

Elena Pazos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2106249/publications.pdf>

Version: 2024-02-01

26
papers

1,165
citations

516710

16
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

2063
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide-based fluorescent biosensors. <i>Chemical Society Reviews</i> , 2009, 38, 3348.	38.1	159
2	Cucurbit[8]uril (CB[8])-Based Supramolecular Switches. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 403-416.	13.8	129
3	Nucleation and Growth of Ordered Arrays of Silver Nanoparticles on Peptide Nanofibers: Hybrid Nanostructures with Antimicrobial Properties. <i>Journal of the American Chemical Society</i> , 2016, 138, 5507-5510.	13.7	128
4	Highly Sensitive SERS Quantification of the Oncogenic Protein c-Jun in Cellular Extracts. <i>Journal of the American Chemical Society</i> , 2013, 135, 10314-10317.	13.7	106
5	DNA Recognition by Synthetic Constructs. <i>ChemBioChem</i> , 2011, 12, 1958-1973.	2.6	80
6	Controlled binding of organic guests by stimuli-responsive macrocycles. <i>Chemical Society Reviews</i> , 2020, 49, 3834-3862.	38.1	73
7	Surface-Enhanced Raman Scattering Surface Selection Rules for the Proteomic Liquid Biopsy in Real Samples: Efficient Detection of the Oncoprotein c-MYC. <i>Journal of the American Chemical Society</i> , 2016, 138, 14206-14209.	13.7	72
8	Ultrasensitive multiplex optical quantification of bacteria in large samples of biofluids. <i>Scientific Reports</i> , 2016, 6, 29014.	3.3	59
9	Cyclin A Probes by Means of Intermolecular Sensitization of Terbium-Chelating Peptides. <i>Journal of the American Chemical Society</i> , 2008, 130, 9652-9653.	13.7	55
10	Online SERS Quantification of <i>Staphylococcus aureus</i> and the Application to Diagnostics in Human Fluids. <i>Advanced Materials Technologies</i> , 2016, 1, 1600163.	5.8	45
11	Self-assembled peptide-inorganic nanoparticle superstructures: from component design to applications. <i>Chemical Communications</i> , 2020, 56, 8000-8014.	4.1	43
12	Advances in lanthanide-based luminescent peptide probes for monitoring the activity of kinase and phosphatase. <i>Biotechnology Journal</i> , 2014, 9, 241-252.	3.5	34
13	Temporary Electrostatic Impairment of DNA Recognition: Light-Driven DNA Binding of Peptide Dimers. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8825-8829.	13.8	31
14	Supramolekulare Schalter auf der Basis von Cucurbit[8]uril (CB[8]). <i>Angewandte Chemie</i> , 2019, 131, 409-422.	2.0	31
15	A Folding-Based Approach for the Luminescent Detection of a Short RNA Hairpin. <i>Journal of the American Chemical Society</i> , 2013, 135, 3812-3814.	13.7	22
16	Detection of phosphorylation states by intermolecular sensitization of lanthanide-peptide conjugates. <i>Chemical Communications</i> , 2012, 48, 9534.	4.1	21
17	Rational design of a cyclin A fluorescent peptide sensor. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7629.	2.8	14
18	Peptide-DNA conjugates as tailored bivalent binders of the oncoprotein c-Jun. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5385-5390.	2.8	14

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19	Sensing coiled-coil proteins through conformational modulation of energy transfer processes â€“ selective detection of the oncogenic transcription factor c-Jun. Chemical Science, 2011, 2, 1984.	7.4	13
20	A Bio-inspired Hypoxia Sensor using HIF1a-Oxygen-Dependent Degradation Domain. Scientific Reports, 2019, 9, 7117.	3.3	12
21	Reversible Control of DNA Binding with Cucurbit[8]uril-Induced Supramolecular 4,4â€²-Bipyridiniumâ€“Peptide Dimers. Bioconjugate Chemistry, 2021, 32, 507-511.	3.6	7
22	Solid-Phase Zincke Reaction for the Synthesis of Peptide-4,4â€²-bipyridinium Conjugates. Synthesis, 2020, 52, 537-543.	2.3	4
23	â€œThe red cageâ€ implementation of pH-responsiveness within a macrobicyclic pyridinium-based molecular host. Organic Chemistry Frontiers, 2021, 9, 81-87.	4.5	2
24	Amino Acidâ€“Viologen Hybrids: Synthesis, Cucurbituril Hostâ€“Guest Chemistry, and Implementation on the Production of Peptides. Journal of Organic Chemistry, 2022, 87, 760-764.	3.2	2
25	Identification of Cyclin A Binders with a Fluorescent Peptide Sensor. Methods in Molecular Biology, 2016, 1336, 67-83.	0.9	0
26	The 54th Conference on Stereochemistry: BÃ¼rgenstock Conference 2019, Brunnen, May 5â€“9, 2019. Chimia, 2019, 73, 511.	0.6	0