

# Olivier Jordan

## List of Publications by Year in descending order

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77  
papers

3,104  
citations

147786

31  
h-index

168376

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 osteoarthrosis 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. <i>Carbohydrate Polymers</i> , 2016, 142, 114-123.	10.2	48
20	Nanocrystalâ€“Polymer Particles: Extended Delivery Carriers for Osteoarthritis Treatment. <i>Small</i> , 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. <i>Arthritis Research and Therapy</i> , 2009, 11, R72.	3.5	45
22	Imaging the porous structure in the core of degrading PLGA microparticles: The effect of molecular weight. <i>Journal of Controlled Release</i> , 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. <i>Pharmaceuticals</i> , 2021, 14, 301.	3.8	43
24	Biomaterials Used in Injectable Implants (Liquid Embolics) for Percutaneous Filling of Vascular Spaces. <i>CardioVascular and Interventional Radiology</i> , 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. <i>Journal of Magnetism and Magnetic Materials</i> , 2011, 323, 1054-1063.	2.3	38
26	Novel thermosensitive chitosan hydrogels: <i>In vivo</i> evaluation. <i>Journal of Biomedical Materials Research - Part A</i> , 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. <i>Journal of Microencapsulation</i> , 2008, 25, 339-350.	2.8	34
28	In vitro models for immunogenicity prediction of therapeutic proteins. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 130, 128-142.	4.3	33
29	Optimized synthesis of O-carboxymethyl-N,N,N-trimethyl chitosan. <i>Carbohydrate Polymers</i> , 2015, 122, 46-52.	10.2	32
30	Physical instability, aggregation and conformational changes of recombinant human bone morphogenetic protein-2 (rhBMP-2). <i>International Journal of Pharmaceutics</i> , 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. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 379-387.e2.	0.5	31
32	Arming embolic beads with anti-VEGF antibodies and controlling their release using LbL technology. <i>Journal of Controlled Release</i> , 2016, 224, 199-207.	9.9	31
33	Polyelectrolyte nanocomplexes based on chitosan derivatives for wound healing application. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 140, 100-108.	4.3	31
34	Local moderate magnetically induced hyperthermia using an implant formed in situ in a mouse tumor model. <i>International Journal of Hyperthermia</i> , 2009, 25, 229-239.	2.5	30
35	Antitumoral Effect of Sunitinib-eluting Beads in the Rabbit VX2 Tumor Model. <i>Radiology</i> , 2016, 280, 425-435.	7.3	30
36	Perivascular sustained release of atorvastatin from a hydrogel-microparticle delivery system decreases intimal hyperplasia. <i>Journal of Controlled Release</i> , 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 $\beta$ -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. <i>Drug Delivery</i> , 2016, 23, 2747-2755.	5.7	15
56	A novel, non-adhesive, precipitating liquid embolic implant with intrinsic radiopacity: feasibility and safety animal study. <i>European Radiology</i> , 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. <i>Journal of Neurosurgery</i> , 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. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 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. <i>Journal of Controlled Release</i> , 2018, 269, 128-135.	9.9	13
60	Evaluating intimal hyperplasia under clinical conditions. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 27, 427-436.	1.1	12
61	Radiopaque iodinated ethers of poly(vinyl iodobenzyl ether): Synthesis and evaluation for endovascular embolization. <i>Journal of Applied Polymer Science</i> , 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. <i>International Journal of Pharmaceutics</i> , 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. <i>International Journal of Pharmaceutics</i> , 2018, 544, 297-303.	5.2	9
64	Nanoforming Hyaluronan-Based Thermoresponsive Hydrogels: Optimized and Tunable Functionality in Osteoarthritis Management. <i>Pharmaceutics</i> , 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. <i>Pharmaceutics</i> , 2021, 13, 2196.	4.5	7
66	Intra-articular drug delivery for arthritis diseases: the value of extended release and targeting strategies. <i>Journal of Drug Delivery Science and Technology</i> , 2012, 22, 409-419.	3.0	6
67	Controlled drug release from melt-extrudates through processing parameters: A chemometric approach. <i>International Journal of Pharmaceutics</i> , 2015, 481, 9-17.	5.2	6
68	In Vitro Anti-Inflammatory Activity in Arthritic Synoviocytes of <i>A. brachypoda</i> Root Extracts and Its Unusual Dimeric Flavonoids. <i>Molecules</i> , 2020, 25, 5219.	3.8	6
69	Bioadhesive Hyaluronic Acid/Dopamine Hydrogels for Vascular Applications Prepared by Initiator-Free Crosslinking. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5706.	4.1	6
70	Novel injectable urethral bulking agents for the treatment of urinary incontinence. <i>Journal of Materials Science: Materials in Medicine</i> , 2004, 15, 519-522.	3.6	4
71	Biomaterials for Injectable Therapeutic Implants. <i>Chimia</i> , 2005, 59, 353-356.	0.6	3
72	Polyethylenimine/cGAMP Nanocomplexes for STING-Mediated Cancer Immunotherapy: Formulation and Characterization Using Orthogonal Techniques. <i>Processes</i> , 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