

Maya Thanou

List of Publications by Year in descending order

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43
papers

2,470
citations

331670

21
h-index

315739

38
g-index

45
all docs

45
docs citations

45
times ranked

4398
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase-shift nanodroplets as an emerging sonoresponsive nanomaterial for imaging and drug delivery applications. <i>Nanoscale</i> , 2022, 14, 2943-2965.	5.6	24
2	Of devices and drugs – Ingestible bots for diagnosis and therapy. <i>Advanced Drug Delivery Reviews</i> , 2022, 183, 114174.	13.7	0
3	Nanomaterials responding to microwaves: an emerging field for imaging and therapy. <i>Nanoscale Advances</i> , 2021, 3, 3417-3429.	4.6	6
4	MR-labelled liposomes and focused ultrasound for spatiotemporally controlled drug release in triple negative breast cancers in mice. <i>Nanotheranostics</i> , 2021, 5, 125-142.	5.2	18
5	Image-guided thermosensitive liposomes for focused ultrasound enhanced co-delivery of carboplatin and SN-38 against triple negative breast cancer in mice. <i>Biomaterials</i> , 2021, 271, 120758.	11.4	25
6	Calcium phosphate nanoparticles for potential application as enamel remineralising agent tested on hydroxyapatite discs. <i>Nanoscale</i> , 2021, 13, 20002-20012.	5.6	7
7	Exploiting disease-induced changes for targeted oral delivery of biologics and nanomedicines in inflammatory bowel disease. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 155, 128-138.	4.3	14
8	Assessing Changes in Dielectric Properties Due to Nanomaterials Using a Two-Port Microwave System. <i>Sensors</i> , 2020, 20, 6228.	3.8	3
9	Emerging nanomaterials for dental treatments. <i>Emerging Topics in Life Sciences</i> , 2020, 4, 613-625.	2.6	19
10	Thermosensitive Liposome-Mediated Drug Delivery in Chemotherapy: Mathematical Modelling for Spatio-temporal Drug Distribution and Model-Based Optimisation. <i>Pharmaceutics</i> , 2019, 11, 637.	4.5	10
11	Design of Nanoparticles for Focused Ultrasound Drug Delivery. , 2019, , 205-239.		3
12	Image-guided thermosensitive liposomes for focused ultrasound drug delivery: Using NIRF-labelled lipids and topotecan to visualise the effects of hyperthermia in tumours. <i>Journal of Controlled Release</i> , 2018, 280, 87-98.	9.9	66
13	Zinc oxide nanoparticles as contrast-enhancing agents for microwave imaging. <i>Medical Physics</i> , 2018, 45, 3820-3830.	3.0	17
14	Recent advances in oral delivery of biologics: nanomedicine and physical modes of delivery. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 759-770.	5.0	54
15	Cytotoxicity of polycations: Relationship of molecular weight and the hydrolytic theory of the mechanism of toxicity. <i>International Journal of Pharmaceutics</i> , 2017, 521, 249-258.	5.2	153
16	Characterisation of ZnO NPs as contrast agents for MWI. , 2017, , .		2
17	Focused ultrasound induced hyperthermia accelerates and increases the uptake of anti-HER-2 antibodies in a xenograft model. <i>Pharmacological Research</i> , 2016, 114, 144-151.	7.1	16
18	Hydrophobin-Encapsulated Quantum Dots. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4887-4893.	8.0	15

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19	Thermosensitive, Near-Infrared-Labeled Nanoparticles for Topotecan Delivery to Tumors. <i>Molecular Pharmaceutics</i> , 2015, 12, 1335-1346.	4.6	25
20	Improved Synthesis of Linear Poly(ethylenimine) via Low-Temperature Polymerization of 2-Isopropyl-2-oxazoline in Chlorobenzene. <i>Macromolecules</i> , 2015, 48, 3197-3206.	4.8	34
21	Magnetic Nanoparticles: general discussion. <i>Faraday Discussions</i> , 2014, 175, 113-135.	3.2	0
22	The Kinase LMTK3 Promotes Invasion in Breast Cancer Through GRB2-Mediated Induction of Integrin $\beta 1$. <i>Science Signaling</i> , 2014, 7, ra58.	3.6	32
23	Three bisphosphonate ligands improve the water solubility of quantum dots. <i>Faraday Discussions</i> , 2014, 175, 153-169.	3.2	5
24	Other Nanoparticles: general discussion. <i>Faraday Discussions</i> , 2014, 175, 289-303.	3.2	0
25	Optical nanoparticles: general discussion. <i>Faraday Discussions</i> , 2014, 175, 215-227.	3.2	0
26	Gd-containing conjugated polymer nanoparticles: bimodal nanoparticles for fluorescence and MRI imaging. <i>Nanoscale</i> , 2014, 6, 8376-8386.	5.6	48
27	Enzyme-triggered PEGylated siRNA-nanoparticles for controlled release of siRNA. <i>Journal of RNAi and Gene Silencing</i> , 2014, 10, 490-9.	1.2	13
28	Examination of the effect of increasing the number of intra-disulfide amino functional groups on the performance of small molecule cyclic polyamine disulfide vectors. <i>Journal of Controlled Release</i> , 2013, 171, 81-90.	9.9	28
29	pH-Triggered Nanoparticle Mediated Delivery of siRNA to Liver Cells in Vitro and in Vivo. <i>Bioconjugate Chemistry</i> , 2013, 24, 314-332.	3.6	40
30	Effect of surface charge and ligand organization on the specific cell-uptake of uPAR-targeted nanoparticles. <i>Journal of Drug Targeting</i> , 2013, 21, 684-692.	4.4	16
31	Enzyme-Triggered PEGylated pDNA-Nanoparticles for Controlled Release of pDNA in Tumors. <i>Bioconjugate Chemistry</i> , 2013, 24, 343-362.	3.6	25
32	MRI-Guided Focused Ultrasound as a New Method of Drug Delivery. <i>Journal of Drug Delivery</i> , 2013, 2013, 1-12.	2.5	38
33	Chitin and Chitosan: Sources, Production and Medical Applications. <i>RSC Polymer Chemistry Series</i> , 2011, , 292-318.	0.2	24
34	Post-coupling strategy enables true receptor-targeted nanoparticles. <i>Journal of RNAi and Gene Silencing</i> , 2011, 7, 449-55.	1.2	3
35	DODAG; a versatile new cationic lipid that mediates efficient delivery of pDNA and siRNA. <i>Journal of Controlled Release</i> , 2010, 143, 222-232.	9.9	93
36	Targeting nanoparticles to cancer. <i>Pharmacological Research</i> , 2010, 62, 90-99.	7.1	775

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37	Bioresponsive Small Molecule Polyamines as Noncytotoxic Alternative to Polyethylenimine. <i>Molecular Pharmaceutics</i> , 2010, 7, 2040-2055.	4.6	24
38	Controlling HBV Replication <i>in Vivo</i> by Intravenous Administration of Triggered PEGylated siRNA-Nanoparticles. <i>Molecular Pharmaceutics</i> , 2009, 6, 706-717.	4.6	112
39	Targeting the Urokinase Plasminogen Activator Receptor with Synthetic Self-Assembly Nanoparticles. <i>Bioconjugate Chemistry</i> , 2009, 20, 32-40.	3.6	53
40	Folate Receptor Targeted Bimodal Liposomes for Tumor Magnetic Resonance Imaging. <i>Bioconjugate Chemistry</i> , 2009, 20, 648-655.	3.6	126
41	Enhanced Fluid Flow through Nanoscale Carbon Pipes. <i>Nano Letters</i> , 2008, 8, 2632-2637.	9.1	312
42	Enhancement of bronchial octreotide absorption by chitosan and N-trimethyl chitosan shows linear <i>in vitro/in vivo</i> correlation. <i>Journal of Controlled Release</i> , 2006, 110, 353-361.	9.9	114
43	Intestinal absorption of octreotide using trimethyl chitosan chloride: studies in pigs. <i>Pharmaceutical Research</i> , 2001, 18, 823-828.	3.5	76