

Loic Stefan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1685432/publications.pdf>

Version: 2024-02-01

29
papers

1,158
citations

586496

16
h-index

591227

27
g-index

30
all docs

30
docs citations

30
times ranked

1743
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-Inspired Casein-Derived Antioxidant Peptides Exhibiting a Dual Direct/Indirect Mode of Action. <i>Inorganic Chemistry</i> , 2022, 61, 1941-1948.	1.9	2
2	Emerging low-molecular weight nucleopeptide-based hydrogels: state of the art, applications, challenges and perspectives. <i>Nanoscale</i> , 2022, 14, 4908-4921.	2.8	19
3	Co-assembly and multicomponent hydrogel formation upon mixing nucleobase-containing peptides. <i>Nanoscale</i> , 2021, 13, 10566-10578.	2.8	14
4	Rheological investigation of supramolecular physical gels in water/dimethylsulfoxide mixtures by lysine derivatives. <i>Polymer International</i> , 2021, 70, 256-268.	1.6	3
5	Metabolomics approach based on LC-HRMS for the fast screening of iron(II)-chelating peptides in protein hydrolysates. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 315-329.	1.9	5
6	Electrically Switchable Nanolever Technology for the Screening of Metal-Chelating Peptides in Hydrolysates. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8819-8827.	2.4	4
7	Rheological investigation of the influence of dextran on the self-assembly of lysine derivatives in water/dimethylsulfoxide mixtures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 625, 126908.	2.3	2
8	Improving and fine-tuning the properties of peptide-based hydrogels <i>via</i> incorporation of peptide nucleic acids. <i>Nanoscale</i> , 2020, 12, 19905-19917.	2.8	23
9	Both metal-chelating and free radical-scavenging synthetic pentapeptides as efficient inhibitors of reactive oxygen species generation. <i>Metallomics</i> , 2020, 12, 1220-1229.	1.0	11
10	Cyclohexamer [-(<i>d</i> -Phe-azaPhe-Ala) ₂ -]: good candidate to formulate supramolecular organogels. <i>RSC Advances</i> , 2020, 10, 43859-43869.	1.7	9
11	Applications of guanine quartets in nanotechnology and chemical biology. <i>Nature Reviews Chemistry</i> , 2019, 3, 650-668.	13.8	91
12	Amino Acids Modification to Improve and Fine-Tune Peptide- Based Hydrogels. , 2017, , .		6
13	Native and Synthetic G-quartet-based DNAzyme Systems – Artificial Enzymes for Biotechnological Applications. , 2016, , .		1
14	Supramolecular amplification of amyloid self-assembly by iodination. <i>Nature Communications</i> , 2015, 6, 7574.	5.8	88
15	Synthetic G-Quartets as Versatile Nanotools for the Luminescent Detection of G-Quadruplexes. <i>Chimia</i> , 2015, 69, 530.	0.3	4
16	Surface-immobilized DNAzyme-type biocatalysis. <i>Nanoscale</i> , 2014, 6, 2693.	2.8	11
17	Porphyrin-Based Design of Bioinspired Multitarget Quadruplex Ligands. <i>ChemMedChem</i> , 2014, 9, 2035-2039.	1.6	19
18	Caffeine-Based Gold(I) <i>N</i> -Heterocyclic Carbenes as Possible Anticancer Agents: Synthesis and Biological Properties. <i>Inorganic Chemistry</i> , 2014, 53, 2296-2303.	1.9	196

#	ARTICLE	IF	CITATIONS
19	A Twice-As-Smart Synthetic G-Quartet: PyroTASQ Is Both a Smart Quadruplex Ligand and a Smart Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2014, 136, 12406-12414.	6.6	98
20	A Model of Smart G-Quadruplex Ligand. <i>Journal of the American Chemical Society</i> , 2013, 135, 550-553.	6.6	86
21	Closer to nature: an ATP-driven bioinspired catalytic oxidation process. <i>Chemical Communications</i> , 2013, 49, 1500.	2.2	12
22	Multitasking Water-Soluble Synthetic G-Quartets: From Preferential RNA-Quadruplex Interaction to Biocatalytic Activity. <i>Chemistry - A European Journal</i> , 2013, 19, 12739-12747.	1.7	29
23	Insights into how nucleotide supplements enhance the peroxidase-mimicking DNAzyme activity of the G-quadruplex/hemin system. <i>Nucleic Acids Research</i> , 2012, 40, 8759-8772.	6.5	140
24	Porphyrin-templated synthetic G-quartet (PorphySQ): a second prototype of G-quartet-based G-quadruplex ligand. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5212.	1.5	28
25	Assessing the Differential Affinity of Small Molecules for Noncanonical DNA Structures. <i>ChemBioChem</i> , 2012, 13, 1905-1912.	1.3	42
26	Identifying three-way DNA junction-specific small-molecules. <i>Biochimie</i> , 2012, 94, 442-450.	1.3	20
27	DOTASQ as a prototype of nature-inspired G-quadruplex ligand. <i>Chemical Communications</i> , 2011, 47, 4992.	2.2	56
28	Deciphering the DNAzyme Activity of Multimeric Quadruplexes: Insights into Their Actual Role in the Telomerase Activity Evaluation Assay. <i>Journal of the American Chemical Society</i> , 2011, 133, 20405-20415.	6.6	102
29	Harnessing Nature's Insights: Synthetic Small Molecules with Peroxidase-Mimicking DNAzyme Properties. <i>Chemistry - A European Journal</i> , 2011, 17, 10857-10862.	1.7	37