

Giovanna Pitarresi

List of Publications by Year in descending order

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75
papers

1,948
citations

186265

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289244

40
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75
docs citations

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times ranked

2363
citing authors

#	ARTICLE	IF	CITATIONS
1	Composite Hydrogels of Alkyl Functionalized Gellan Gum Derivative and Hydroxyapatite/Tricalcium Phosphate Nanoparticles as Injectable Scaffolds for bone Regeneration. <i>Macromolecular Bioscience</i> , 2022, 22, e2100290.	4.1	5
2	Bioactive Scaffolds Based on Amine-Functionalized Gellan Gum for the Osteogenic Differentiation of Gingival Mesenchymal Stem Cells. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1805-1815.	4.4	1
3	Correlating Rheological Properties of a Gellan Gum-Based Bioink: A Study of the Impact of Cell Density. <i>Polymers</i> , 2022, 14, 1844.	4.5	6
4	Photothermal nanofibrillar membrane based on hyaluronic acid and graphene oxide to treat <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> infected wounds. <i>International Journal of Biological Macromolecules</i> , 2022, 214, 470-479.	7.5	15
5	Fabrication of silver nanoparticles by a diethylene triamine-hyaluronic acid derivative and use as antibacterial coating. <i>Carbohydrate Polymers</i> , 2022, 295, 119861.	10.2	10
6	Hyaluronan alkyl derivatives-based electrospun membranes for potential guided bone regeneration: Fabrication, characterization and in vitro osteoinductive properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 197, 111438.	5.0	14
7	An asymmetric electrospun membrane for the controlled release of ciprofloxacin and FGF-2: Evaluation of antimicrobial and chemoattractant properties. <i>Materials Science and Engineering C</i> , 2021, 123, 112001.	7.3	18
8	Physicochemical and Rheological Characterization of Different Low Molecular Weight Gellan Gum Products and Derived Ionotropic Crosslinked Hydrogels. <i>Gels</i> , 2021, 7, 62.	4.5	20
9	Inulin-Based Polymeric Micelles Functionalized with Ocular Permeation Enhancers: Improvement of Dexamethasone Permeation/Penetration through Bovine Corneas. <i>Pharmaceutics</i> , 2021, 13, 1431.	4.5	10
10	Ciprofloxacin releasing gellan gum/polydopamine based hydrogels with near infrared activated photothermal properties. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121231.	5.2	14
11	Gellan gum-based delivery systems of therapeutic agents and cells. <i>Carbohydrate Polymers</i> , 2020, 229, 115430.	10.2	89
12	Hyaluronic acid based nanohydrogels fabricated by microfluidics for the potential targeted release of Imatinib: Characterization and preliminary evaluation of the antiangiogenic effect. <i>International Journal of Pharmaceutics</i> , 2020, 573, 118851.	5.2	8
13	New gellan gum-graft-poly(D,L-lactide-co-glycolide) copolymers as promising bioinks: Synthesis and characterization. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1653-1667.	7.5	13
14	A hyaluronic acid/cyclodextrin based injectable hydrogel for local doxorubicin delivery to solid tumors. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119879.	5.2	39
15	Production and physicochemical characterization of a new amine derivative of gellan gum and rheological study of derived hydrogels. <i>Carbohydrate Polymers</i> , 2020, 236, 116033.	10.2	24
16	Blend scaffolds with polyaspartamide/polyester structure fabricated via TIPS and their RGDC functionalization to promote osteoblast adhesion and proliferation. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2726-2735.	4.0	2
17	Production of a Double-Layer Scaffold for the "On-Demand" Release of Fibroblast-like Limbal Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22206-22217.	8.0	6
18	Chemical stiffening of constructs between polymeric microparticles based on a hyaluronic acid derivative and mesenchymal stem cells: rheological and in vitro viability studies. <i>Polymer International</i> , 2019, 68, 394-399.	3.1	1

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19	Polyaspartamide based hydrogel with cell recruitment properties for the local administration of hydrophobic anticancer drugs. <i>Reactive and Functional Polymers</i> , 2019, 138, 9-17.	4.1	11
20	Mucoadhesive PEGylated inulin-based self-assembling nanoparticles: InÂvitro and exÂvivo transcorneal permeation enhancement of corticosteroids. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 195-208.	3.0	25
21	Synthesis and evaluation of thermo-rheological behaviour and ionotropic crosslinking of new gellan gum-alkyl derivatives. <i>Carbohydrate Polymers</i> , 2018, 185, 73-84.	10.2	27
22	Imatinib-Loaded Micelles of Hyaluronic Acid Derivatives for Potential Treatment of Neovascular Ocular Diseases. <i>Molecular Pharmaceutics</i> , 2018, 15, 5031-5045.	4.6	32
23	Multifibrillar bundles of a self-assembling hyaluronic acid derivative obtained through a microfluidic technique for aortic smooth muscle cell orientation and differentiation. <i>Biomaterials Science</i> , 2018, 6, 2518-2526.	5.4	9
24	Hyaluronic acid and Î±-elastin based hydrogel for three dimensional culture of vascular endothelial cells. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 46, 28-33.	3.0	16
25	Spray dried hyaluronic acid microparticles for adhesion controlled aggregation and potential stimulation of stem cells. <i>International Journal of Pharmaceutics</i> , 2017, 519, 332-342.	5.2	12
26	Hyaluronic acid and beta cyclodextrins films for the release of corneal epithelial cells and dexamethasone. <i>Carbohydrate Polymers</i> , 2017, 166, 281-290.	10.2	39
27	Synthesis, mechanical and thermal rheological properties of new gellan gum derivatives. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 646-653.	7.5	40
28	Double-Network-Structured Graphene Oxide-Containing Nanogels as Photothermal Agents for the Treatment of Colorectal Cancer. <i>Biomacromolecules</i> , 2017, 18, 1010-1018.	5.4	61
29	A methacrylic hyaluronic acid derivative for potential application in oral treatment of celiac disease. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1480-1488.	2.0	2
30	Novel inulin-based mucoadhesive micelles loaded with corticosteroids as potential transcorneal permeation enhancers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 385-399.	4.3	46
31	Photocrosslinkable polyaspartamide/polylactide copolymer and its porous scaffolds for chondrocytes. <i>Materials Science and Engineering C</i> , 2017, 76, 794-801.	7.3	8
32	Microfluidic Fabrication of Physically Assembled Nanogels and Micrometric Fibers by Using a Hyaluronic Acid Derivative. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1700265.	3.6	10
33	Nanoparticles of a polyaspartamide-based brush copolymer for modified release of sorafenib: In vitro and in vivo evaluation. <i>Journal of Controlled Release</i> , 2017, 266, 47-56.	9.9	26
34	Hyaluronic Acidâ€Based Micelles as Ocular Platform to Modulate the Loading, Release, and Corneal Permeation of Corticosteroids. <i>Macromolecular Bioscience</i> , 2017, 17, 1700261.	4.1	35
35	Microfluidic production of hyaluronic acid derivative microfibers to control drug release. <i>Materials Letters</i> , 2016, 182, 309-313.	2.6	19
36	Hyaluronic Acid Derivative with Improved Versatility for Processing and Biological Functionalization. <i>Macromolecular Bioscience</i> , 2016, 16, 1485-1496.	4.1	20

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37	Modulation of physical and biological properties of a composite PLLA and polyaspartamide derivative obtained via thermally induced phase separation (TIPS) technique. <i>Materials Science and Engineering C</i> , 2016, 67, 561-569.	7.3	16
38	Uptake of silica covered Quantum Dots into living cells: Long term vitality and morphology study on hyaluronic acid biomaterials. <i>Materials Science and Engineering C</i> , 2016, 67, 231-236.	7.3	8
39	A New Hyaluronic Acid Derivative Obtained from Atom Transfer Radical Polymerization as a siRNA Vector for CD44 Receptor Tumor Targeting. <i>Macromolecular Bioscience</i> , 2015, 15, 1605-1615.	4.1	7
40	Injectable in situ forming hydrogels based on natural and synthetic polymers for potential application in cartilage repair. <i>RSC Advances</i> , 2015, 5, 19715-19723.	3.6	28
41	Matrices of a hydrophobically functionalized hyaluronic acid derivative for the locoregional tumour treatment. <i>Acta Biomaterialia</i> , 2015, 25, 205-215.	8.3	15
42	In situ forming hydrogels of hyaluronic acid and inulin derivatives for cartilage regeneration. <i>Carbohydrate Polymers</i> , 2015, 122, 408-416.	10.2	66
43	A polycarboxylic/amino functionalized hyaluronic acid derivative for the production of pH sensible hydrogels in the prevention of bacterial adhesion on biomedical surfaces. <i>International Journal of Pharmaceutics</i> , 2015, 478, 70-77.	5.2	30
44	Construction and evaluation of sponge scaffolds from hyaluronic acid derivatives for potential cartilage regeneration. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3243.	5.8	14
45	Heparin functionalized polyaspartamide/polyester scaffold for potential blood vessel regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 1334-1341.	4.0	26
46	Medicated hydrogels of hyaluronic acid derivatives for use in orthopedic field. <i>International Journal of Pharmaceutics</i> , 2013, 449, 84-94.	5.2	65
47	Chemical hydrogels based on a hyaluronic acid-graft- β -elastin derivative as potential scaffolds for tissue engineering. <i>Materials Science and Engineering C</i> , 2013, 33, 2541-2549.	7.3	29
48	Injectable in situ forming microgels of hyaluronic acid-g-poly(lactic acid) for methylprednisolone release. <i>European Polymer Journal</i> , 2013, 49, 718-725.	5.4	13
49	A new hyaluronic acid pH sensitive derivative obtained by ATRP for potential oral administration of proteins. <i>International Journal of Pharmaceutics</i> , 2013, 457, 150-157.	5.2	41
50	New hyaluronic acid based brush copolymers synthesized by atom transfer radical polymerization. <i>Carbohydrate Polymers</i> , 2013, 92, 1054-1063.	10.2	21
51	Nanoaggregates Based on New Poly-Hydroxyethyl-Aspartamide Copolymers for Oral Insulin Absorption. <i>Molecular Pharmaceutics</i> , 2013, 10, 1644-1654.	4.6	16
52	Galactosylated Micelles for a Ribavirin Prodrug Targeting to Hepatocytes. <i>Biomacromolecules</i> , 2013, 14, 1838-1849.	5.4	42
53	Dexamethasone Dipropionate Loaded Nanoparticles of β -Elastin-g-PLGA for Potential Treatment of Restenosis. <i>Molecular Pharmaceutics</i> , 2013, 10, 4603-4610.	4.6	10
54	Fluorinated and pegylated polyaspartamide derivatives to increase solubility and efficacy of Flutamide. <i>Journal of Drug Targeting</i> , 2012, 20, 433-444.	4.4	17

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55	In situ forming hydrogels of new amino hyaluronic acid/benzoyl-cysteine derivatives as potential scaffolds for cartilage regeneration. <i>Soft Matter</i> , 2012, 8, 4918.	2.7	41
56	Inulin-Based Hydrogel for Oral Delivery of Flutamide: Preparation, Characterization, and in vivo Release Studies. <i>Macromolecular Bioscience</i> , 2012, 12, 770-778.	4.1	16
57	Mechanical characterization of polysaccharide/polyaminoacid hydrogels as potential scaffolds for tissue regeneration. <i>Macromolecular Research</i> , 2011, 19, 1264-1271.	2.4	1
58	Biocompatible hydrogels based on hyaluronic acid cross-linked with a polyaspartamide derivative as delivery systems for epithelial limbal cells. <i>International Journal of Pharmaceutics</i> , 2011, 414, 104-111.	5.2	30
59	New self-assembling polyaspartylhydrazide copolymer micelles for anticancer drug delivery. <i>International Journal of Pharmaceutics</i> , 2010, 396, 219-228.	5.2	33
60	Self-assembled amphiphilic hyaluronic acid graft copolymers for targeted release of antitumoral drug. <i>Journal of Drug Targeting</i> , 2010, 18, 264-276.	4.4	65
61	New Self-Assembling Polyaspartamide-Based Brush Copolymers Obtained by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2009, 42, 3247-3257.	4.8	20
62	Fluorinated derivatives of a polyaspartamide bearing polyethylene glycol chains as oxygen carriers. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 1096-1103.	1.7	9
63	In situ gel forming graft copolymers of a polyaspartamide and polylactic acid: Preparation and characterization. <i>European Polymer Journal</i> , 2008, 44, 3764-3775.	5.4	17
64	Inulin-iron complexes: A potential treatment of iron deficiency anaemia. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 68, 267-276.	4.3	66
65	Fluoropolymer Based on a Polyaspartamide containing 1,2,4-Oxadiazole Units: A Potential Artificial Oxygen (O ₂) Carrier. <i>Macromolecular Bioscience</i> , 2007, 7, 836-845.	4.1	21
66	Photo-Cross-Linked Hydrogels with Polysaccharide-Poly(amino acid) Structure: A New Biomaterials for Pharmaceutical Applications. <i>Biomacromolecules</i> , 2006, 7, 1302-1310.	5.4	56
67	Synthesis and characterisation of novel chemical conjugates based on α - β -polyaspartylhydrazide and β -cyclodextrins. <i>European Polymer Journal</i> , 2006, 42, 2715-2729.	5.4	14
68	New graft copolymers of hyaluronic acid and polylactic acid: Synthesis and characterization. <i>Carbohydrate Polymers</i> , 2006, 66, 379-385.	10.2	110
69	UV-Photocrosslinking of Inulin Derivatives to Produce Hydrogels for Drug Delivery Application. <i>Macromolecular Bioscience</i> , 2005, 5, 1074-1084.	4.1	52
70	pH-Sensitive Hydrogel Based On A Novel Photocross-Linkable Copolymer. <i>Biomacromolecules</i> , 2004, 5, 1973-1982.	5.4	44
71	Evaluation of mucoadhesive properties of α - β -poly(N-hydroxyethyl)-dl-aspartamide and α - β -poly(aspartylhydrazide) using ATR-FTIR spectroscopy. <i>Polymer</i> , 2002, 43, 6281-6286.	3.8	28
72	Influence of different parameters on drug release from hydrogel systems to a biomembrane model. Evaluation by differential scanning calorimetry technique. <i>Biomaterials</i> , 2000, 21, 821-833.	11.4	56

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73	Effect of pH on the transfer kinetics of an anti-inflammatory drug from polyaspartamide hydrogels to a lipid model membrane. <i>Journal of Controlled Release</i> , 1997, 45, 103-111.	9.9	30
74	Glycidyl methacrylate derivatization of $\hat{1}\pm, \hat{1}^2$ -poly(N-hydroxyethyl)-dl-aspartamide and $\hat{1}\pm, \hat{1}^2$ -polyasparthydrazide. <i>Polymer</i> , 1997, 38, 3315-3323.	3.8	39
75	Effect of alkyl derivatization of gellan gum during the fabrication of electrospun membranes. <i>Journal of Industrial Textiles</i> , 0, , 152808372110075.	2.4	3