

# Minoo J Moghaddam

## List of Publications by Year in descending order

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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	Highly Efficient Binding of DNA on the Sidewalls and Tips of Carbon Nanotubes Using Photochemistry. Nano Letters, 2004, 4, 89-93.	9.1	209
2	Nanostructured nanoparticles of self-assembled lipid pro-drugs as a route to improved chemotherapeutic agents. Nanoscale, 2011, 3, 919-924.	5.6	77
3	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
4	A transfection compound series based on a versatile Tris linkage. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1417, 37-50.	2.6	43
5	Chelating phytanyl-EDTA amphiphiles: self-assembly and promise as contrast agents for medical imaging. Soft Matter, 2010, 6, 5915.	2.7	41
6	Lyotropic Liquid Crystalline Self-Assembly Material Behavior and Nanoparticulate Dispersions of a Phytanyl Pro-Drug Analogue of Capecitabine—A Chemotherapy Agent. ACS Applied Materials & Interfaces, 2011, 3, 1552-1561.	8.0	38
7	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
8	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
9	Enhanced uptake of an integral membrane protein, the dopamine D2L receptor, by cubic nanostructured lipid nanoparticles doped with Ni(II) chelated EDTA amphiphiles. Soft Matter, 2011, 7, 567-578.	2.7	29
10	Lamellar crystalline self-assembly behaviour and solid lipid nanoparticles of a palmityl prodrug analogue of Capecitabine—A chemotherapy agent. Colloids and Surfaces B: Biointerfaces, 2011, 85, 349-359.	5.0	27
11	Nanoassemblies of Gd—DTPA—monooleyl and glycerol monooleate amphiphiles as potential MRI contrast agents. Journal of Materials Chemistry B, 2014, 2, 1225.	5.8	25
12	Single-walled carbon nanotubes with DNA recognition. Chemical Physics Letters, 2007, 443, 169-172.	2.6	24
13	Gadolinium-DTPA amphiphile nanoassemblies: agents for magnetic resonance imaging and neutron capture therapy. Biomaterials Science, 2014, 2, 924-935.	5.4	24
14	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
15	Nanostructured self-assembly materials from neat and aqueous solutions of C18 lipid pro-drug analogues of Capecitabine—a chemotherapy agent. Focus on nanoparticulate cubosomes, of the oleyl analogue. Soft Matter, 2011, 7, 5764.	2.7	18
16	Evaluation of Gd-DTPA-Monophytanyl and Phytantriol Nanoassemblies as Potential MRI Contrast Agents. Langmuir, 2015, 31, 1556-1563.	3.5	16
17	Tris and the ready production of drug-fatty acyl conjugates. Drug Development Research, 1999, 46, 302-308.	2.9	14
18	Chelating DTPA amphiphiles: ion-tunable self-assembly structures and gadolinium complexes. Physical Chemistry Chemical Physics, 2012, 14, 12854.	2.8	13

#	ARTICLE	IF	CITATIONS
19	Gd <sup>3+</sup> DTPA-Bisphytanyl Amphiphile: Synthesis, Characterisation and Relaxation Parameters of the Nanoassemblies and Their Potential as MRI Contrast Agents. <i>Chemistry - A European Journal</i> , 2015, 21, 13950-13960.	3.3	12
20	Dipolar relaxation revisited: A complete derivation for the two spin case. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2015, 44, 74-113.	0.5	12
21	Biomimetic Gemcitabine-Lipid Prodrug Nanoparticles for Pancreatic Cancer. <i>ChemPlusChem</i> , 2020, 85, 1283-1291.	2.8	12
22	Azide photochemistry for facile modification of graphitic surfaces: preparation of DNA-coated carbon nanotubes for biosensing. <i>Nanotechnology</i> , 2012, 23, 425503.	2.6	9
23	The use of Tris-Lipidation to modify drug cytotoxicity in multidrug resistant cells expressing P-glycoprotein or MRP1. <i>British Journal of Pharmacology</i> , 2002, 137, 1280-1286.	5.4	8
24	Nanocompartmentalization of Soft Materials with Three Mutually Immiscible Solvents: Synthesis and Self-Assembly of Three-Arm Star-Polyphiles. <i>Chemistry of Materials</i> , 2015, 27, 857-866.	6.7	8
25	Towards advanced paramagnetic nanoassemblies of highly ordered interior nanostructures as potential MRI contrast agents. <i>New Journal of Chemistry</i> , 2017, 41, 2735-2744.	2.8	4
26	Fast determination of the <sup>1</sup> H relaxivities of MRI contrast agents. <i>Magnetic Resonance in Chemistry</i> , 2016, 54, 58-61.	1.9	2
27	Pancreatic adenocarcinoma preferentially takes up and is suppressed by synthetic nanoparticles carrying apolipoprotein A-II and a lipid gemcitabine prodrug in mice. <i>Cancer Letters</i> , 2020, 495, 112-122.	7.2	2
28	Frontispiece: Gd <sup>3+</sup> DTPA-Bisphytanyl Amphiphile: Synthesis, Characterisation and Relaxation Parameters of the Nanoassemblies and Their Potential as MRI Contrast Agents. <i>Chemistry - A European Journal</i> , 2015, 21, .	3.3	0