

Enrica Calce

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

367
citations

687220

13
h-index

794469

19
g-index

23
all docs

23
docs citations

23
times ranked

525
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent-Free Synthesis of Modified Pectin Compounds Promoted by Microwave Irradiation. <i>Molecules</i> , 2012, 17, 12234-12242.	1.7	40
2	Pectin functionalized with natural fatty acids as antimicrobial agent. <i>International Journal of Biological Macromolecules</i> , 2014, 68, 28-32.	3.6	37
3	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
4	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
5	Chemical Modifications of Peptide Sequences via S-Alkylation Reaction. <i>Organic Letters</i> , 2013, 15, 5354-5357.	2.4	23
6	Evaluation of HER2-specific peptide ligand for its employment as radiolabeled imaging probe. <i>Scientific Reports</i> , 2018, 8, 2998.	1.6	22
7	Solid-Phase S-Alkylation Promoted by Molecular Sieves. <i>Organic Letters</i> , 2015, 17, 5646-5649.	2.4	20
8	Postsynthetic Modification of Peptides via Chemoselective N-Alkylation of Their Side Chains. <i>Organic Letters</i> , 2012, 14, 1664-1667.	2.4	19
9	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
10	Chemoselective Glycosylation of Peptides through S-Alkylation Reaction. <i>Chemistry - A European Journal</i> , 2018, 24, 6231-6238.	1.7	18
11	Lipidated peptides via post-synthetic thioalkylation promoted by molecular sieves. <i>Amino Acids</i> , 2014, 46, 1899-1905.	1.2	16
12	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
13	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
14	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
15	Design and analysis of EphA2-SAM peptide ligands: A multi-disciplinary screening approach. <i>Bioorganic Chemistry</i> , 2019, 84, 434-443.	2.0	11
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Microwave heating in peptide side chain modification via cysteine alkylation. <i>Amino Acids</i> , 2016, 48, 2267-2271.	1.2	8
21	Green microwave-assisted procedure to generate bio-based pectin materials. <i>Sustainable Chemistry and Pharmacy</i> , 2017, 5, 127-130.	1.6	5
22	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
23	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