

Florent Samain

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

950
citations

18
h-index

30
g-index

30
ext. papers

1,074
ext. citations

6.6
avg, IF

4.32
L-index

#	Paper	IF	Citations
29	Helical arrangement of interstrand stacked pyrenes in a DNA framework. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4464-7	16.4	141
28	Optimized Reaction Conditions for Amide Bond Formation in DNA-Encoded Combinatorial Libraries. <i>ACS Combinatorial Science</i> , 2016 , 18, 438-43	3.9	75
27	Identification of structure-activity relationships from screening a structurally compact DNA-encoded chemical library. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3927-31	16.4	73
26	Tankyrase 1 Inhibitors with Drug-like Properties Identified by Screening a DNA-Encoded Chemical Library. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 5143-9	8.3	54
25	DNA-assisted self-assembly of pyrene foldamers. <i>Chemistry - A European Journal</i> , 2009 , 15, 5701-8	4.8	54
24	Polyfluorophores on a DNA backbone: sensors of small molecules in the vapor phase. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7025-9	16.4	54
23	Helical Arrangement of Interstrand Stacked Pyrenes in a DNA Framework. <i>Angewandte Chemie</i> , 2007 , 119, 4548-4551	3.6	51
22	Systematic evaluation and optimization of modification reactions of oligonucleotides with amines and carboxylic acids for the synthesis of DNA-encoded chemical libraries. <i>Bioconjugate Chemistry</i> , 2014 , 25, 1453-61	6.3	50
21	Fluorescent DNAs printed on paper: sensing food spoilage and ripening in the vapor phase. <i>Chemical Science</i> , 2012 , 3, 2542	9.4	42
20	Metabolic labeling of DNA by purine analogues in vivo. <i>ChemBioChem</i> , 2012 , 13, 1750-3	3.8	40
19	Spectroscopic properties of pyrene-containing DNA mimics. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 27-33	3.4	33
18	DNA polyfluorophores as highly diverse chemosensors of toxic gases. <i>Chemical Science</i> , 2011 , 2, 1910	9.4	28
17	Quantitative Assessment of Affinity Selection Performance by Using DNA-Encoded Chemical Libraries. <i>ChemBioChem</i> , 2019 , 20, 955-962	3.8	28
16	Differentiating a diverse range of volatile organic compounds with polyfluorophore sensors built on a DNA scaffold. <i>Chemistry - A European Journal</i> , 2011 , 17, 174-83	4.8	25
15	DNA-Encoded Chemical Libraries: A Comprehensive Review with Successful Stories and Future Challenges. <i>ACS Pharmacology and Translational Science</i> , 2021 , 4, 1265-1279	5.9	25
14	"Cap-and-Catch" Purification for Enhancing the Quality of Libraries of DNA Conjugates. <i>ACS Combinatorial Science</i> , 2015 , 17, 393-8	3.9	22
13	DNA-Compatible Diazo-Transfer Reaction in Aqueous Media Suitable for DNA-Encoded Chemical Library Synthesis. <i>Organic Letters</i> , 2019 , 21, 9555-9558	6.2	22

12	Fluorescent DNA chemosensors: identification of bacterial species by their volatile metabolites. <i>Chemical Communications</i> , 2011 , 47, 11435-7	5.8	20
11	Photophysical characterization of oligopyrene modules for DNA-based nanosystems. <i>Photochemical and Photobiological Sciences</i> , 2009 , 8, 1448-54	4.2	18
10	Critical Evaluation of Photo-cross-linking Parameters for the Implementation of Efficient DNA-Encoded Chemical Library Selections. <i>ACS Combinatorial Science</i> , 2020 , 22, 204-212	3.9	17
9	Identification of Structure-Activity Relationships from Screening a Structurally Compact DNA-Encoded Chemical Library. <i>Angewandte Chemie</i> , 2015 , 127, 3999-4003	3.6	12
8	Supramolecular polymerization of oligopyrenotides--control by single, natural nucleotides. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 4891-8	3.9	12
7	Binding of Europium(III) to a non-nucleosidic phenanthroline linker in DNA. <i>Bioconjugate Chemistry</i> , 2010 , 21, 476-82	6.3	12
6	An ultra-high-affinity small organic ligand of fibroblast activation protein for tumor-targeting applications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	11
5	Affinity Selections of DNA-Encoded Chemical Libraries on Carbonic Anhydrase IX-Expressing Tumor Cells Reveal a Dependence on Ligand Valence. <i>Chemistry - A European Journal</i> , 2021 , 27, 8985-8993	4.8	11
4	Polyfluorophores on a DNA Backbone: Sensors of Small Molecules in the Vapor Phase. <i>Angewandte Chemie</i> , 2010 , 122, 7179-7183	3.6	10
3	On-DNA hit validation methodologies for ligands identified from DNA-encoded chemical libraries. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 533, 235-240	3.4	6
2	Small targeted cytotoxics from DNA-encoded chemical libraries. <i>Current Opinion in Chemical Biology</i> , 2015 , 26, 72-9	9.7	4
1	Identification and Validation of New Interleukin-2 Ligands Using DNA-Encoded Libraries. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 17496-17510	8.3	0