Stefania De Luca

List of Publications by Year
in descending order

54	900	471371 17	526166 27
papers	citations	h-index	g-index

54	54	54	1278
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fluorescence Studies: A9 Peptide, Functionalized with a Fluorogenic Probe, Interacts with Its Receptor Model HER2-DIVMP. ACS Medicinal Chemistry Letters, 2022, 13, 807-811.	1.3	0
2	Thio-conjugation of substituted benzofurazans to peptides: molecular sieves catalyze nucleophilic attack on unsaturated fused rings. Catalysis Science and Technology, 2021, 11, 1067-1076.	2.1	7
3	Zeolites employed as basic catalyst for nucleophilic substitution reactions: An analysis of the adopted approach and hypothesized new perspectives. Inorganica Chimica Acta, 2021, 528, 120630.	1.2	1
4	Microwave Heating Promotes the S-Alkylation of Aziridine Catalyzed by Molecular Sieves: A Post-Synthetic Approach to Lanthionine-Containing Peptides. Molecules, 2021, 26, 6135.	1.7	1
5	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. Journal of Peptide Science, 2020, 26, e3231.	0.8	4
6	Peptide Ligands Specifically Targeting HER2 Receptor and the Role Played by a Synthetic Model System of the Receptor Extracellular Domain: Hypothesized Future Perspectives. Journal of Medicinal Chemistry, 2020, 63, 15333-15343.	2.9	7
7	Curcumin-Loaded Nanoparticles Based on Amphiphilic Hyaluronan-Conjugate Explored as Targeting Delivery System for Neurodegenerative Disorders. International Journal of Molecular Sciences, 2020, 21, 8846.	1.8	15
8	Lanthionine Peptides by S-Alkylation with Substituted Cyclic Sulfamidates Promoted by Activated Molecular Sieves: Effects of the Sulfamidate Structure on the Yield. Journal of Organic Chemistry, 2019, 84, 14957-14964.	1.7	9
9	Zeolites as Acid/Basic Solid Catalysts: Recent Synthetic Developments. Catalysts, 2019, 9, 248.	1.6	67
10	Chemoselective Glycosylation of Peptides through Sâ€Alkylation Reaction. Chemistry - A European Journal, 2018, 24, 6231-6238.	1.7	18
11	Evaluation of HER2-specific peptide ligand for its employment as radiolabeled imaging probe. Scientific Reports, 2018, 8, 2998.	1.6	22
12	A Late-Stage Synthetic Approach to Lanthionine-Containing Peptides via S-Alkylation on Cyclic Sulfamidates Promoted by Molecular Sieves. Organic Letters, 2018, 20, 7478-7482.	2.4	13
13	The Cysteine Sâ€Alkylation Reaction as a Synthetic Method to Covalently Modify Peptide Sequences. Chemistry - A European Journal, 2017, 23, 224-233.	1.7	25
14	Structural identification of an HER2 receptor model binding pocket to optimize lead compounds: a combined experimental and computational approach. Molecular BioSystems, 2016, 12, 2159-2167.	2.9	8
15	Development of Targeting Ligands for HER2 Receptor: Simplified Receptor Model Employed for Selecting Highly Specific Molecules. International Journal of Peptide Research and Therapeutics, 2016, 22, 237-242.	0.9	0
16	Microwave heating in peptide side chain modification via cysteine alkylation. Amino Acids, 2016, 48, 2267-2271.	1.2	8
17	Eco-friendly microwave-assisted protocol to prepare hyaluronan-fatty acid conjugates and to induce their self-assembly process. Carbohydrate Polymers, 2016, 143, 84-89.	5.1	14
18	Air oxidation method employed for the disulfide bond formation of natural and synthetic peptides. Amino Acids, 2015, 47, 1507-1515.	1.2	24

#	Article	IF	Citations
19	A biocompatible process to prepare hyaluronan-based material able to self-assemble into stable nano-particles. RSC Advances, 2015, 5, 29573-29576.	1.7	10
20	Solid-Phase S-Alkylation Promoted by Molecular Sieves. Organic Letters, 2015, 17, 5646-5649.	2.4	20
21	Pectin functionalised by fatty acids: Diffuse reflectance infrared Fourier transform (DRIFT) spectroscopic characterisation. Journal of Molecular Structure, 2015, 1079, 74-77.	1.8	9
22	HER2-Mediated Anticancer Drug Delivery: Strategies to Prepare Targeting Ligands Highly Specific for the Receptor. Current Medicinal Chemistry, 2015, 22, 2525-2538.	1.2	10
23	Cysteine co-oxidation process driven by native peptide folding: an example on HER2 receptor model system. Amino Acids, 2014, 46, 1197-1206.	1.2	12
24	Pectin functionalized with natural fatty acids as antimicrobial agent. International Journal of Biological Macromolecules, 2014, 68, 28-32.	3.6	37
25	Lipidated peptides via post-synthetic thioalkylation promoted by molecular sieves. Amino Acids, 2014, 46, 1899-1905.	1.2	16
26	Synthetic Strategy to Prepare DOTA-Based Bifunctional Chelating Agent Ready to Bind Biomolecular Probes. International Journal of Peptide Research and Therapeutics, 2013, 19, 199-202.	0.9	3
27	Chemical Modifications of Peptide Sequences via S-Alkylation Reaction. Organic Letters, 2013, 15, 5354-5357.	2.4	23
28	Fluorescence study for selecting specific ligands toward HER2 receptor: An example of receptor fragment approach. European Journal of Medicinal Chemistry, 2013, 61, 116-121.	2.6	18
29	Preclinical Development of a Novel Class of CXCR4 Antagonist Impairing Solid Tumors Growth and Metastases. PLoS ONE, 2013, 8, e74548.	1.1	76
30	Postsynthetic Modification of Peptides via Chemoselective N-Alkylation of Their Side Chains. Organic Letters, 2012, 14, 1664-1667.	2.4	19
31	Solvent-Free Synthesis of Modified Pectin Compounds Promoted by Microwave Irradiation. Molecules, 2012, 17, 12234-12242.	1.7	40
32	Physical and Water Sorption Properties of Chemically Modified Pectin with an Environmentally Friendly Process. Biomacromolecules, 2011, 12, 2311-2318.	2.6	36
33	Chemical modification of pectin: environmental friendly process for new potential material development. Polymer Chemistry, 2011, 2, 800.	1.9	43
34	Probing membrane topology of the antimicrobial peptide distinctin by solid-state NMR spectroscopy in zwitterionic and charged lipid bilayers. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 34-40.	1.4	28
35	Synthetic strategy for side chain mono-N-alkylation of Fmoc-amino acids promoted by molecular sieves. Amino Acids, 2011, 41, 981-990.	1.2	18
36	Synthesis and Characterization of a Selective Alpha(v)Beta(3) Receptor Cyclic Peptide Antagonist Functionalized with a Chelating Group for Metal Labelling. International Journal of Peptide Research and Therapeutics, 2010, 16, 1-5.	0.9	1

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37	Imaging of Î±vÎ²3 Expression by a Bifunctional Chimeric RGD Peptide not Cross-Reacting with Î±vÎ²5. Clinical Cancer Research, 2009, 15, 5224-5233.	3.2	46
38	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. Bioorganic and Medicinal Chemistry, 2009, 17, 7015-7020.	1.4	20
39	A new and selective radiolabeled Î±VÎ²3 peptide antagonist as tracer in tumor diagnosis. Advances in Experimental Medicine and Biology, 2009, 611, 439-440.	0.8	0
40	Structural Features of Distinctin Affecting Peptide Biological and Biochemical Properties. Biochemistry, 2008, 47, 7888-7899.	1.2	29
41	Efficacy of the amphibian peptide distinctin in a neutropenic mouse model of staphylococcal sepsis. Critical Care Medicine, 2008, 36, 2629-2633.	0.4	14
42	Synthesis and biological evaluation of cyclic and branched peptide analogues as ligands for cholecystokinin type 1 receptor. Bioorganic and Medicinal Chemistry, 2007, 15, 5845-5853.	1.4	6
43	Anthranilic Acid Based CCK1Receptor Antagonists and CCK-8 Have a Common Step in Their â€œReceptor Desmodynamic Processesâ€• Journal of Medicinal Chemistry, 2006, 49, 2456-2462.	2.9	11
44	Conformationally Constrained CCK8 Analogues Obtained from a Rationally Designed Peptide Library as Ligands for Cholecystokinin Typeâ€…B Receptor. ChemMedChem, 2006, 1, 997-1006.	1.6	10
45	New synthetic strategy for o-NBS protected amino acids and their use in synthesis of mono-benzylated peptides. Tetrahedron Letters, 2005, 46, 6637-6640.	0.7	15
46	Receptor fragment approach to the binding between CCK8 peptide and cholecystokinin receptors: A fluorescence study on type B receptor fragment CCKB-R (352-379). Biopolymers, 2005, 77, 205-211.	1.2	5
47	Synthesis and characterization of a sulfated and a non-sulfated cyclic CCK8 analogue functionalized with a chelating group for metal labelling. Journal of Peptide Science, 2004, 10, 265-273.	0.8	12
48	A Cyclic CCK8 Analogue Selective for the Cholecystokinin Type A Receptor: Design, Synthesis, NMR Structure and Binding Measurements. ChemBioChem, 2003, 4, 1176-1187.	1.3	14
49	Solid-phase synthesis of a focused library of trypanothione reductase inhibitors. Tetrahedron Letters, 2003, 44, 3195-3197.	0.7	15
50	The role of segment 32-47 of cholecystokinin receptor type A in CCK8 binding: synthesis, nuclear magnetic resonance, circular dichroism and fluorescence studies. Journal of Peptide Science, 2003, 9, 156-169.	0.8	2
51	CCK8 peptide derivatized with diphenylphosphine for rhenium labelling: synthesis and molecular mechanics calculations. Journal of Peptide Science, 2002, 8, 373-381.	0.8	12
52	Synthesis and solution characterization of a porphyrin-CCK8 conjugate. Journal of Peptide Science, 2001, 7, 386-394.	0.8	12
53	Fluorescence studies on the binding between 1-47 fragment of cholecystokinin receptor CCKA-R(1-47) and nonsulfated cholecystokinin octapeptide CCK8. Biopolymers, 2000, 56, 47-53.	1.2	12
54	Synthesis and biological activity of pseudopeptides inhibitors of Ras farnesyl transferase containing unconventional amino acids. Il Farmaco, 1999, 54, 785-790.	0.9	3