

# Antonella Accardo

## List of Publications by Year in descending order

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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 Drug-Delivery Systems in Biotechnological Applications: Recent Advances and Perspectives. <i>Molecules</i> , 2019, 24, 351.	1.7	166
2	Supramolecular aggregates containing lipophilic Gd(III) complexes as contrast agents in MRI. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2193-2213.	9.5	124
3	Peptide-based targeting strategies for simultaneous imaging and therapy with nanovectors. <i>Polymer Journal</i> , 2013, 45, 481-493.	1.3	84
4	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
5	Fmoc-FF and hexapeptide-based multicomponent hydrogels as scaffold materials. <i>Soft Matter</i> , 2019, 15, 487-496.	1.2	70
6	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
7	Receptor binding peptides for target-selective delivery of nanoparticles encapsulated drugs. <i>International Journal of Nanomedicine</i> , 2014, 9, 1537.	3.3	53
8	Review peptide-targeted liposomes for selective drug delivery: Advantages and problematic issues. <i>Biopolymers</i> , 2015, 104, 462-479.	1.2	48
9	Nanostructures by self-assembling peptide amphiphile as potential selective drug carriers. <i>Biopolymers</i> , 2007, 88, 115-121.	1.2	46
10	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
11	Target-Selective Drug Delivery through Liposomes Labeled with Oligobranched Neurotensin Peptides. <i>ChemMedChem</i> , 2011, 6, 678-685.	1.6	41
12	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
13	Peptide-Based Hydrogels and Nanogels for Delivery of Doxorubicin. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1617-1630.	3.3	40
14	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
15	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
16	Hierarchical Analysis of Self-Assembled PEGylated Hexaphenylalanine Photoluminescent Nanostructures. <i>Chemistry - A European Journal</i> , 2016, 22, 16586-16597.	1.7	38
17	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
18	Peptide modified nanocarriers for selective targeting of bombesin receptors. <i>Molecular BioSystems</i> , 2010, 6, 878.	2.9	35

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19	Structural Characterization of PEGylated Hexaphenylalanine Nanostructures Exhibiting Green Photoluminescence Emission. <i>Chemistry - A European Journal</i> , 2017, 23, 14039-14048.	1.7	34
20	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
21	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
22	Amyloid-Like Aggregation in Diseases and Biomaterials: Osmosis of Structural Information. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 641372.	2.0	30
23	Peptide-Based Soft Hydrogels Modified with Gadolinium Complexes as MRI Contrast Agents. <i>Pharmaceuticals</i> , 2020, 13, 19.	1.7	29
24	Target selective micelles for bombesin receptors incorporating Au(III)-dithiocarbamate complexes. <i>International Journal of Pharmaceutics</i> , 2014, 473, 194-202.	2.6	28
25	Amyloid-Like Fibrillary Morphology Originated by Tyrosine-Containing Aromatic Hexapeptides. <i>Chemistry - A European Journal</i> , 2018, 24, 6804-6817.	1.7	28
26	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
27	Nanoparticles containing octreotide peptides and gadolinium complexes for MRI applications. <i>Journal of Peptide Science</i> , 2011, 17, 154-162.	0.8	25
28	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
29	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
30	Cross-beta nanostructures based on dinaphthylalanine Gd-conjugates loaded with doxorubicin. <i>Scientific Reports</i> , 2017, 7, 307.	1.6	23
31	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
32	Structural Characterization of Self-Assembled Tetra-Tryptophan Based Nanostructures: Variations on a Common Theme. <i>ChemPhysChem</i> , 2018, 19, 1635-1642.	1.0	22
33	Self-Assembly of PEGylated Diphenylalanines into Photoluminescent Fibrillary Aggregates. <i>ChemPhysChem</i> , 2019, 20, 2774-2782.	1.0	22
34	Peptide-based hydrogels as delivery systems for doxorubicin. <i>Journal of Peptide Science</i> , 2022, 28, e3301.	0.8	22
35	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
36	A Negative Allosteric Modulator of WNT Receptor Frizzled 4 Switches into an Allosteric Agonist. <i>Biochemistry</i> , 2018, 57, 839-851.	1.2	21

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37	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
38	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
39	Bi-functional peptide-based 3D hydrogel-scaffolds. <i>Soft Matter</i> , 2020, 16, 7006-7017.	1.2	20
40	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
41	Stable Formulations of Peptide-Based Nanogels. <i>Molecules</i> , 2020, 25, 3455.	1.7	19
42	Long-Range Fluorescence Propagation in Amyloidogenic $\beta$ -Sheet Films and Fibers. <i>Advanced Optical Materials</i> , 2020, 8, 2000056.	3.6	19
43	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
44	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
45	Amphiphilic CCK peptides assembled in supramolecular aggregates: structural investigations and in vitro studies. <i>Molecular BioSystems</i> , 2011, 7, 862-870.	2.9	17
46	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
47	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
48	Photoluminescent Peptide-Based Nanostructures as FRET Donor for Fluorophore Dye. <i>Chemistry - A European Journal</i> , 2017, 23, 8741-8748.	1.7	16
49	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
50	Peptide-labeled supramolecular aggregates as selective doxorubicin carriers for delivery to tumor cells. <i>Biopolymers</i> , 2011, 96, 88-96.	1.2	14
51	Self-Supporting Hydrogels Based on Fmoc-Derivatized Cationic Hexapeptides for Potential Biomedical Applications. <i>Biomedicines</i> , 2021, 9, 678.	1.4	14
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	Micelles by self-assembling peptide-conjugate amphiphile: synthesis and structural characterization. <i>Journal of Peptide Science</i> , 2008, 14, 903-910.	0.8	12
54	Liposomes derivatized with tetrabrached neurotensin peptides via click chemistry reactions. <i>New Journal of Chemistry</i> , 2013, 37, 3528.	1.4	11

#	ARTICLE	IF	CITATIONS
55	Systematic overview of soft materials as a novel frontier for MRI contrast agents. RSC Advances, 2020, 10, 27064-27080.	1.7	11
56	Fabrication of fluorescent nanospheres by heating PEGylated tetra-tyrosine nanofibers. Scientific Reports, 2021, 11, 2470.	1.6	10
57	Foldable Sensitive Visible Fluorescence in 2D Sheet Peptide Structures. Advanced Optical Materials, 2021, 9, 2002247.	3.6	10
58	Diphenylalanine Motif Drives Self-Assembling in Hybrid PNA-Peptide Conjugates. Chemistry - A European Journal, 2021, 27, 14307-14316.	1.7	10
59	Nanostructures based on monoolein or diolein and amphiphilic gadolinium complexes as MRI contrast agents. Journal of Materials Chemistry B, 2013, 1, 617-628.	2.9	9
60	Solid-state optical properties of self-assembling amyloid-like peptides with different charged states at the terminal ends. Scientific Reports, 2022, 12, 759.	1.6	9
61	Multicomponent Hydrogel Matrices of Fmoc-FF and Cationic Peptides for Application in Tissue Engineering. Macromolecular Bioscience, 2022, 22, e2200128.	2.1	9
62	Supramolecular Delivery Systems for Non-Platinum Metal-Based Anticancer Drugs. Critical Reviews in Therapeutic Drug Carrier Systems, 2017, 34, 149-183.	1.2	8
63	The influence of liposomal formulation on the incorporation and retention of PNA oligomers. Colloids and Surfaces B: Biointerfaces, 2016, 145, 462-469.	2.5	7
64	Liposome antibody-ionophore conjugate antiproliferative activity increases by cellular metalloproteinase alteration. MedChemComm, 2016, 7, 2364-2367.	3.5	6
65	Amplified spontaneous emission and gain in highly concentrated Rhodamine-doped peptide derivative. Scientific Reports, 2021, 11, 17609.	1.6	6
66	Fluorescence Emission of Self-Assembling Amyloid-like Peptides: Solution versus Solid State. ChemPhysChem, 2021, 22, 2215-2221.	1.0	6
67	Comparative Proteomic Profiling of Secreted Extracellular Vesicles from Breast Fibroadenoma and Malignant Lesions: A Pilot Study. International Journal of Molecular Sciences, 2022, 23, 3989.	1.8	6
68	Influence of PEG length on conformational and binding properties of CCK peptides exposed by supramolecular aggregates. Biopolymers, 2014, 102, 304-312.	1.2	5
69	Structural insights on nanoparticles containing gadolinium complexes as potential theranostic. Colloid and Polymer Science, 2014, 292, 1121-1127.	1.0	4
70	Diolein Based Nanostructures as Targeted Theranostics. Journal of Biomedical Nanotechnology, 2016, 12, 1076-1088.	0.5	3
71	Preparation and In Vitro Evaluation of RITUXfab-Decorated Lipoplexes to Improve Delivery of siRNA Targeting C1858T PTPN22 Variant in B Lymphocytes. International Journal of Molecular Sciences, 2022, 23, 408.	1.8	3