

Olivier Jordan

List of Publications by Year in descending order

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77
papers

3,104
citations

147801
31
h-index

168389
53
g-index

78
all docs

78
docs citations

78
times ranked

4657
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan as a starting material for wound healing applications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 97, 417-426.	4.3	412
2	A novel thermoresponsive hydrogel based on chitosan. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 68, 19-25.	4.3	141
3	Comparative Study of Chemoembolization Loadable Beads: In vitro Drug Release and Physical Properties of DC Bead and Hepasphere Loaded with Doxorubicin and Irinotecan. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, 1084-1090.	0.5	132
4	Recent advances in intra-articular drug delivery systems for osteoarthritis therapy. <i>Drug Discovery Today</i> , 2018, 23, 1761-1775.	6.4	131
5	Intra-articular drug delivery systems for the treatment of rheumatic diseases: A review of the factors influencing their performance. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 73, 205-218.	4.3	129
6	The in vivo performance of magnetic particle-loaded injectable, in situ gelling, carriers for the delivery of local hyperthermia. <i>Biomaterials</i> , 2010, 31, 691-705.	11.4	127
7	Dexamethasone-containing PLGA superparamagnetic microparticles as carriers for the local treatment of arthritis. <i>Biomaterials</i> , 2009, 30, 1772-1780.	11.4	115
8	Effect of particle size on the biodistribution of nano- and microparticles following intra-articular injection in mice. <i>International Journal of Pharmaceutics</i> , 2016, 498, 119-129.	5.2	92
9	Dexamethasone-containing biodegradable superparamagnetic microparticles for intra-articular administration: Physicochemical and magnetic properties, in vitro and in vivo drug release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 529-538.	4.3	88
10	The effects of carrier nature and pH on rhBMP-2-induced ectopic bone formation. <i>Journal of Controlled Release</i> , 2010, 147, 38-44.	9.9	79
11	Self-assembled thermoresponsive nanostructures of hyaluronic acid conjugates for osteoarthritis therapy. <i>Nanoscale</i> , 2018, 10, 1845-1854.	5.6	64
12	In vitro evaluation of an RGD-functionalized chitosan derivative for enhanced cell adhesion. <i>Carbohydrate Polymers</i> , 2012, 90, 1494-1500.	10.2	63
13	An Update on Antimicrobial Peptides (AMPs) and Their Delivery Strategies for Wound Infections. <i>Pharmaceutics</i> , 2020, 12, 840.	4.5	61
14	Injectable rhBMP-2-loaded chitosan hydrogel composite: Osteoinduction at ectopic site and in segmental long bone defect. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 96A, 66-74.	4.0	58
15	A novel biocompatible hyaluronic acid-chitosan hybrid hydrogel for osteoarthritis therapy. <i>International Journal of Pharmaceutics</i> , 2015, 483, 158-168.	5.2	57
16	Molecular Modeling for Nanomaterial-Biology Interactions: Opportunities, Challenges, and Perspectives. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 268.	4.1	55
17	Nanocrystals of a potent p38 MAPK inhibitor embedded in microparticles: Therapeutic effects in inflammatory and mechanistic murine models of osteoarthritis. <i>Journal of Controlled Release</i> , 2018, 276, 102-112.	9.9	51
18	Drug-eluting embolic microspheres for local drug delivery – State of the art. <i>Journal of Controlled Release</i> , 2017, 262, 127-138.	9.9	49

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19	Peptide-decorated chitosan derivatives enhance fibroblast adhesion and proliferation in wound healing. Carbohydrate Polymers, 2016, 142, 114-123.	10.2	48
20	Nanocrystalâ€“Polymer Particles: Extended Delivery Carriers for Osteoarthritis Treatment. Small, 2018, 14, 1703108.	10.0	48
21	Magnetically retainable microparticles for drug delivery to the joint: efficacy studies in an antigen-induced arthritis model in mice. Arthritis Research and Therapy, 2009, 11, R72.	3.5	45
22	Imaging the porous structure in the core of degrading PLGA microparticles: The effect of molecular weight. Journal of Controlled Release, 2018, 286, 231-239.	9.9	44
23	Wound Healing Promotion by Hyaluronic Acid: Effect of Molecular Weight on Gene Expression and In Vivo Wound Closure. Pharmaceuticals, 2021, 14, 301.	3.8	43
24	Biomaterials Used in Injectable Implants (Liquid Embolics) for Percutaneous Filling of Vascular Spaces. CardioVascular and Interventional Radiology, 2005, 28, 561-569.	2.0	38
25	Magnetic and in vitro heating properties of implants formed in situ from injectable formulations and containing superparamagnetic iron oxide nanoparticles (SPIONs) embedded in silica microparticles for magnetically induced local hyperthermia. Journal of Magnetism and Magnetic Materials, 2011, 323, 1054-1063.	2.3	38
26	Novel thermosensitive chitosan hydrogels: <i>In vivo</i> evaluation. Journal of Biomedical Materials Research - Part A, 2009, 91A, 324-330.	4.0	35
27	Co-encapsulation of dexamethasone 21-acetate and SPIONs into biodegradable polymeric microparticles designed for intra-articular delivery. Journal of Microencapsulation, 2008, 25, 339-350.	2.8	34
28	In vitro models for immunogenicity prediction of therapeutic proteins. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 130, 128-142.	4.3	33
29	Optimized synthesis of O-carboxymethyl-N,N,N-trimethyl chitosan. Carbohydrate Polymers, 2015, 122, 46-52.	10.2	32
30	Physical instability, aggregation and conformational changes of recombinant human bone morphogenetic protein-2 (rhBMP-2). International Journal of Pharmaceutics, 2010, 391, 48-54.	5.2	31
31	Drug-Eluting Beads Loaded with Antiangiogenic Agents for Chemoembolization: In Vitro Sunitinib Loading and Release and In Vivo Pharmacokinetics in an Animal Model. Journal of Vascular and Interventional Radiology, 2014, 25, 379-387.e2.	0.5	31
32	Arming embolic beads with anti-VEGF antibodies and controlling their release using LbL technology. Journal of Controlled Release, 2016, 224, 199-207.	9.9	31
33	Polyelectrolyte nanocomplexes based on chitosan derivatives for wound healing application. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 140, 100-108.	4.3	31
34	Local moderate magnetically induced hyperthermia using an implant formed in situ in a mouse tumor model. International Journal of Hyperthermia, 2009, 25, 229-239.	2.5	30
35	Antitumoral Effect of Sunitinib-eluting Beads in the Rabbit VX2 Tumor Model. Radiology, 2016, 280, 425-435.	7.3	30
36	Perivascular sustained release of atorvastatin from a hydrogel-microparticle delivery system decreases intimal hyperplasia. Journal of Controlled Release, 2016, 232, 93-102.	9.9	29

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37	Atorvastatin-Loaded Hydrogel Affects the Smooth Muscle Cells of Human Veins. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 347, 574-581.	2.5	26
38	Perivascular medical devices and drug delivery systems: Making the right choices. <i>Biomaterials</i> , 2017, 128, 56-68.	11.4	26
39	Clinical evaluation of bioadhesive hydrogels for topical delivery of hexylaminolevulinate to Barrett's esophagus. <i>Journal of Controlled Release</i> , 2007, 123, 203-210.	9.9	24
40	Preparation and evaluation of nanoparticles for directed tissue engineering. <i>International Journal of Pharmaceutics</i> , 2012, 439, 73-80.	5.2	24
41	Efficacy study of two novel hyaluronic acid-based formulations for viscosupplementation therapy in an early osteoarthrotic rabbit model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 96, 388-395.	4.3	24
42	Interfacial photopolymerization of γ -cell clusters: Approaches to reduce coating thickness using ionic and lipophilic dyes. <i>Biotechnology and Bioengineering</i> , 2001, 72, 634-641.	3.3	23
43	Enhanced water uptake of PHBV scaffolds with functionalized cellulose nanocrystals. <i>Polymer Testing</i> , 2019, 79, 106079.	4.8	22
44	Are Antimicrobial Peptide Dendrimers an Escape from ESKAPE?. <i>Advances in Wound Care</i> , 2020, 9, 378-395.	5.1	22
45	Intra-articular bioactivity of a p38 MAPK inhibitor and development of an extended-release system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 93, 110-117.	4.3	21
46	Evaluation of cellulose nanocrystal addition on morphology, compression modulus and cytotoxicity of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) scaffolds. <i>Journal of Materials Science</i> , 2019, 54, 7198-7210.	3.7	21
47	Synergistic effects of antimicrobial peptide dendrimer-chitosan polymer conjugates against <i>Pseudomonas aeruginosa</i> . <i>Carbohydrate Polymers</i> , 2022, 280, 119025.	10.2	20
48	Pharmacological prevention of intimal hyperplasia: A state-of-the-art review. , 2022, 235, 108157.		19
49	Considerations for the delivery of STING ligands in cancer immunotherapy. <i>Journal of Controlled Release</i> , 2021, 339, 235-247.	9.9	18
50	Osteoarthritis In Vitro Models: Applications and Implications in Development of Intra-Articular Drug Delivery Systems. <i>Pharmaceutics</i> , 2021, 13, 60.	4.5	18
51	In situ forming implants for local chemotherapy and hyperthermia of bone tumors. <i>Journal of Drug Delivery Science and Technology</i> , 2012, 22, 393-408.	3.0	17
52	Combination of mesenchymal stem cells and bioactive molecules in hydrogels for osteoarthritis treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 172, 41-52.	4.3	17
53	Sunitinib-eluting beads for chemoembolization: Methods for in vitro evaluation of drug release. <i>International Journal of Pharmaceutics</i> , 2015, 482, 68-74.	5.2	16
54	Nano wet milled celecoxib extended release microparticles for local management of chronic inflammation. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119783.	5.2	16

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55	Sustained protein release from hydrogel microparticles using layer-by-layer (LbL) technology. Drug Delivery, 2016, 23, 2747-2755.	5.7	15
56	A novel, non-adhesive, precipitating liquid embolic implant with intrinsic radiopacity: feasibility and safety animal study. European Radiology, 2017, 27, 1248-1256.	4.5	15
57	Intrinsically radiopaque iodine-containing polyvinyl alcohol as a liquid embolic agent: evaluation in experimental wide-necked aneurysms. Journal of Neurosurgery, 2006, 104, 290-297.	1.6	14
58	Cardiovascular effects of selected water-miscible solvents for pharmaceutical injections and embolization materials: a comparative hemodynamic study using a sheep model. PDA Journal of Pharmaceutical Science and Technology, 2007, 61, 64-74.	0.5	14
59	Mapping of drug distribution in the rabbit liver tumor model by complementary fluorescence and mass spectrometry imaging. Journal of Controlled Release, 2018, 269, 128-135.	9.9	13
60	Evaluating intimal hyperplasia under clinical conditions. Interactive Cardiovascular and Thoracic Surgery, 2018, 27, 427-436.	1.1	12
61	Radiopaque iodinated ethers of poly(vinyl iodobenzyl ether)s: Synthesis and evaluation for endovascular embolization. Journal of Applied Polymer Science, 2015, 132, .	2.6	10
62	Design and characterization of a perivascular PLGA coated PET mesh sustaining the release of atorvastatin for the prevention of intimal hyperplasia. International Journal of Pharmaceutics, 2018, 537, 40-47.	5.2	9
63	Hydrogels in three-dimensional dendritic cell (MUTZ-3) culture as a scaffold to mimic human immuno competent subcutaneous tissue. International Journal of Pharmaceutics, 2018, 544, 297-303.	5.2	9
64	Nanoforming Hyaluronan-Based Thermoresponsive Hydrogels: Optimized and Tunable Functionality in Osteoarthritis Management. Pharmaceutics, 2022, 14, 659.	4.5	8
65	Combination of Hyaluronan and Lyophilized Progenitor Cell Derivatives: Stabilization of Functional Hydrogel Products for Therapeutic Management of Tendinous Tissue Disorders. Pharmaceutics, 2021, 13, 2196.	4.5	7
66	Intra-articular drug delivery for arthritis diseases: the value of extended release and targeting strategies. Journal of Drug Delivery Science and Technology, 2012, 22, 409-419.	3.0	6
67	Controlled drug release from melt-extrudates through processing parameters: A chemometric approach. International Journal of Pharmaceutics, 2015, 481, 9-17.	5.2	6
68	In Vitro Anti-Inflammatory Activity in Arthritic Synoviocytes of A. brachypoda Root Extracts and Its Unusual Dimeric Flavonoids. Molecules, 2020, 25, 5219.	3.8	6
69	Bioadhesive Hyaluronic Acid/Dopamine Hydrogels for Vascular Applications Prepared by Initiator-Free Crosslinking. International Journal of Molecular Sciences, 2022, 23, 5706.	4.1	6
70	Novel injectable urethral bulking agents for the treatment of urinary incontinence. Journal of Materials Science: Materials in Medicine, 2004, 15, 519-522.	3.6	4
71	Biomaterials for Injectable Therapeutic Implants. Chimia, 2005, 59, 353-356.	0.6	3
72	Polyethylenimine/cGAMP Nanocomplexes for STING-Mediated Cancer Immunotherapy: Formulation and Characterization Using Orthogonal Techniques. Processes, 2022, 10, 882.	2.8	3

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73	Volume Changes of Experimental Carotid Sidewall Aneurysms Due to Embolization with Liquid Embolic Agents: A Multidetector CT Angiography Study. CardioVascular and Interventional Radiology, 2006, 29, 1053-1059.	2.0	2
74	Novel Layer-by-Layer Deposition Technique for the Preparation of Double-Chambered Nanoparticle Formulations. Journal of Pharmaceutical Sciences, 2015, 104, 2637-2640.	3.3	2
75	<title>Holographic control of hydrogel formation for biocompatible photopolymer</title>. , 1996, , .		1
76	In vitro activity of P38 MAPK inhibitor-loaded particles for the long term intra-articular treatment of osteoarthritis. Annals of the Rheumatic Diseases, 2011, 70, A78-A79.	0.9	1
77	Perivascular Administration of Atorvastatin Loaded in Microparticles and Hyaluronic Acid Gel to Prevent Intimal Hyperplasia in Venous Graft. European Journal of Vascular and Endovascular Surgery, 2019, 58, e99-e100.	1.5	0