Andreia Gomes

List of Publications by Year
in descending order

115 papers	3,200 citations	159585 30 h-index	189892 50 g-index
116 all docs	116 docs citations	116 times ranked	5178 citing authors

#	Article	IF	Citations
1	Anti-Inflammatory and Immunoregulatory Action of Sesquiterpene Lactones. Molecules, 2022, 27, 1142.	3.8	34
2	pH-sensitive nanoliposomes for passive and CXCR-4-mediated marine yessotoxin delivery for cancer therapy. Nanomedicine, 2022, 17, 717-739.	3.3	3
3	Understanding Myoblast Differentiation Pathways When Cultured on Electroactive Scaffolds through Proteomic Analysis. ACS Applied Materials & Interfaces, 2022, 14, 26180-26193.	8.0	9
4	Combined Inhibition of FOSL-1 and YAP Using siRNA-Lipoplexes Reduces the Growth of Pancreatic Tumor. Cancers, 2022, 14, 3102.	3.7	4
5	Effective cytocompatible nanovectors based on serine-derived gemini surfactants and monoolein for small interfering RNA delivery. Journal of Colloid and Interface Science, 2021, 584, 34-44.	9.4	12
6	Fractionation of Cynara cardunculus ethanolic extracts using diananofiltration. Separation and Purification Technology, 2021, 256, 117856.	7.9	4
7	Biocompatible thermosensitive nanostructures and hydrogels of an amino acid-derived surfactant and hydroxyethyl cellulose polymers. Journal of Molecular Liquids, 2021, 322, 114540.	4.9	6
8	Stimuliâ€Sensitive Selfâ€Assembled Tubules Based on Lysineâ€Derived Surfactants for Delivery of Antimicrobial Proteins. Chemistry - A European Journal, 2021, 27, 692-704.	3.3	3
9	Protein-Based Films Functionalized with a Truncated Antimicrobial Peptide Sequence Display Broad Antimicrobial Activity. ACS Biomaterials Science and Engineering, 2021, 7, 451-461.	5.2	9
10	Formation of catanionic vesicles by threonine-derived surfactants and gemini surfactants based on conventional or serine-derived headgroups: designing versatile and cytocompatible nanocarriers. Soft Matter, 2021, 17, 7099-7110.	2.7	6
11	Design of polymeric core-shell carriers for combination therapies. Journal of Colloid and Interface Science, 2021, 587, 499-509.	9.4	14
12	Avobenzone-loaded and omega-3-enriched lipid formulations for production of UV blocking sunscreen gels and textiles. Journal of Molecular Liquids, 2021, 342, 116965.	4.9	11
13	Toxicity in vitro and in Zebrafish Embryonic Development of Gold Nanoparticles Biosynthesized Using Cystoseira Macroalgae Extracts. International Journal of Nanomedicine, 2021, Volume 16, 5017-5036.	6.7	16
14	Novel concept of exosome-like liposomes for the treatment of Alzheimer's disease. Journal of Controlled Release, 2021, 336, 130-143.	9.9	43
15	Absence of Light Exposure Increases Pathogenicity of Pseudomonas aeruginosa Pneumonia-Associated Clinical Isolates. Biology, 2021, 10, 837.	2.8	1
16	Acute ecotoxicity assessment of a covalent organic framework. Environmental Science: Nano, 2021, 8, 1680-1689.	4.3	2
17	Biomedical Application, Patent Repository, Clinical Trial and Regulatory Updates on Hydrogel: An Extensive Review. Gels, 2021, 7, 207.	4.5	32
18	Surface Charge-Mediated Cellâ€“Surface Interaction on Piezoelectric Materials. ACS Applied Materials & Interfaces, 2020, 12, 191-199.	8.0	23

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19	Leukemia inhibitory factor: Recent advances and implications in biotechnology. Cytokine and Growth Factor Reviews, 2020, 52, 25-33.	7.2	21
20	Development of bioactive films based on chitosan and Cynara cardunculus leaves extracts for wound dressings. International Journal of Biological Macromolecules, 2020, 163, 1707-1718.	7.5	26
21	Nanotechnology Solutions for Controlled Cytokine Delivery: An Applied Perspective. Applied Sciences (Switzerland), 2020, 10, 7098.	2.5	10
22	Magnetically Activated Electroactive Microenvironments for Skeletal Muscle Tissue Regeneration. ACS Applied Bio Materials, 2020, 3, 4239-4252.	4.6	39
23	Cyclosporin A-loaded poly(<scp>d,l</scp>-lactide) nanoparticles: a promising tool for treating alopecia. Nanomedicine, 2020, 15, 1459-1469.	3.3	13
24	Exosome-like Nanoparticles: A New Type of Nanocarrier. Current Medicinal Chemistry, 2020, 27, 3888-3905.	2.4	28
25	Fusion proteins with chromogenic and keratin binding modules. Scientific Reports, 2019, 9, 14044.	3.3	12
26	Ionic-Liquid-Based Electroactive Polymer Composites for Muscle Tissue Engineering. ACS Applied Polymer Materials, 2019, 1, 2649-2658.	4.4	46
27	Photocatalytic performance of N-doped TiO2nano-SiO2-HY nanocomposites immobilized over cotton fabrics. Journal of Materials Research and Technology, 2019, 8, 1933-1943.	5.8	34
28	BSA/ASN/Pol407 nanoparticles for acute lymphoblastic leukemia treatment. Biochemical Engineering Journal, 2019, 141, 80-88.	3.6	3
29	Antibacterial and Antifungal Activity of Poly(Lactic Acid)â€“Bovine Lactoferrin Nanofiber Membranes. Macromolecular Bioscience, 2018, 18, 1700324.	4.1	18
30	Photonic modulation of epidermal growth factor receptor halts receptor activation and cancer cell migration. Journal of Biophotonics, 2018, 11, e201700323.	2.3	1
31	Fab antibody fragment-functionalized liposomes for specific targeting of antigen-positive cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 123-130.	3.3	39
32	Multifunctional Platform Based on Electroactive Polymers and Silica Nanoparticles for Tissue Engineering Applications. Nanomaterials, 2018, 8, 933.	4.1	16
33	Electroactive biomaterial surface engineering effects on muscle cells differentiation. Materials Science and Engineering C, 2018, 92, 868-874.	7.3	47
34	Keratinâ€based particles for protection and restoration of hair properties. International Journal of Cosmetic Science, 2018, 40, 408-419.	2.6	19
35	Production of bioactive hepcidin by recombinant DNA tagging with an elastin-like recombinamer. New Biotechnology, 2018, 46, 45-53.	4.4	19
36	Lipid-based Nanocarriers for siRNA Delivery: Challenges, Strategies and the Lessons Learned from the DODAX: MO Liposomal System. Current Drug Targets, 2018, 20, 29-50.	2.1	16

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37	Photonic modulation of EGFR: 280nm low level light arrests cancer cell activation and migration. , 2017, , .		0
38	Neutral PEGylated liposomal formulation for efficient folate-mediated delivery of MCL1 siRNA to activated macrophages. Colloids and Surfaces B: Biointerfaces, 2017, 155, 459-465.	5.0	25
39	Single step fabrication of antimicrobial fibre mats from a bioengineered protein-based polymer. Biomedical Materials (Bristol), 2017, 12, 045011.	3.3	17
40	Proteinâ€based nanoformulations for Î±â€tocopherol encapsulation. Engineering in Life Sciences, 2017, 17, 523-527.	3.6	6
41	Silk-based biomaterials functionalized with fibronectin type II promotes cell adhesion. Acta Biomaterialia, 2017, 47, 50-59.	8.3	27
42	Curcumin Encapsulated into Methoxy Poly(Ethylene Glycol) Poly(Îµ-Caprolactone) Nanoparticles Increases Cellular Uptake and Neuroprotective Effect in Glioma Cells. Planta Medica, 2017, 83, 434-444.	1.3	23
43	Albumin-Based Nanodevices as Drug Carriers. Current Pharmaceutical Design, 2016, 22, 1371-1390.	1.9	134
44	Mechanisms of Action of Curcumin on Aging. , 2016, , 491-511.		7
45	Human Hair and the Impact of Cosmetic Procedures: A Review on Cleansing and Shape-Modulating Cosmetics. Cosmetics, 2016, 3, 26.	3.3	52
46	Role of counter-ion and helper lipid content in the design and properties of nanocarrier systems: a biophysical study in 2D and 3D lipid assemblies. RSC Advances, 2016, 6, 47730-47740.	3.6	7
47	Protective effect of antigen delivery using monoolein-based liposomes in experimental hematogenously disseminated candidiasis. Acta Biomaterialia, 2016, 39, 133-145.	8.3	24
48	Fluorescent quantification of melanin. Pigment Cell and Melanoma Research, 2016, 29, 707-712.	3.3	44
49	Albumin/asparaginase capsules prepared by ultrasound to retain ammonia. Applied Microbiology and Biotechnology, 2016, 100, 9499-9508.	3.6	10
50	BSA/HSA ratio modulates the properties of Ca2+-induced cold gelation scaffolds. International Journal of Biological Macromolecules, 2016, 89, 535-544.	7.5	9
51	Counter ions and constituents combination affect DODAXâ€‰:â€‰MO nanocarriers toxicity in vitro and in vivo. Toxicology Research, 2016, 5, 1244-1255.	2.1	11
52	A biologically active delivery material with dried-rehydrated vesicles containing the anti-inflammatory diclofenac for potential wound healing. Journal of Liposome Research, 2016, 26, 269-275.	3.3	8
53	Folate-targeted nanoparticles for rheumatoid arthritis therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1113-1126.	3.3	112
54	Assessment of liposome disruption to quantify drug delivery in vitro. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 163-167.	2.6	9

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55	Monoolein-based nanocarriers for enhanced folate receptor-mediated RNA delivery to cancer cells. Journal of Liposome Research, 2016, 26, 199-210.	3.3	15
56	EGF Functionalized Polymer-Coated Gold Nanoparticles Promote EGF Photostability and EGFR Internalization for Photothermal Therapy. PLoS ONE, 2016, 11, e0165419.	2.5	36
57	Update on Therapeutic Approaches for Rheumatoid Arthritis. Current Medicinal Chemistry, 2016, 23, 2190-2203.	2.4	19
58	Poly(vinylidene fluoride) and copolymers as porous membranes for tissue engineering applications. Polymer Testing, 2015, 44, 234-241.	4.8	99
59	DODAB:monoolein liposomes containing Candida albicans cell wall surface proteins: A novel adjuvant and delivery system. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 89, 190-200.	4.3	25
60	Development of Elastin-Like Recombinamer Films with Antimicrobial Activity. Biomacromolecules, 2015, 16, 625-635.	5.4	29
61	Enzymatic synthesis of poly(catechin)-antibiotic conjugates: an antimicrobial approach for indwelling catheters. Applied Microbiology and Biotechnology, 2015, 99, 637-651.	3.6	16
62	Folic acid-tagged protein nanoemulsions loaded with CORM-2 enhance the survival of mice bearing subcutaneous A20 lymphoma tumors. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1077-1083.	3.3	33
63	Peptide Anchor for Folate-Targeted Liposomal Delivery. Biomacromolecules, 2015, 16, 2904-2910.	5.4	34
64	Size controlled protein nanoemulsions for active targeting of folate receptor positive cells. Colloids and Surfaces B: Biointerfaces, 2015, 135, 90-98.	5.0	26
65	Redox-dependent induction of antioxidant defenses by phenolic diterpenes confers stress tolerance in normal human skin fibroblasts: Insights on replicative senescence. Free Radical Biology and Medicine, 2015, 83, 262-272.	2.9	19
66	Hair Coloration by Gene Regulation: Fact or Fiction?. Trends in Biotechnology, 2015, 33, 707-711.	9.3	13
67	Enhancing Methotrexate Tolerance with Folate Tagged Liposomes in Arthritic Mice. Journal of Biomedical Nanotechnology, 2015, 11, 2243-2252.	1.1	56
68	Improved Poly (D,Lâ€lactide) nanoparticlesâ€based formulation for hair follicle targeting. International Journal of Cosmetic Science, 2015, 37, 282-290.	2.6	14
69	Stealth monoolein-based nanocarriers for delivery of siRNA to cancer cells. Acta Biomaterialia, 2015, 25, 216-229.	8.3	28
70	Design of liposomal formulations for cell targeting. Colloids and Surfaces B: Biointerfaces, 2015, 136, 514-526.	5.0	126
71	Phosphorylated Silk Fibroin Matrix for Methotrexate Release. Molecular Pharmaceutics, 2015, 12, 75-86.	4.6	10
72	Functionalized protein nanoemulsions by incorporation of chemically modified BSA. RSC Advances, 2015, 5, 4976-4983.	3.6	19

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73	Assessment of a Protease Inhibitor Peptide for Anti-Ageing. Protein and Peptide Letters, 2015, 22, 1041-1049.	0.9	3
74	Sonochemical and hydrodynamic cavitation reactors for laccase/hydrogen peroxide cotton bleaching. Ultrasonics Sonochemistry, 2014, 21, 774-781.	8.2	31
75	Tunable pDNA/DODAB:MO lipoplexes: The effect of incubation temperature on pDNA/DODAB:MO lipoplexes structure and transfection efficiency. Colloids and Surfaces B: Biointerfaces, 2014, 121, 371-379.	5.0	23
76	Phosphorylation of silk fibroins improves the cytocompatibility of silk fibroin derived materials: A platform for the production of tuneable material. Biotechnology Journal, 2014, 9, 1267-1278.	3.5	8
77	Structural dynamics and physicochemical properties of pDNA/DODAB:MO lipoplexes: Effect of pH and anionic lipids in inverted non-lamellar phases versus lamellar phases. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 2555-2567.	2.6	22
78	Protective Ag:TiO2 thin films for pressure sensors in orthopedic prosthesis: the importance of composition, structural and morphological features on the biological response of the coatings. Journal of Materials Science: Materials in Medicine, 2014, 25, 2069-2081.	3.6	14
79	Dioctadecyldimethylammonium:Monoolein Nanocarriers for Efficient in Vitro Gene Silencing. ACS Applied Materials & Interfaces, 2014, 6, 6977-6989.	8.0	41
80	Design of Novel BSA/Hyaluronic Acid Nanodispersions for Transdermal Pharma Purposes. Molecular Pharmaceutics, 2014, 11, 1479-1488.	4.6	22
81	Gene Silencing by siRNA Nanoparticles Synthesized via Sonochemical Method. Journal of Nanomedicine & Nanotechnology, 2014, 05, .	1.1	0
82	Effect of poling state and morphology of piezoelectric poly(vinylidene fluoride) membranes for skeletal muscle tissue engineering. RSC Advances, 2013, 3, 17938.	3.6	128
83	Functionalization of gauzes with liposomes entrapping an anti-inflammatory drug: A strategy to improve wound healing. Reactive and Functional Polymers, 2013, 73, 1328-1334.	4.1	26
84	Potential of human Î³<scp>D</scp>â€crystallin for hair damage repair: insights into the mechanical properties and biocompatibility. International Journal of Cosmetic Science, 2013, 35, 458-466.	2.6	19
85	Keratins and lipids in ethnic hair. International Journal of Cosmetic Science, 2013, 35, 244-249.	2.6	47
86	Liposome and protein based stealth nanoparticles. Faraday Discussions, 2013, 166, 417.	3.2	26
87	Chitosanâ€“lignosulfonates sono-chemically prepared nanoparticles: Characterisation and potential applications. Colloids and Surfaces B: Biointerfaces, 2013, 103, 1-8.	5.0	81
88	The activity of LE10 peptide on biological membranes using molecular dynamics, in vitro and in vivo studies. Colloids and Surfaces B: Biointerfaces, 2013, 106, 240-247.	5.0	10
89	In vitro induction of melanin synthesis and extrusion by tamoxifen. International Journal of Cosmetic Science, 2013, 35, 368-374.	2.6	6
90	Electrospun silk-elastin-like fibre mats for tissue engineering applications. Biomedical Materials (Bristol), 2013, 8, 065009.	3.3	67

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91	Woundâ€healing evaluation of entrapped active agents into protein microspheres over cellulosic gauzes. Biotechnology Journal, 2012, 7, 1376-1385.	3.5	11
92	Novel silk fibroin/elastin wound dressings. Acta Biomaterialia, 2012, 8, 3049-3060.	8.3	213
93	Developing scaffolds for tissue engineering using the Ca²⁺â€induced cold gelation by an experimental design approach. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 2269-2278.	3.4	11
94	Sonochemical Proteinaceous Microspheres for Wound Healing. Advances in Experimental Medicine and Biology, 2012, 733, 155-164.	1.6	10
95	The Notch Ligand Delta-Like 4 Regulates Multiple Stages of Early Hemato-Vascular Development. PLoS ONE, 2012, 7, e34553.	2.5	11
96	Protein microspheres as suitable devices for piroxicam release. Colloids and Surfaces B: Biointerfaces, 2012, 92, 277-285.	5.0	30
97	Folic acid-functionalized human serum albumin nanocapsules for targeted drug delivery to chronically activated macrophages. International Journal of Pharmaceutics, 2012, 427, 460-466.	5.2	77
98	Keratinâ€based peptide: biological evaluation and strengthening properties on relaxed hair. International Journal of Cosmetic Science, 2012, 34, 338-346.	2.6	21
99	DODAB:monoolein-based lipoplexes as non-viral vectors for transfection of mammalian cells. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2440-2449.	2.6	38
100	Tailoring elastase inhibition with synthetic peptides. European Journal of Pharmacology, 2011, 666, 53-60.	3.5	13
101	Protein disulphide isomerase-assisted functionalization of keratin-based matrices. Applied Microbiology and Biotechnology, 2011, 90, 1311-1321.	3.6	11
102	Portrayal of the Notch System in Embryonic Stem Cell-Derived Embryoid Bodies. Cells Tissues Organs, 2011, 193, 239-252.	2.3	5
103	Monoolein as helper lipid for non-viral transfection in mammals. Journal of Controlled Release, 2010, 148, e91-e92.	9.9	2
104	Biology of Human Hair: Know Your Hair to Control It. Advances in Biochemical Engineering/Biotechnology, 2010, 125, 121-143.	1.1	12
105	Novel nitrogen compounds enhance protection and repair of oxidative DNA damage in a neuronal cell model: Comparison with quercetin. Chemico-Biological Interactions, 2009, 181, 328-337.	4.0	9
106	Decreased 4-1BB expression on CD4+CD25high regulatory T cells in peripheral blood of patients with multiple sclerosis. Clinical and Experimental Immunology, 2008, 154, 22-29.	2.6	20
107	Oxidative DNA damage protection and repair by polyphenolic compounds in PC12 cells. European Journal of Pharmacology, 2008, 601, 50-60.	3.5	99
108	Increased Soluble 4-1BB Ligand (4-1BBL) Levels in Peripheral Blood of Patients with Multiple Sclerosis. Scandinavian Journal of Immunology, 2006, 64, 412-419.	2.7	17

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109	Effects of Delta1 and Jagged1 on Early Human Hematopoiesis: Correlation with Expression of Notch Signalingâ€Related Genes in CD34 ⁺ Cells. Stem Cells, 2006, 24, 1328-1337.	3.2	43
110	Expression of B-cell-activating factor of the TNF family (BAFF) and its receptors in multiple sclerosis. Journal of Neuroimmunology, 2004, 152, 183-190.	2.3	79
111	Upregulation of the apoptosis regulators cFLIP, CD95 and CD95 ligand in peripheral blood mononuclear cells in relapsingâ€“remitting multiple sclerosis. Journal of Neuroimmunology, 2003, 135, 126-134.	2.3	35
112	Decreased levels of CD95 and caspase-8 mRNA in multiple sclerosis patients with gadolinium-enhancing lesions on MRI. Neuroscience Letters, 2003, 352, 101-104.	2.1	9
113	Decreased levels of CD95 and caspase-8 mRNA in multiple sclerosis patients with gadolinium-enhancing lesions on MRI. Neuroscience Letters, 2003, 352, 101-101.	2.1	1
114	Multiple sclerosis: elevated expression of matrix metalloproteinases in blood monocytes. Journal of Autoimmunity, 2001, 16, 463-470.	6.5	66
115	Graphene-Based Nanosystems: Versatile Nanotools for Theranostics and Bioremediation. , 0, , .		2