

Stefania De Luca

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5783209/publications.pdf>

Version: 2024-02-01

54
papers

900
citations

471371

17
h-index

526166

27
g-index

54
all docs

54
docs citations

54
times ranked

1278
citing authors

#	ARTICLE	IF	CITATIONS
1	Preclinical Development of a Novel Class of CXCR4 Antagonist Impairing Solid Tumors Growth and Metastases. <i>PLoS ONE</i> , 2013, 8, e74548.	1.1	76
2	Zeolites as Acid/Basic Solid Catalysts: Recent Synthetic Developments. <i>Catalysts</i> , 2019, 9, 248.	1.6	67
3	Imaging of β 2 Expression by a Bifunctional Chimeric RGD Peptide not Cross-Reacting with β 5. <i>Clinical Cancer Research</i> , 2009, 15, 5224-5233.	3.2	46
4	Chemical modification of pectin: environmental friendly process for new potential material development. <i>Polymer Chemistry</i> , 2011, 2, 800.	1.9	43
5	Solvent-Free Synthesis of Modified Pectin Compounds Promoted by Microwave Irradiation. <i>Molecules</i> , 2012, 17, 12234-12242.	1.7	40
6	Pectin functionalized with natural fatty acids as antimicrobial agent. <i>International Journal of Biological Macromolecules</i> , 2014, 68, 28-32.	3.6	37
7	Physical and Water Sorption Properties of Chemically Modified Pectin with an Environmentally Friendly Process. <i>Biomacromolecules</i> , 2011, 12, 2311-2318.	2.6	36
8	Structural Features of Distictin Affecting Peptide Biological and Biochemical Properties. <i>Biochemistry</i> , 2008, 47, 7888-7899.	1.2	29
9	Probing membrane topology of the antimicrobial peptide distinctin by solid-state NMR spectroscopy in zwitterionic and charged lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 34-40.	1.4	28
10	The Cysteine S-Alkylation Reaction as a Synthetic Method to Covalently Modify Peptide Sequences. <i>Chemistry - A European Journal</i> , 2017, 23, 224-233.	1.7	25
11	Air oxidation method employed for the disulfide bond formation of natural and synthetic peptides. <i>Amino Acids</i> , 2015, 47, 1507-1515.	1.2	24
12	Chemical Modifications of Peptide Sequences via S-Alkylation Reaction. <i>Organic Letters</i> , 2013, 15, 5354-5357.	2.4	23
13	Evaluation of HER2-specific peptide ligand for its employment as radiolabeled imaging probe. <i>Scientific Reports</i> , 2018, 8, 2998.	1.6	22
14	A SPR strategy for high-throughput ligand screenings based on synthetic peptides mimicking a selected subdomain of the target protein: A proof of concept on HER2 receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7015-7020.	1.4	20
15	Solid-Phase S-Alkylation Promoted by Molecular Sieves. <i>Organic Letters</i> , 2015, 17, 5646-5649.	2.4	20
16	Postsynthetic Modification of Peptides via Chemoselective N-Alkylation of Their Side Chains. <i>Organic Letters</i> , 2012, 14, 1664-1667.	2.4	19
17	Synthetic strategy for side chain mono-N-alkylation of Fmoc-amino acids promoted by molecular sieves. <i>Amino Acids</i> , 2011, 41, 981-990.	1.2	18
18	Fluorescence study for selecting specific ligands toward HER2 receptor: An example of receptor fragment approach. <i>European Journal of Medicinal Chemistry</i> , 2013, 61, 116-121.	2.6	18

#	ARTICLE	IF	CITATIONS
19	Chemoselective Glycosylation of Peptides through S-Alkylation Reaction. <i>Chemistry - A European Journal</i> , 2018, 24, 6231-6238.	1.7	18
20	Lipidated peptides via post-synthetic thioalkylation promoted by molecular sieves. <i>Amino Acids</i> , 2014, 46, 1899-1905.	1.2	16
21	Solid-phase synthesis of a focused library of trypanothione reductase inhibitors. <i>Tetrahedron Letters</i> , 2003, 44, 3195-3197.	0.7	15
22	New synthetic strategy for o-NBS protected amino acids and their use in synthesis of mono-benzylated peptides. <i>Tetrahedron Letters</i> , 2005, 46, 6637-6640.	0.7	15
23	Curcumin-Loaded Nanoparticles Based on Amphiphilic Hyaluronan-Conjugate Explored as Targeting Delivery System for Neurodegenerative Disorders. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8846.	1.8	15
24	A Cyclic CCK8 Analogue Selective for the Cholecystokinin Type A Receptor: Design, Synthesis, NMR Structure and Binding Measurements. <i>ChemBioChem</i> , 2003, 4, 1176-1187.	1.3	14
25	Efficacy of the amphibian peptide distinctin in a neutropenic mouse model of staphylococcal sepsis. <i>Critical Care Medicine</i> , 2008, 36, 2629-2633.	0.4	14
26	Eco-friendly microwave-assisted protocol to prepare hyaluronan-fatty acid conjugates and to induce their self-assembly process. <i>Carbohydrate Polymers</i> , 2016, 143, 84-89.	5.1	14
27	A Late-Stage Synthetic Approach to Lanthionine-Containing Peptides via S-Alkylation on Cyclic Sulfamidates Promoted by Molecular Sieves. <i>Organic Letters</i> , 2018, 20, 7478-7482.	2.4	13
28	Fluorescence studies on the binding between 1-47 fragment of cholecystokinin receptor CCKA-R(1-47) and nonsulfated cholecystokinin octapeptide CCK8. <i>Biopolymers</i> , 2000, 56, 47-53.	1.2	12
29	Synthesis and solution characterization of a porphyrin-CCK8 conjugate. <i>Journal of Peptide Science</i> , 2001, 7, 386-394.	0.8	12
30	CCK8 peptide derivatized with diphenylphosphine for rhenium labelling: synthesis and molecular mechanics calculations. <i>Journal of Peptide Science</i> , 2002, 8, 373-381.	0.8	12
31	Synthesis and characterization of a sulfated and a non-sulfated cyclic CCK8 analogue functionalized with a chelating group for metal labelling. <i>Journal of Peptide Science</i> , 2004, 10, 265-273.	0.8	12
32	Cysteine co-oxidation process driven by native peptide folding: an example on HER2 receptor model system. <i>Amino Acids</i> , 2014, 46, 1197-1206.	1.2	12
33	Anthranilic Acid Based CCK1 Receptor Antagonists and CCK-8 Have a Common Step in Their Receptor Desmodynamic Processes. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2456-2462.	2.9	11
34	Conformationally Constrained CCK8 Analogues Obtained from a Rationally Designed Peptide Library as Ligands for Cholecystokinin Type B Receptor. <i>ChemMedChem</i> , 2006, 1, 997-1006.	1.6	10
35	A biocompatible process to prepare hyaluronan-based material able to self-assemble into stable nano-particles. <i>RSC Advances</i> , 2015, 5, 29573-29576.	1.7	10
36	HER2-Mediated Anticancer Drug Delivery: Strategies to Prepare Targeting Ligands Highly Specific for the Receptor. <i>Current Medicinal Chemistry</i> , 2015, 22, 2525-2538.	1.2	10

#	ARTICLE	IF	CITATIONS
37	Pectin functionalised by fatty acids: Diffuse reflectance infrared Fourier transform (DRIFT) spectroscopic characterisation. <i>Journal of Molecular Structure</i> , 2015, 1079, 74-77.	1.8	9
38	Lanthionine Peptides by S-Alkylation with Substituted Cyclic Sulfamidates Promoted by Activated Molecular Sieves: Effects of the Sulfamidate Structure on the Yield. <i>Journal of Organic Chemistry</i> , 2019, 84, 14957-14964.	1.7	9
39	Structural identification of an HER2 receptor model binding pocket to optimize lead compounds: a combined experimental and computational approach. <i>Molecular BioSystems</i> , 2016, 12, 2159-2167.	2.9	8
40	Microwave heating in peptide side chain modification via cysteine alkylation. <i>Amino Acids</i> , 2016, 48, 2267-2271.	1.2	8
41	Peptide Ligands Specifically Targeting HER2 Receptor and the Role Played by a Synthetic Model System of the Receptor Extracellular Domain: Hypothesized Future Perspectives. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 15333-15343.	2.9	7
42	Thio-conjugation of substituted benzofurazans to peptides: molecular sieves catalyze nucleophilic attack on unsaturated fused rings. <i>Catalysis Science and Technology</i> , 2021, 11, 1067-1076.	2.1	7
43	Synthesis and biological evaluation of cyclic and branched peptide analogues as ligands for cholecystokinin type 1 receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5845-5853.	1.4	6
44	Receptor fragment approach to the binding between CCK8 peptide and cholecystokinin receptors: A fluorescence study on type B receptor fragment CCKB-R (352-379). <i>Biopolymers</i> , 2005, 77, 205-211.	1.2	5
45	SPR and NMR characterization of the molecular interaction between A9 peptide and a model system of HER2 receptor: A fragment approach for selecting peptide structures specific for their target. <i>Journal of Peptide Science</i> , 2020, 26, e3231.	0.8	4
46	Synthesis and biological activity of pseudopeptides inhibitors of Ras farnesyl transferase containing unconventional amino acids. <i>Il Farmaco</i> , 1999, 54, 785-790.	0.9	3
47	Synthetic Strategy to Prepare DOTA-Based Bifunctional Chelating Agent Ready to Bind Biomolecular Probes. <i>International Journal of Peptide Research and Therapeutics</i> , 2013, 19, 199-202.	0.9	3
48	The role of segment 32-47 of cholecystokinin receptor type A in CCK8 binding: synthesis, nuclear magnetic resonance, circular dichroism and fluorescence studies. <i>Journal of Peptide Science</i> , 2003, 9, 156-169.	0.8	2
49	Synthesis and Characterization of a Selective Alpha(v)Beta(3) Receptor Cyclic Peptide Antagonist Functionalized with a Chelating Group for Metal Labelling. <i>International Journal of Peptide Research and Therapeutics</i> , 2010, 16, 1-5.	0.9	1
50	Zeolites employed as basic catalyst for nucleophilic substitution reactions: An analysis of the adopted approach and hypothesized new perspectives. <i>Inorganica Chimica Acta</i> , 2021, 528, 120630.	1.2	1
51	Microwave Heating Promotes the S-Alkylation of Aziridine Catalyzed by Molecular Sieves: A Post-Synthetic Approach to Lanthionine-Containing Peptides. <i>Molecules</i> , 2021, 26, 6135.	1.7	1
52	Development of Targeting Ligands for HER2 Receptor: Simplified Receptor Model Employed for Selecting Highly Specific Molecules. <i>International Journal of Peptide Research and Therapeutics</i> , 2016, 22, 237-242.	0.9	0
53	A new and selective radiolabeled ^{125}I peptide antagonist as tracer in tumor diagnosis. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 439-440.	0.8	0
54	Fluorescence Studies: A9 Peptide, Functionalized with a Fluorogenic Probe, Interacts with Its Receptor Model HER2-DIVMP. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 807-811.	1.3	0