Marilisa Leone

List of Publications by Year in descending order

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73	2,345	257101	223531
papers	citations	24 h-index	46 g-index

73	73	73	3150
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Discovery, Characterization, and Structureâ"Activity Relationships Studies of Proapoptotic Polyphenols Targeting B-Cell Lymphocyte/Leukemia-2 Proteins. Journal of Medicinal Chemistry, 2003, 46, 4259-4264.	2.9	366
2	Cancer prevention by tea polyphenols is linked to their direct inhibition of antiapoptotic Bcl-2-family proteins. Cancer Research, 2003, 63, 8118-21.	0.4	195
3	Rational Design and Real Time, In-Cell Detection of the Proapoptotic Activity of a Novel Compound Targeting Bcl-XL. Chemistry and Biology, 2004, 11, 389-395.	6.2	150
4	Nucleolar accumulation of APE1 depends on charged lysine residues that undergo acetylation upon genotoxic stress and modulate its BER activity in cells. Molecular Biology of the Cell, 2012, 23, 4079-4096.	0.9	99
5	Targeting Apoptosis via Chemical Design. Chemistry and Biology, 2004, 11, 1107-1117.	6.2	88
6	Structure-activity relationships by interligand NOE-based design and synthesis of antiapoptotic compounds targeting Bid. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12602-12606.	3.3	87
7	Structural Analysis of Siah1-Siah-interacting Protein Interactions and Insights into the Assembly of an E3 Ligase Multiprotein Complex. Journal of Biological Chemistry, 2005, 280, 34278-34287.	1.6	86
8	NMR Studies of a Heterotypic Samâ"Sam Domain Association: The Interaction between the Lipid Phosphatase Ship2 and the EphA2 Receptor[,]. Biochemistry, 2008, 47, 12721-12728.	1.2	55
9	Structural Insights into and Activity Analysis of the Antimicrobial Peptide Myxinidin. Antimicrobial Agents and Chemotherapy, 2014, 58, 5280-5290.	1.4	54
10	Nucleophosmin contains amyloidogenic regions that are able to form toxic aggregates under physiological conditions. FASEB Journal, 2015, 29, 3689-3701.	0.2	53
11	G-quadruplex DNA recognition by nucleophosmin: New insights from protein dissection. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2050-2059.	1.1	51
12	The FRB Domain of mTOR:Â NMR Solution Structure and Inhibitor Designâ€,â€¡. Biochemistry, 2006, 45, 10294-10302.	1.2	47
13	Chemical modification of pectin: environmental friendly process for new potential material development. Polymer Chemistry, 2011, 2, 800.	1.9	43
14	Gold Nanoparticles Capped by a GC-Containing Peptide Functionalized with an RGD Motif for Integrin Targeting. Bioconjugate Chemistry, 2012, 23, 340-349.	1.8	41
15	Destabilisation, aggregation, toxicity and cytosolic mislocalisation of nucleophosmin regions associated with acute myeloid leukemia. Oncotarget, 2016, 7, 59129-59143.	0.8	41
16	Zinc to cadmium replacement in the A. thaliana SUPERMAN Cys₂His₂ zinc finger induces structural rearrangements of typical DNA base determinant positions. Biopolymers, 2011, 95, 801-810.	1.2	38
17	Selective Incorporation of 19F-Labeled Trp Side Chains for NMR-Spectroscopy-Based Ligand-Protein Interaction Studies. ChemBioChem, 2003, 4, 649-650.	1.3	37
18	Structure-Activity Relations of Myxinidin, an Antibacterial Peptide Derived from the Epidermal Mucus of Hagfish. Antimicrobial Agents and Chemotherapy, 2013, 57, 5665-5673.	1.4	37

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19	Solution Structure of the First Sam Domain of Odin and Binding Studies with the EphA2 Receptor. Biochemistry, 2012, 51, 2136-2145.	1.2	34
20	Self-assembly of PEGylated tetra-phenylalanine derivatives: structural insights from solution and solid state studies. Scientific Reports, 2016, 6, 26638.	1.6	32
21	The Sam domain of the lipid phosphatase Ship2 adopts a common model to interact with Arap3-Sam and EphA2-Sam. BMC Structural Biology, 2009, 9, 59.	2.3	31
22	Design and activity of a cyclic mini-β-defensin analog: a novel antimicrobial tool. International Journal of Nanomedicine, 2015, 10, 6523.	3.3	30
23	Acâ€LPFFDâ€Th: A Trehaloseâ€Conjugated Peptidomimetic as a Strong Suppressor of Amyloidâ€Î² Oligomer Formation and Cytotoxicity. ChemBioChem, 2016, 17, 1541-1549.	1.3	28
24	About TFE: Old and New Findings. Current Protein and Peptide Science, 2019, 20, 425-451.	0.7	27
25	Luminescent Silica Nanobeads:Â Characterization and Evaluation as Efficient Cytoplasmatic Transporters for T-Lymphocytes. Journal of the American Chemical Society, 2007, 129, 7814-7823.	6.6	26
26	Chemical Modifications of Peptide Sequences via S-Alkylation Reaction. Organic Letters, 2013, 15, 5354-5357.	2.4	23
27	Monoacylglycerides from the Diatom Skeletonema marinoi Induce Selective Cell Death in Cancer Cells. Marine Drugs, 2019, 17, 625.	2.2	23
28	Solution Structure and Backbone Dynamics of the K18G/R82EAlicyclobacillus acidocaldariusThioredoxin Mutant:Â A Molecular Analysis of Its Reduced Thermal Stabilityâ€,â€¡. Biochemistry, 2004, 43, 6043-6058.	1.2	22
29	Structure-based discovery of a new class of Bcl-xL antagonists. Bioorganic Chemistry, 2007, 35, 344-353.	2.0	21
30	Selfâ€Assembling of Fmocâ€GC Peptide Nucleic Acid Dimers into Highly Fluorescent Aggregates. Chemistry - A European Journal, 2018, 24, 4729-4735.	1.7	21
31	Solid-Phase S-Alkylation Promoted by Molecular Sieves. Organic Letters, 2015, 17, 5646-5649.	2.4	20
32	The Nuclear Overhauser Effect in the Lead Identification Process Pharmacophore Models. Current Drug Discovery Technologies, 2006, 3, 91-100.	0.6	19
33	NMRâ€Based Design and Evaluation of Novel Bidentate Inhibitors of the Protein Tyrosine Phosphatase YopH. Chemical Biology and Drug Design, 2010, 76, 10-16.	1.5	19
34	Postsynthetic Modification of Peptides via Chemoselective N-Alkylation of Their Side Chains. Organic Letters, 2012, 14, 1664-1667.	2.4	19
35	Heterotypic Samâ€“Sam Association between Odinâ€Sam1 and Arap3â€Sam: Binding Affinity and Structural Insights. ChemBioChem, 2013, 14, 100-106.	1.3	19
36	The Sam Domain of EphA2 Receptor and its Relevance to Cancer: A Novel Challenge for Drug Discovery?. Current Medicinal Chemistry, 2016, 23, 4718-4734.	1.2	19

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37	Highâ€Throughput Screening (HTS) by NMR Guided Identification of Novel Agents Targeting the Protein Docking Domain of YopH. ChemMedChem, 2016, 11, 919-927.	1.6	18
38	Glucosyl Platinum(II) Complexes Inhibit Aggregation of the C-Terminal Region of the AÎ² Peptide. Inorganic Chemistry, 2022, 61, 3540-3552.	1.9	18
39	Characterization of linear mimetic peptides of Interleukin-22 from dissection of protein interfaces. Biochimie, 2017, 138, 106-115.	1.3	17
40	The Sam-Sam interaction between Ship2 and the EphA2 receptor: design and analysis of peptide inhibitors. Scientific Reports, 2017, 7, 17474.	1.6	17
41	Sam domain-based stapled peptides: Structural analysis and interaction studies with the Sam domains from the EphA2 receptor and the lipid phosphatase Ship2. Bioorganic Chemistry, 2018, 80, 602-610.	2.0	17
42	Lipidated peptides via post-synthetic thioalkylation promoted by molecular sieves. Amino Acids, 2014, 46, 1899-1905.	1.2	16
43	The PTB domain of tensin: NMR solution structure and phosphoinositides binding studies. Biopolymers, 2008, 89, 86-92.	1.2	15
44	Targeting EphA2â€Sam and Its Interactome: Design and Evaluation of Helical Peptides Enriched in Charged Residues. ChemBioChem, 2016, 17, 2179-2188.	1.3	14
45	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
46	Peptide Fragments of Odinâ€Sam1: Conformational Analysis and Interaction Studies with EphA2â€Sam. ChemBioChem, 2015, 16, 1629-1636.	1.3	13
47	CD and NMR conformational studies of a peptide encompassing the Mid Loop interface of <scp>Ship2</scp>â€“<scp>Sam</scp>. Biopolymers, 2014, 101, 1088-1098.	1.2	12
48	Sam Domains in Multiple Diseases. Current Medicinal Chemistry, 2020, 27, 450-476.	1.2	12
49	Design and analysis of EphA2-SAM peptide ligands: A multi-disciplinary screening approach. Bioorganic Chemistry, 2019, 84, 434-443.	2.0	11
50	Chimeric Peptidomimetics of SOCS 3 Able to Interact with JAK2 as Anti-inflammatory Compounds. ACS Medicinal Chemistry Letters, 2020, 11, 615-623.	1.3	11
51	Self-assembly of bio-inspired heterochiral peptides. Bioorganic Chemistry, 2021, 114, 105047.	2.0	11
52	Structural Investigation of the HIV-1 Envelope Glycoprotein gp160 Cleavage Site. Chemistry - A European Journal, 2002, 8, 1467-1473.	1.7	10
53	A Structure-based Approach to Retinoid X Receptor-Î± Inhibition. Journal of Biological Chemistry, 2006, 281, 16643-16648.	1.6	10
54	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

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55	Diphenylalanine Motif Drives Selfâ€Assembling in Hybrid PNAâ€Peptide Conjugates. Chemistry - A European Journal, 2021, 27, 14307-14316.	1.7	10
56	Cyclic mimetics of kinase-inhibitory region of Suppressors of Cytokine Signaling 1: Progress toward novel anti-inflammatory therapeutics. European Journal of Medicinal Chemistry, 2021, 221, 113547.	2.6	10
57	Exploring the Ability of Cyclic Peptides to Target SAM Domains: A Computational and Experimental Study. ChemBioChem, 2020, 21, 702-711.	1.3	9
58	Solution conformational features and interfacial properties of an intrinsically disordered peptide coupled to alkyl chains: a new class of peptide amphiphiles. Molecular BioSystems, 2013, 9, 1401.	2.9	8
59	Peptides targeting chemokine receptor CXCR4: structural behavior and biological binding studies. Journal of Peptide Science, 2014, 20, 270-278.	0.8	8
60	Structureâ€activity studies of peptidomimetics based on kinaseâ€inhibitory region of suppressors of cytokine signaling 1. Peptide Science, 2018, 110, e23082.	1.0	8
61	Conformational Ensembles Explored Dynamically from Disordered Peptides Targeting Chemokine Receptor CXCR4. International Journal of Molecular Sciences, 2015, 16, 12159-12173.	1.8	7
62	Intrinsically disordered amphiphilic peptides as potential targets in drug delivery vehicles. Molecular BioSystems, 2015, 11, 2925-2932.	2.9	6
63	NMR Spectroscopy in the Conformational Analysis of Peptides: An Overview. Current Medicinal Chemistry, 2021, 28, 2729-2782.	1.2	6
64	Design and NMR Studies of Cyclic Peptides Targeting the Nâ€Terminal Domain of the Protein Tyrosine Phosphatase YopH. Chemical Biology and Drug Design, 2011, 77, 12-19.	1.5	5
65	The antimicrobial peptides casocidins I and II: Solution structural studies in water and different membrane-mimetic environments. Peptides, 2019, 114, 50-58.	1.2	4
66	Protein Interaction Domains and Post-Translational Modifications: Structural Features and Drug Discovery Applications. Current Medicinal Chemistry, 2020, 27, 6306-6355.	1.2	4
67	Structural investigation of a C-terminal EphA2 receptor mutant: Does mutation affect the structure and interaction properties of the Sam domain?. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 1095-1104.	1.1	3
68	The Fight against Human Viruses: How NMR Can Help?. Current Medicinal Chemistry, 2021, 28, 4380-4453.	1.2	3
69	Targeting Ship2-Sam with peptide ligands: Novel insights from a multidisciplinary approach. Bioorganic Chemistry, 2022, 122, 105680.	2.0	3
70	Conformational disorder in phosphopeptides: solution studies by CD and NMR techniques. Peptidomics, 2014, 1, .	0.3	2
71	NMR assignment of the phosphotyrosine binding (PTB) domain of tensin. Journal of Biomolecular NMR, 2006, 36, 40-40.	1.6	1
72	Protein Interaction Domains: Structural Features and Drug Discovery Applications (Part 2). Current Medicinal Chemistry, 2021, 28, 854-892.	1.2	1

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73	Structure-Activity Relationship Investigations of Novel Constrained Chimeric Peptidomimetics of SOCS3 Protein Targeting JAK2. Pharmaceuticals, 2022, 15, 458.	1.7	0