

Robert Lam

List of Publications by Year in descending order

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18
papers

2,413
citations

623734

14
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

2769
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanodiamond therapeutic complexes embedded within poly(ethylene glycol) diacrylate hydrogels mediating sequential drug elution. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012, 209, 1811-1818.	1.8	17
2	Strategy for Increasing Drug Solubility and Efficacy through Covalent Attachment to Polyvalent DNA Nanoparticle Conjugates. <i>ACS Nano</i> , 2011, 5, 6962-6970.	14.6	114
3	Nanodiamond Therapeutic Delivery Agents Mediate Enhanced Chemoresistant Tumor Treatment. <i>Science Translational Medicine</i> , 2011, 3, 73ra21.	12.4	484
4	Atomistic Simulation and Measurement of pH Dependent Cancer Therapeutic Interactions with Nanodiamond Carrier. <i>Molecular Pharmaceutics</i> , 2011, 8, 368-374.	4.6	117
5	Multimodal Nanodiamond Drug Delivery Carriers for Selective Targeting, Imaging, and Enhanced Chemotherapeutic Efficacy. <i>Advanced Materials</i> , 2011, 23, 4770-4775.	21.0	216
6	Design of Nanodiamond Based Drug Delivery Patch for Cancer Therapeutics and Imaging Applications. , 2010, , 249-284.		2
7	Nanodiamond Vectors Functionalized with Polyethylenimine for siRNA Delivery. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3167-3171.	4.6	146
8	Gold nanoparticle-mediated detection of melamine based on a dual colorimetric and turbidometric readouts. , 2010, , .		2
9	Microfluidic Platforms for Nanoparticle Delivery and Nanomanufacturing in Biology and Medicine. , 2010, , 225-234.		1
10	Nanodiamond-insulin complexes as pH-dependent protein delivery vehicles. <i>Biomaterials</i> , 2009, 30, 5720-5728.	11.4	248
11	Nanofountain Probe-Based High-Resolution Patterning and Single-Cell Injection of Functionalized Nanodiamonds. <i>Small</i> , 2009, 5, 1667-1674.	10.0	74
12	Ultrananocrystalline Diamond Thin Films Functionalized with Therapeutically Active Collagen Networks. <i>Journal of Physical Chemistry B</i> , 2009, 113, 2966-2971.	2.6	31
13	Nanodiamond-Mediated Delivery of Water-Insoluble Therapeutics. <i>ACS Nano</i> , 2009, 3, 2016-2022.	14.6	293
14	Nanodiamonds as vehicles for systemic and localized drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 883-895.	5.0	84
15	Polymer-Functionalized Nanodiamond Platforms as Vehicles for Gene Delivery. <i>ACS Nano</i> , 2009, 3, 2609-2616.	14.6	362
16	Nanodiamond-Embedded Microfilm Devices for Localized Chemotherapeutic Elution. <i>ACS Nano</i> , 2008, 2, 2095-2102.	14.6	181
17	Nanoscale architectural tuning of parylene patch devices to control therapeutic release rates. <i>Nanotechnology</i> , 2008, 19, 445104.	2.6	27
18	Localized Therapeutic Release via an Amine-Functionalized Poly- <i>p</i> -xylene Microfilm Device. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11451-11455.	2.6	14