621
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradable Self-Assembling Dendrons for Gene Delivery: Experimental and Theoretical Insights into the Barriers to Cellular Uptake. <i>Journal of the American Chemical Society</i> , 2011, 133, 20288-20300.	6.6	166
2	Self-Assembled Multivalency: Dynamic Ligand Arrays for High-Affinity Binding. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6572-6581.	7.2	157
3	Mallard Blue: A High-Affinity Selective Heparin Sensor That Operates in Highly Competitive Media. <i>Journal of the American Chemical Society</i> , 2013, 135, 2911-2914.	6.6	107
4	A high throughput screen for next-generation leads targeting malaria parasite transmission. <i>Nature Communications</i> , 2018, 9, 3805.	5.8	92
5	Selective and Potent Proteomimetic Inhibitors of Intracellular Protein-Protein Interactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2960-2965.	7.2	82
6	Less is more – multiscale modelling of self-assembling multivalency and its impact on DNA binding and gene delivery. <i>Chemical Science</i> , 2010, 1, 393.	3.7	76
7	Self-Assembling Ligands for Multivalent Nanoscale Heparin Binding. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4675-4679.	7.2	66
8	Controlled Release of DNA From Photoresponsive Hyperbranched Polyglycerols with Oligoamine Shells. <i>Macromolecular Bioscience</i> , 2011, 11, 1736-1746.	2.1	46
9	Double-degradable responsive self-assembled multivalent arrays – temporary nanoscale recognition between dendrons and DNA. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 446-455.	1.5	33
10	Polyglycerol-based amphiphilic dendrons as potential siRNA carriers for in vivo applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2153-2167.	2.9	32
11	Orthogonal functionalisation of α -helix mimetics. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6794-6799.	1.5	24
12	Selective and Potent Proteomimetic Inhibitors of Intracellular Protein-Protein Interactions. <i>Angewandte Chemie</i> , 2015, 127, 3003-3008.	1.6	24
13	Aromatic Oligoamide Foldamers with a "Wet Edge" as Inhibitors of the α -Helix-Mediated p53-DNA-M2 Protein-Protein Interaction. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3504-3512.	1.2	23
14	Enantioselective lactate binding by chiral tripodal anion hosts derived from amino acids. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1554.	1.5	21
15	Modulators of protein-protein interactions as antimicrobial agents. <i>RSC Chemical Biology</i> , 2021, 2, 387-409.	2.0	19
16	Multivalent helix mimetics for PPI-inhibition. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 258-264.	1.5	15
17	Interfacing native and non-native peptides: using Affimers to recognise α -helix mimicking foldamers. <i>Chemical Communications</i> , 2017, 53, 2834-2837.	2.2	15
18	Effects of a PEG additive on the biomolecular interactions of self-assembled dendron nanostructures. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8403.	1.5	12

#	ARTICLE	IF	CITATIONS
19	Structure-Activity Relationship Studies of a Novel Class of Transmission Blocking Antimalarials Targeting Male Gametes. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2240-2262.	2.9	11
20	Design, Synthesis, and Conformational Analysis of Oligobenzanilides as Multifacial α -Helix Mimetics. <i>Organic Letters</i> , 2019, 21, 4433-4438.	2.4	9
21	Probing dendron structure and nanoscale self-assembly using computer-aided analysis of EPR spectra. <i>New Journal of Chemistry</i> , 2012, 36, 469-476.	1.4	8
22	Probing Protein Surfaces: QSAR Analysis with Helix Mimetics. <i>ChemBioChem</i> , 2016, 17, 768-773.	1.3	5
23	Characterization of the Key Determinants of Phd Antitoxin Mediated Doc Toxin Inactivation in <i>Salmonella</i> . <i>ACS Chemical Biology</i> , 0, , .	1.6	1
24	Macromol. Biosci. 12/2011. <i>Macromolecular Bioscience</i> , 2011, 11, 1735-1735.	2.1	0