Juan Carlos Doadrio

List of Publications by Year
in descending order

24 papers	2,268 citations	331670 21 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	2716 citing authors

#	Article	IF	Citations
1	Mesoporous SBA-15 HPLC evaluation for controlled gentamicin drug delivery. Journal of Controlled Release, 2004, 97, 125-132.	9.9	350
2	Functionalization of mesoporous materials with long alkyl chains as a strategy for controlling drug delivery pattern. Journal of Materials Chemistry, 2006, 16, 462-466.	6.7	302
3	Release evaluation of drugs from ordered three-dimensional silica structures. European Journal of Pharmaceutical Sciences, 2005, 26, 365-373.	4.0	200
4	Tissue regeneration: A new property of mesoporous materials. Solid State Sciences, 2005, 7, 983-989.	3.2	186
5	Hexagonal ordered mesoporous material as a matrix for the controlled release of amoxicillin. Solid State Ionics, 2004, 172, 435-439.	2.7	180
6	Influence of mesoporous structure type on the controlled delivery of drugs: release of ibuprofen from MCM-48, SBA-15 and functionalized SBA-15. Journal of Sol-Gel Science and Technology, 2009, 50, 421-429.	2.4	136
7	Long term degradation of poly(É›-caprolactone) films in biologically related fluids. Polymer Degradation and Stability, 2006, 91, 1424-1432.	5.8	134
8	The osteoinductive properties of mesoporous silicate coated with osteostatin in a rabbit femur cavity defect model. Biomaterials, 2010, 31, 8564-8573.	11.4	87
9	Osteostatin-loaded bioceramics stimulate osteoblastic growth and differentiation. Acta Biomaterialia, 2010, 6, 797-803.	8.3	85
10	Calcium sulphate-based cements containing cephalexin. Biomaterials, 2004, 25, 2629-2635.	11.4	76
11	Multifunctional pH sensitive 3D scaffolds for treatment and prevention of bone infection. Acta Biomaterialia, 2018, 65, 450-461.	8.3	68
12	Osteostatin-loaded onto mesoporous ceramics improves the early phase of bone regeneration in a rabbit osteopenia model. Acta Biomaterialia, 2012, 8, 2317-2323.	8.3	51
13	Bioactivity and mechanical properties of SiO2â€“CaOâ€“P2O5glass-ceramics. Journal of Materials Chemistry, 2005, 15, 1353-1359.	6.7	49
14	Usefulness of SBA-15 mesoporous ceramics as a delivery system for vancomycin, rifampicin and linezolid: a preliminary report. International Journal of Antimicrobial Agents, 2012, 40, 252-256.	2.5	48
15	Drug release from ordered mesoporous silicas. Current Pharmaceutical Design, 2015, 21, 6213-6819.	1.9	43
16	An optimized Î²-tricalcium phosphate and agarose scaffold fabrication technique. Journal of Biomedical Materials Research - Part A, 2008, 84A, 99-107.	4.0	42
17	Mesoporous silica nanoparticles as a new carrier methodology in the controlled release of the active components in a polypill. European Journal of Pharmaceutical Sciences, 2017, 97, 1-8.	4.0	42
18	A rational explanation of the vancomycin release from SBA-15 and its derivative by molecular modelling. Microporous and Mesoporous Materials, 2010, 132, 559-566.	4.4	41

#	Article	IF	Citations
19	A molecular model to explain the controlled release from SBA-15 functionalized with APTES. Microporous and Mesoporous Materials, 2014, 195, 43-49.	4.4	41
20	Tailoring hierarchical mesoâ€“macroporous 3D scaffolds: from nano to macro. Journal of Materials Chemistry B, 2014, 2, 49-58.	5.8	35
21	Preparation, characterization, andin vitro release of Ibuprofen from Al2O3/PLA/PMMA composites. , 1998, 39, 423-428.		34
22	Bacterial adherence to SiO₂â€based multifunctional bioceramics. Journal of Biomedical Materials Research - Part A, 2009, 89A, 215-223.	4.0	22
23	Antibacterial effect of antibiotic-loaded SBA-15 on biofilm formation by Staphylococcus aureus and Staphylococcus epidermidis. Journal of Antibiotics, 2017, 70, 259-263.	2.0	10
24	Binding of Pt-pentamidine to nucleosomal DNA. Studies of the antiproliferative activity of the drug against human cancer cells. Chemico-Biological Interactions, 1993, 89, 61-72.	4.0	6