

Antonella Accardo

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,961
citations

236833

25
h-index

289141

40
g-index

71
all docs

71
docs citations

71
times ranked

2431
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide-based hydrogels as delivery systems for doxorubicin. <i>Journal of Peptide Science</i> , 2022, 28, e3301.	0.8	22
2	Solid-state optical properties of self-assembling amyloid-like peptides with different charged states at the terminal ends. <i>Scientific Reports</i> , 2022, 12, 759.	1.6	9
3	Comparative Proteomic Profiling of Secreted Extracellular Vesicles from Breast Fibroadenoma and Malignant Lesions: A Pilot Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3989.	1.8	6
4	Preparation and In Vitro Evaluation of RITUXfab-Decorated Lipoplexes to Improve Delivery of siRNA Targeting C1858T PTPN22 Variant in B Lymphocytes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 408.	1.8	3
5	Multicomponent Hydrogel Matrices of Fmoc-FF and Cationic Peptides for Application in Tissue Engineering. <i>Macromolecular Bioscience</i> , 2022, 22, e2200128.	2.1	9
6	Fabrication of fluorescent nanospheres by heating PEGylated tetra-tyrosine nanofibers. <i>Scientific Reports</i> , 2021, 11, 2470.	1.6	10
7	Fold-sensitive Visible Fluorescence in β -Sheet Peptide Structures. <i>Advanced Optical Materials</i> , 2021, 9, 2002247.	3.6	10
8	Amyloid-Like Aggregation in Diseases and Biomaterials: Osmosis of Structural Information. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 641372.	2.0	30
9	Peptide-Based Hydrogels and Nanogels for Delivery of Doxorubicin. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1617-1630.	3.3	40
10	Self-Supporting Hydrogels Based on Fmoc-Derivatized Cationic Hexapeptides for Potential Biomedical Applications. <i>Biomedicines</i> , 2021, 9, 678.	1.4	14
11	Diphenylalanine Motif Drives Self-Assembling in Hybrid PNA-peptide Conjugates. <i>Chemistry - A European Journal</i> , 2021, 27, 14307-14316.	1.7	10
12	Amplified spontaneous emission and gain in highly concentrated Rhodamine-doped peptide derivative. <i>Scientific Reports</i> , 2021, 11, 17609.	1.6	6
13	The Introduction of a Cysteine Residue Modulates The Mechanical Properties of Aromatic-based Solid Aggregates and Self-Supporting Hydrogels. <i>Chemistry - A European Journal</i> , 2021, 27, 14886-14898.	1.7	15
14	Fluorescence Emission of Self-Assembling Amyloid-like Peptides: Solution versus Solid State. <i>ChemPhysChem</i> , 2021, 22, 2215-2221.	1.0	6
15	Stable Formulations of Peptide-Based Nanogels. <i>Molecules</i> , 2020, 25, 3455.	1.7	19
16	Systematic overview of soft materials as a novel frontier for MRI contrast agents. <i>RSC Advances</i> , 2020, 10, 27064-27080.	1.7	11
17	Long-Range Fluorescence Propagation in Amyloidogenic β -Sheet Films and Fibers. <i>Advanced Optical Materials</i> , 2020, 8, 2000056.	3.6	19
18	Bi-functional peptide-based 3D hydrogel-scaffolds. <i>Soft Matter</i> , 2020, 16, 7006-7017.	1.2	20

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19	Peptide-Based Soft Hydrogels Modified with Gadolinium Complexes as MRI Contrast Agents. <i>Pharmaceuticals</i> , 2020, 13, 19.	1.7	29
20	Fmoc-diphenylalanine as a suitable building block for the preparation of hybrid materials and their potential applications. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5142-5155.	2.9	73
21	Fluorescence and Morphology of Self-Assembled Nucleobases and Their Diphenylalanine Hybrid Aggregates. <i>Chemistry - A European Journal</i> , 2019, 25, 14850-14857.	1.7	21
22	Self-Assembly of PEGylated Diphenylalanines into Photoluminescent Fibrillary Aggregates. <i>ChemPhysChem</i> , 2019, 20, 2774-2782.	1.0	22
23	Fmoc-FF and hexapeptide-based multicomponent hydrogels as scaffold materials. <i>Soft Matter</i> , 2019, 15, 487-496.	1.2	70
24	Peptide-Based Drug-Delivery Systems in Biotechnological Applications: Recent Advances and Perspectives. <i>Molecules</i> , 2019, 24, 351.	1.7	166
25	Peptide-based building blocks as structural elements for supramolecular Gd-containing MRI contrast agents. <i>Journal of Peptide Science</i> , 2019, 25, e3157.	0.8	27
26	Easy formulation of liposomal doxorubicin modified with a bombesin peptide analogue for selective targeting of GRP receptors overexpressed by cancer cells. <i>Drug Delivery and Translational Research</i> , 2019, 9, 215-226.	3.0	18
27	Amyloid-Like Fibrillary Morphology Originated by Tyrosine-Containing Aromatic Hexapeptides. <i>Chemistry - A European Journal</i> , 2018, 24, 6804-6817.	1.7	28
28	Self-Assembling of Fmoc-GC Peptide Nucleic Acid Dimers into Highly Fluorescent Aggregates. <i>Chemistry - A European Journal</i> , 2018, 24, 4729-4735.	1.7	21
29	A Negative Allosteric Modulator of WNT Receptor Frizzled 4 Switches into an Allosteric Agonist. <i>Biochemistry</i> , 2018, 57, 839-851.	1.2	21
30	Structural Characterization of Self-Assembled Tetra-Tryptophan Based Nanostructures: Variations on a Common Theme. <i>ChemPhysChem</i> , 2018, 19, 1635-1642.	1.0	22
31	Assembly modes of hexaphenylalanine variants as function of the charge states of their terminal ends. <i>Soft Matter</i> , 2018, 14, 8219-8230.	1.2	18
32	Cross-beta nanostructures based on dinaphthylalanine Gd-conjugates loaded with doxorubicin. <i>Scientific Reports</i> , 2017, 7, 307.	1.6	23
33	Photoluminescent Peptide-Based Nanostructures as FRET Donor for Fluorophore Dye. <i>Chemistry - A European Journal</i> , 2017, 23, 8741-8748.	1.7	16
34	Structural Characterization of PEGylated Hexaphenylalanine Nanostructures Exhibiting Green Photoluminescence Emission. <i>Chemistry - A European Journal</i> , 2017, 23, 14039-14048.	1.7	34
35	Gadolinium containing telechelic PEG-polymers end-capped by diphenylalanine motives as potential supramolecular MRI contrast agents. <i>Journal of Peptide Science</i> , 2017, 23, 122-130.	0.8	17
36	Insights into amyloid-like aggregation of H2 region of the C-terminal domain of nucleophosmin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 176-185.	1.1	20

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37	Liposomes derivatized with multimeric copies of KCCYSL peptide as targeting agents for HER-2-overexpressing tumor cells. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 501-514.	3.3	24
38	Supramolecular Delivery Systems for Non-Platinum Metal-Based Anticancer Drugs. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2017, 34, 149-183.	1.2	8
39	Self-assembly of PEGylated tetra-phenylalanine derivatives: structural insights from solution and solid state studies. <i>Scientific Reports</i> , 2016, 6, 26638.	1.6	32
40	The influence of liposomal formulation on the incorporation and retention of PNA oligomers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 462-469.	2.5	7
41	Liposome antibody-ionophore conjugate antiproliferative activity increases by cellular metallostasis alteration. <i>MedChemComm</i> , 2016, 7, 2364-2367.	3.5	6
42	Hierarchical Analysis of Self-Assembled PEGylated Hexaphenylalanine Photoluminescent Nanostructures. <i>Chemistry - A European Journal</i> , 2016, 22, 16586-16597.	1.7	38
43	Diolein Based Nanostructures as Targeted Theranostics. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1076-1088.	0.5	3
44	Pre-clinical evaluation of eight DOTA coupled gastrin-releasing peptide receptor (GRP-R) ligands for in vivo targeting of receptor-expressing tumors. <i>EJNMMI Research</i> , 2016, 6, 17.	1.1	22
45	Peptide Materials Obtained by Aggregation of Polyphenylalanine Conjugates as Gadolinium-Based Magnetic Resonance Imaging Contrast Agents. <i>Advanced Functional Materials</i> , 2015, 25, 7003-7016.	7.8	40
46	Review peptide-targeted liposomes for selective drug delivery: Advantages and problematic issues. <i>Biopolymers</i> , 2015, 104, 462-479.	1.2	48
47	Incorporation of Naked Peptide Nucleic Acids into Liposomes Leads to Fast and Efficient Delivery. <i>Bioconjugate Chemistry</i> , 2015, 26, 1533-1541.	1.8	25
48	Liposomal doxorubicin doubly functionalized with CCK8 and R8 peptide sequences for selective intracellular drug delivery. <i>Journal of Peptide Science</i> , 2015, 21, 415-425.	0.8	19
49	CCK8 peptide-labeled Pluronic® F127 micelles as a targeted vehicle of gold-based anticancer chemotherapeutics. <i>MedChemComm</i> , 2015, 6, 155-163.	3.5	16
50	Receptor binding peptides for target-selective delivery of nanoparticles encapsulated drugs. <i>International Journal of Nanomedicine</i> , 2014, 9, 1537.	3.3	53
51	Influence of PEG length on conformational and binding properties of CCK peptides exposed by supramolecular aggregates. <i>Biopolymers</i> , 2014, 102, 304-312.	1.2	5
52	Self-assembled or mixed peptide amphiphile micelles from Herpes simplex virus glycoproteins as potential immunomodulatory treatment. <i>International Journal of Nanomedicine</i> , 2014, 9, 2137.	3.3	13
53	Structural insights on nanoparticles containing gadolinium complexes as potential theranostic. <i>Colloid and Polymer Science</i> , 2014, 292, 1121-1127.	1.0	4
54	Target selective micelles for bombesin receptors incorporating Au(III)-dithiocarbamate complexes. <i>International Journal of Pharmaceutics</i> , 2014, 473, 194-202.	2.6	28

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55	Liposomes derivatized with tetrabranched neurotensin peptides via click chemistry reactions. <i>New Journal of Chemistry</i> , 2013, 37, 3528.	1.4	11
56	Nanostructures based on monoolein or diolein and amphiphilic gadolinium complexes as MRI contrast agents. <i>Journal of Materials Chemistry B</i> , 2013, 1, 617-628.	2.9	9
57	Bombesin peptide antagonist for target-selective delivery of liposomal doxorubicin on cancer cells. <i>Journal of Drug Targeting</i> , 2013, 21, 240-249.	2.1	31
58	Peptide-based targeting strategies for simultaneous imaging and therapy with nanovectors. <i>Polymer Journal</i> , 2013, 45, 481-493.	1.3	84
59	Peptide-modified liposomes for selective targeting of bombesin receptors overexpressed by cancer cells: a potential theranostic agent. <i>International Journal of Nanomedicine</i> , 2012, 7, 2007.	3.3	37
60	Amphiphilic CCK peptides assembled in supramolecular aggregates: structural investigations and in vitro studies. <i>Molecular BioSystems</i> , 2011, 7, 862-870.	2.9	17
61	Nanoparticles containing octreotide peptides and gadolinium complexes for MRI applications. <i>Journal of Peptide Science</i> , 2011, 17, 154-162.	0.8	25
62	Target-selective Drug Delivery through Liposomes Labeled with Oligobranched Neurotensin Peptides. <i>ChemMedChem</i> , 2011, 6, 678-685.	1.6	41
63	Peptide-labeled supramolecular aggregates as selective doxorubicin carriers for delivery to tumor cells. <i>Biopolymers</i> , 2011, 96, 88-96.	1.2	14
64	Clickable Functionalization of Liposomes with the gH625 Peptide from <i>Herpes simplex</i> Virus Type-1 for Intracellular Drug Delivery. <i>Chemistry - A European Journal</i> , 2011, 17, 12659-12668.	1.7	57
65	Peptide modified nanocarriers for selective targeting of bombesin receptors. <i>Molecular BioSystems</i> , 2010, 6, 878.	2.9	35
66	Micelles derivatized with octreotide as potential target-selective contrast agents in MRI. <i>Journal of Peptide Science</i> , 2009, 15, 242-250.	0.8	39
67	Supramolecular aggregates containing lipophilic Gd(III) complexes as contrast agents in MRI. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2193-2213.	9.5	124
68	Micelles by self-assembling peptide-conjugate amphiphile: synthesis and structural characterization. <i>Journal of Peptide Science</i> , 2008, 14, 903-910.	0.8	12
69	Nanostructures by self-assembling peptide amphiphile as potential selective drug carriers. <i>Biopolymers</i> , 2007, 88, 115-121.	1.2	46
70	Structural and Relaxometric Characterization of Peptide Aggregates Containing Gadolinium Complexes as Potential Selective Contrast Agents in MRI. <i>ChemPhysChem</i> , 2007, 8, 2526-2538.	1.0	44
71	High-relaxivity supramolecular aggregates containing peptides and Gd complexes as contrast agents in MRI. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 267-276.	1.1	39