

# 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

516561

16  
h-index

580701

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.	18.7	159
2	Cucurbit[8]uril (CB[8])-Based Supramolecular Switches. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 403-416.	7.2	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.	6.6	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.	6.6	106
5	DNA Recognition by Synthetic Constructs. <i>ChemBioChem</i> , 2011, 12, 1958-1973.	1.3	80
6	Controlled binding of organic guests by stimuli-responsive macrocycles. <i>Chemical Society Reviews</i> , 2020, 49, 3834-3862.	18.7	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.	6.6	72
8	Ultrasensitive multiplex optical quantification of bacteria in large samples of biofluids. <i>Scientific Reports</i> , 2016, 6, 29014.	1.6	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.	6.6	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.	3.0	45
11	Self-assembled peptide-inorganic nanoparticle superstructures: from component design to applications. <i>Chemical Communications</i> , 2020, 56, 8000-8014.	2.2	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.	1.8	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.	7.2	31
14	Supramolekulare Schalter auf der Basis von Cucurbit[8]uril (CB[8]). <i>Angewandte Chemie</i> , 2019, 131, 409-422.	1.6	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.	6.6	22
16	Detection of phosphorylation states by intermolecular sensitization of lanthanide-peptide conjugates. <i>Chemical Communications</i> , 2012, 48, 9534.	2.2	21
17	Rational design of a cyclin A fluorescent peptide sensor. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7629.	1.5	14
18	Peptide-DNA conjugates as tailored bivalent binders of the oncoprotein c-Jun. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5385-5390.	1.5	14

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19	Sensing coiled-coil proteins through conformational modulation of energy transfer processes – selective detection of the oncogenic transcription factor c-Jun. <i>Chemical Science</i> , 2011, 2, 1984.	3.7	13
20	A Bio-inspired Hypoxia Sensor using HIF1a-Oxygen-Dependent Degradation Domain. <i>Scientific Reports</i> , 2019, 9, 7117.	1.6	12
21	Reversible Control of DNA Binding with Cucurbit[8]uril-Induced Supramolecular 4,4'-Bipyridinium–Peptide Dimers. <i>Bioconjugate Chemistry</i> , 2021, 32, 507-511.	1.8	7
22	Solid-Phase Zincke Reaction for the Synthesis of Peptide-4,4'-bipyridinium Conjugates. <i>Synthesis</i> , 2020, 52, 537-543.	1.2	4
23	–The red cage– implementation of pH-responsiveness within a macrobicyclic pyridinium-based molecular host. <i>Organic Chemistry Frontiers</i> , 2021, 9, 81-87.	2.3	2
24	Amino Acid–Viologen Hybrids: Synthesis, Cucurbituril Host–Guest Chemistry, and Implementation on the Production of Peptides. <i>Journal of Organic Chemistry</i> , 2022, 87, 760-764.	1.7	2
25	Identification of Cyclin A Binders with a Fluorescent Peptide Sensor. <i>Methods in Molecular Biology</i> , 2016, 1336, 67-83.	0.4	0
26	The 54th Conference on Stereochemistry: B–Argenstock Conference 2019, Brunnen, May 5–9, 2019. <i>Chimia</i> , 2019, 73, 511.	0.3	0