Manuel Coelho

List of Publications by Year
in descending order

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Version: 2024-02-01

50 papers	2,030 citations	236612 25 h-index	233125 45 g-index
50 all docs	50 docs citations	50 times ranked	3267 citing authors

#	Article	IF	Citations
1	Microencapsulation of essential oils with biodegradable polymeric carriers for cosmetic applications. Chemical Engineering Journal, 2014, 245, 191-200.	6.6	253
2	Resveratrol and Grape Extract-loaded Solid Lipid Nanoparticles for the Treatment of Alzheimerâ€™s Disease. Molecules, 2017, 22, 277.	1.7	222
3	Cellular uptake of PLGA nanoparticles targeted with anti-amyloid and anti-transferrin receptor antibodies for Alzheimerâ€™s disease treatment. Colloids and Surfaces B: Biointerfaces, 2016, 145, 8-13.	2.5	140
4	Epigallocatechin gallate-loaded polysaccharide nanoparticles for prostate cancer chemoprevention. Nanomedicine, 2011, 6, 79-87.	1.7	108
5	Influence of fluorinated and hydrogenated nanoparticles on the structure and fibrillogenesis of amyloid beta-peptide. Biophysical Chemistry, 2008, 137, 35-42.	1.5	106
6	Gas transfer in supported films made by molecular self-assembly of ionic polymers. Thin Solid Films, 1996, 284-285, 708-712.	0.8	95
7	Targeting nanoparticles across the bloodâ€“brain barrier with monoclonal antibodies. Nanomedicine, 2014, 9, 709-722.	1.7	79
8	Preservation of catechin antioxidant properties loaded in carbohydrate nanoparticles. Carbohydrate Polymers, 2011, 86, 147-153.	5.1	75
9	Transferrin surface-modified PLGA nanoparticles-mediated delivery of a proteasome inhibitor to human pancreatic cancer cells. Journal of Biomedical Materials Research - Part A, 2015, 103, 1476-1484.	2.1	55
10	Adsorption and Diffusion of Plasma Proteins on Hydrophilic and Hydrophobic Surfaces: Effect of Trifluoroethanol on Protein Structure. Langmuir, 2009, 25, 9879-9886.	1.6	52
11	Dual ligand immunoliposomes for drug delivery to the brain. Colloids and Surfaces B: Biointerfaces, 2015, 134, 213-219.	2.5	52
12	Design and biological activity of Î²-sheet breaker peptide conjugates. Biochemical and Biophysical Research Communications, 2009, 380, 397-401.	1.0	45
13	Fluorinated beta-sheet breaker peptides. Journal of Materials Chemistry B, 2014, 2, 2259-2264.	2.9	44
14	Lipid/particle assemblies based on maltodextrinâ€“gum arabic core as bio-carriers. Colloids and Surfaces B: Biointerfaces, 2010, 76, 449-455.	2.5	43
15	Controlling Amyloidâ€Î²2 Peptide(1â€“42) Oligomerization and Toxicity by Fluorinated Nanoparticles. ChemBioChem, 2010, 11, 1905-1913.	1.3	42
16	PLGA nanoparticles as a platform for vitamin D-based cancer therapy. Beilstein Journal of Nanotechnology, 2015, 6, 1306-1318.	1.5	42
17	Transferrin Receptor-Targeted Nanocarriers: Overcoming Barriers to Treat Glioblastoma. Pharmaceutics, 2022, 14, 279.	2.0	39
18	Human Serum Albumin on Fluorinated Surfaces. Langmuir, 2003, 19, 7544-7550.	1.6	38

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19	Factorial Design as a Tool for the Optimization of PLGA Nanoparticles for the Co-Delivery of Temozolomide and O6-Benzylguanine. Pharmaceutics, 2019, 11, 401.	2.0	38
20	Randomization of Amyloidâ€Î²â€Peptide(1â€42) Conformation by Sulfonated and Sulfated Nanoparticles Reduces Aggregation and Cytotoxicity. Macromolecular Bioscience, 2010, 10, 1152-1163.	2.1	35
21	Nanostructure of polysaccharide complexes. Journal of Colloid and Interface Science, 2011, 363, 450-455.	5.0	34
22	NMR structural analysis of epigallocatechin gallate loaded polysaccharide nanoparticles. Carbohydrate Polymers, 2010, 82, 861-866.	5.1	30
23	Structural characterization of functionalized gold nanoparticles for drug delivery in cancer therapy: a NMR based approach. Physical Chemistry Chemical Physics, 2015, 17, 18971-18979.	1.3	30
24	Functionalized gold nanoparticles improve afatinib delivery into cancer cells. Expert Opinion on Drug Delivery, 2016, 13, 133-141.	2.4	30
25	Gold nanoparticle delivery-enhanced proteasome inhibitor effect in adenocarcinoma cells. Expert Opinion on Drug Delivery, 2013, 10, 1345-1352.	2.4	26
26	Supramolecular nanoscale assemblies for cancer diagnosis and therapy. Journal of Controlled Release, 2015, 213, 152-167.	4.8	26
27	Development of Parvifloron D-loaded Smart Nanoparticles to Target Pancreatic Cancer. Pharmaceutics, 2018, 10, 216.	2.0	26
28	Application of feedforward artificial neural networks to improve process control of PID-based control algorithms. Computers and Chemical Engineering, 2000, 24, 853-858.	2.0	21
29	Gas transfer in supported Langmuir-Blodgett films of polymeric lipids. Thin Solid Films, 1989, 180, 241-248.	0.8	19
30	Doxorubicin and Varlitinib Delivery by Functionalized Gold Nanoparticles Against Human Pancreatic Adenocarcinoma. Pharmaceutics, 2019, 11, 551.	2.0	19
31	Immunoliposomes doubly targeted to transferrin receptor and to Î±-synuclein. Future Science OA, 2015, 1, FSO71.	0.9	18
32	Enhancing the efficiency of bortezomib conjugated to pegylated gold nanoparticles: an in vitro study on human pancreatic cancer cells and adenocarcinoma human lung alveolar basal epithelial cells. Expert Opinion on Drug Delivery, 2016, 13, 1075-1081.	2.4	17
33	Analyzing PEGylation through Molecular Dynamics Simulations. ChemistrySelect, 2018, 3, 8415-8427.	0.7	14
34	Gold Nanoparticles for Targeting Varlitinib to Human Pancreatic Cancer Cells. Pharmaceutics, 2018, 10, 91.	2.0	14
35	The Conformation of B18 Peptide in the Presence of Fluorinated and Alkylated Nanoparticles. ChemBioChem, 2005, 6, 280-283.	1.3	13
36	Enhancing Proteasome-Inhibitor Effect by Functionalized Gold Nanoparticles. Journal of Biomedical Nanotechnology, 2014, 10, 717-723.	0.5	13

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37	Interaction studies of amyloid beta-peptide with the natural compound resveratrol. , 2015, , .		10
38	Adsorption of the Fusogenic Peptide B18 onto Solid Surfaces:Â Insights into the Mechanism of Peptide Assembly. Langmuir, 2007, 23, 5022-5028.	1.6	9
39	Effects of heating on the molecular orientation of polymeric lipids. Thin Solid Films, 1989, 178, 227-232.	0.8	8
40	Two different approaches for RDC modelling when simulating a solvent deasphalting plant. Computers and Chemical Engineering, 2002, 26, 1369-1377.	2.0	8
41	Effect of shear stress on adhering polyelectrolyte capsules. Journal of Colloid and Interface Science, 2004, 280, 68-75.	5.0	8
42	Carbohydrate particles as protein carriers and scaffolds: physico-chemical characterization and collagen stability. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	8
43	Nanocarriers Based on Gold Nanoparticles for Epigallocatechin Gallate Delivery in Cancer Cells. Pharmaceutics, 2022, 14, 491.	2.0	8
44	Nanocapsules With Functionalized Surfaces and Walls. IEEE Transactions on Nanobioscience, 2004, 3, 3-5.	2.2	6
45	Pyranoflavylium Derivatives Extracted from Wine Grape as Photosensitizers in Solar Cells. Journal of the Brazilian Chemical Society, 2014, , .	0.6	5
46	Design of potential therapeutic peptides and carriers to inhibit amyloid β peptide aggregation. , 2012, , .		3
47	Encapsulation of a proteasome inhibitor with gold-polysaccharide nanocarriers. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	2
48	Simulation and optimisation of atmospheric and vacuum distillations of a lube plant. Computer Aided Chemical Engineering, 2000, 8, 361-365.	0.3	1
49	Delivery of biomolecules by functionalized inorganic nanoparticles. , 2012, , .		1
50	Functionalized gold nanoparticles for drug delivery. , 2013, , .		0