Minoo J Moghaddam

List of Publications by Year
in descending order

28 papers	801 citations	516710 16 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	1149 citing authors

#	Article	IF	Citations
1	Pancreatic adenocarcinoma preferentially takes up and is suppressed by synthetic nanoparticles carrying apolipoprotein A-II and a lipid gemcitabine prodrug in mice. Cancer Letters, 2020, 495, 112-122.	7.2	2
2	Biomimetic Gemcitabineâ€“Lipid Prodrug Nanoparticles for Pancreatic Cancer. ChemPlusChem, 2020, 85, 1283-1291.	2.8	12
3	Towards advanced paramagnetic nanoassemblies of highly ordered interior nanostructures as potential MRI contrast agents. New Journal of Chemistry, 2017, 41, 2735-2744.	2.8	4
4	Fast determination of the ¹H relaxivities of MRI contrast agents. Magnetic Resonance in Chemistry, 2016, 54, 58-61.	1.9	2
5	Apolipoprotein A-II Plus Lipid Emulsion Enhance Cell Growth via SR-B1 and Target Pancreatic Cancer In Vitro and In Vivo. PLoS ONE, 2016, 11, e0151475.	2.5	20
6	Gdâ€ÐTPAâ€Ðopamineâ€Bisphytanyl Amphiphile: Synthesis, Characterisation and Relaxation Parameters of the Nanoassemblies and Their Potential as MRI Contrast Agents. Chemistry - A European Journal, 2015, 21, 13950-13960.	3.3	12
7	Frontispiece: Gdâ€ÐTPAâ€Ðopamineâ€Bisphytanyl Amphiphile: Synthesis, Characterisation and Relaxation Parameters of the Nanoassemblies and Their Potential as MRI Contrast Agents. Chemistry - A European Journal, 2015, 21, .	3.3	0
8	Dipolar relaxation revisited: A complete derivation for the two spin case. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2015, 44, 74-113.	0.5	12
9	Nanocompartmentalization of Soft Materials with Three Mutually Immiscible Solvents: Synthesis and Self-Assembly of Three-Arm Star-Polyphiles. Chemistry of Materials, 2015, 27, 857-866.	6.7	8
10	Evaluation of Gd-DTPA-Monophytanyl and Phytantriol Nanoassemblies as Potential MRI Contrast Agents. Langmuir, 2015, 31, 1556-1563.	3.5	16
11	Nanoassemblies of Gdâ€“DTPAâ€“monooleyl and glycerol monooleate amphiphiles as potential MRI contrast agents. Journal of Materials Chemistry B, 2014, 2, 1225.	5.8	25
12	Gadolinium-DTPA amphiphile nanoassemblies: agents for magnetic resonance imaging and neutron capture therapy. Biomaterials Science, 2014, 2, 924-935.	5.4	24
13	High-Throughput Development of Amphiphile Self-Assembly Materials: Fast-Tracking Synthesis, Characterization, Formulation, Application, and Understanding. Accounts of Chemical Research, 2013, 46, 1497-1505.	15.6	47
14	Azide photochemistry for facile modification of graphitic surfaces: preparation of DNA-coated carbon nanotubes for biosensing. Nanotechnology, 2012, 23, 425503.	2.6	9
15	Chelating DTPA amphiphiles: ion-tunable self-assembly structures and gadolinium complexes. Physical Chemistry Chemical Physics, 2012, 14, 12854.	2.8	13
16	A novel lyotropic liquid crystal formed by triphilic star-polyphiles: hydrophilic/oleophilic/fluorophilic rods arranged in a 12.6.4. tiling. Physical Chemistry Chemical Physics, 2011, 13, 3139-3152.	2.8	36
17	Enhanced uptake of an integral membrane protein, the dopamine D2L receptor, by cubic nanostructured lipidnanoparticles doped with Ni(<scp>II</scp>) chelated EDTA amphiphiles. Soft Matter, 2011, 7, 567-578.	2.7	29
18	Nanostructured self-assembly materials from neat and aqueous solutions of C18 lipid pro-drug analogues of Capecitabineâ€”a chemotherapy agent. Focus on nanoparticulate cubosomesâ„¢ of the oleyl analogue. Soft Matter, 2011, 7, 5764.	2.7	18

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19	Nanostructured nanoparticles of self-assembled lipid pro-drugs as a route to improved chemotherapeutic agents. Nanoscale, 2011, 3, 919-924.	5.6	77
20	Lyotropic Liquid Crystalline Self-Assembly Material Behavior and Nanoparticulate Dispersions of a Phytanyl Pro-Drug Analogue of Capecitabineâˆ'A Chemotherapy Agent. ACS Applied Materials & Interfaces, 2011, 3, 1552-1561.	8.0	38
21	Chelating oleyl-EDTA amphiphiles: self-assembly, colloidal particles, complexation with paramagnetic metal ions and promise as magnetic resonance imaging contrast agents. Soft Matter, 2011, 7, 10994.	2.7	31
22	Lamellar crystalline self-assembly behaviour and solid lipid nanoparticles of a palmityl prodrug analogue of Capecitabineâ€"A chemotherapy agent. Colloids and Surfaces B: Biointerfaces, 2011, 85, 349-359.	5.0	27
23	Chelating phytanyl-EDTA amphiphiles: self-assembly and promise as contrast agents for medical imaging. Soft Matter, 2010, 6, 5915.	2.7	41
24	Single-walled carbon nanotubes with DNA recognition. Chemical Physics Letters, 2007, 443, 169-172.	2.6	24
25	Highly Efficient Binding of DNA on the Sidewalls and Tips of Carbon Nanotubes Using Photochemistry. Nano Letters, 2004, 4, 89-93.	9.1	209
26	The use of Tris-Lipidation to modify drug cytotoxicity in multidrug resistant cells expressing P-glycoprotein or MRP1. British Journal of Pharmacology, 2002, 137, 1280-1286.	5.4	8
27	Tris and the ready production of drug-fatty acyl conjugates. Drug Development Research, 1999, 46, 302-308.	2.9	14
28	A transfection compound series based on a versatile Tris linkage. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1417, 37-50.	2.6	43