

# J J Sousa

## List of Publications by Year in descending order

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27  
papers

1,502  
citations

331670

21  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1987  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of dissolution profiles of Ibuprofen pellets. <i>Journal of Controlled Release</i> , 2003, 89, 199-212.	9.9	148
2	The size of solid lipid nanoparticles: An interpretation from experimental design. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 84, 117-130.	5.0	134
3	Influence of cellulose ether polymers on ketoprofen release from hydrophilic matrix tablets. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 58, 51-59.	4.3	127
4	Films based on chitosan polyelectrolyte complexes for skin drug delivery: Development and characterization. <i>Journal of Membrane Science</i> , 2008, 320, 268-279.	8.2	117
5	Co-encapsulating nanostructured lipid carriers for transdermal application: From experimental design to the molecular detail. <i>Journal of Controlled Release</i> , 2013, 167, 301-314.	9.9	113
6	Aggregation and gelation in hydroxypropylmethyl cellulose aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2008, 327, 333-340.	9.4	109
7	Passive and active strategies for transdermal delivery using co-encapsulating nanostructured lipid carriers: In vitro vs. in vivo studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 133-144.	4.3	91
8	Factors influencing the physical characteristics of pellets obtained by extrusion-spheronization. <i>International Journal of Pharmaceutics</i> , 2002, 232, 91-106.	5.2	84
9	Conformational study of ketoprofen by combined DFT calculations and Raman spectroscopy. <i>International Journal of Pharmaceutics</i> , 2006, 307, 56-65.	5.2	70
10	In vivo friction study of human skin: Influence of moisturizers on different anatomical sites. <i>Wear</i> , 2007, 263, 1044-1049.	3.1	50
11	The influence of core materials and film coating on the drug release from coated pellets. <i>International Journal of Pharmaceutics</i> , 2002, 233, 111-122.	5.2	49
12	New insights on the interaction between hydroxypropylmethyl cellulose and sodium dodecyl sulfate. <i>Carbohydrate Polymers</i> , 2011, 86, 35-44.	10.2	41
13	Study of human stratum corneum and extracted lipids by thermomicroscopy and DSC. <i>Chemistry and Physics of Lipids</i> , 2006, 140, 36-47.	3.2	40
14	Thermal Behaviour of Human Stratum Corneum. <i>Skin Pharmacology and Physiology</i> , 2006, 19, 132-139.	2.5	37
15	Influence of Cellulose Ether Mixtures on Ibuprofen Release: MC25, HPC and HPMC K100M. <i>Pharmaceutical Development and Technology</i> , 2006, 11, 213-228.	2.4	36
16	Analysis of formulation effects in the dissolution of ibuprofen pellets. <i>International Journal of Pharmaceutics</i> , 2004, 270, 9-19.	5.2	35
17	Role of Cellulose Ether Polymers on Ibuprofen Release from Matrix Tablets. <i>Drug Development and Industrial Pharmacy</i> , 2005, 31, 653-665.	2.0	33
18	Influence of process conditions on drug release from pellets. <i>International Journal of Pharmaceutics</i> , 1996, 144, 159-169.	5.2	30

#	ARTICLE	IF	CITATIONS
19	A combination of nonionic surfactants and iontophoresis to enhance the transdermal drug delivery of ondansetron HCl and diltiazem HCl. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 663-673.	4.3	30
20	Expanding Transdermal Delivery with Lipid Nanoparticles: A New Drug-in-NLC-in-Adhesive Design. <i>Molecular Pharmaceutics</i> , 2017, 14, 2099-2115.	4.6	28
21	Can lipid nanoparticles improve intestinal absorption?. <i>International Journal of Pharmaceutics</i> , 2016, 515, 69-83.	5.2	24
22	Compatibility Studies Between Ibuprofen or Ketoprofen with Cellulose Ether Polymer Mixtures Using Thermal Analysis. <i>Drug Development and Industrial Pharmacy</i> , 2005, 31, 943-949.	2.0	20
23	Structure Activity Relationships in Alkylammonium C12-Gemini Surfactants Used as Dermal Permeation Enhancers. <i>AAPS Journal</i> , 2013, 15, 1119-1127.	4.4	19
24	A rapid reversed-phase HPLC method for the simultaneous analysis of olanzapine and simvastatin in dual nanostructured lipid carriers. <i>Analytical Methods</i> , 2013, 5, 5058.	2.7	14
25	DEVELOPMENT AND VALIDATION OF AN HPLC METHOD FOR SIMULTANEOUS DETERMINATION OF CIS- AND TRANS- PERMETHRIN AND PIPERONYL BUTOXIDE IN PHARMACEUTICAL DOSAGE FORMS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1999, 22, 1867-1876.	1.0	10
26	<i>In vitro</i> release of ketoprofen from hydrophilic matrix tablets containing cellulose polymer mixtures. <i>Drug Development and Industrial Pharmacy</i> , 2013, 39, 1651-1662.	2.0	10
27	Gamma scintigraphy in the analysis of ketoprofen behaviour from matrix tablets. <i>International Journal of Pharmaceutics</i> , 2013, 448, 298-304.	5.2	3