

Timothy J Merkel

List of Publications by Year in descending order

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16
papers

2,992
citations

516215

16
h-index

940134

16
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17
all docs

17
docs citations

17
times ranked

5685
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual bioluminescence and near-infrared fluorescence monitoring to evaluate spherical nucleic acid nanoconjugate activity in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4129-4134.	3.3	45
2	Relationships between Poly(ethylene glycol) Modifications on RNA-Spherical Nucleic Acid Conjugates and Cellular Uptake and Circulation Time. Bioconjugate Chemistry, 2016, 27, 2715-2721.	1.8	25
3	Nanoscale Printing. , 2016, , 2684-2692.		0
4	Biocompatible Infinite-Coordination-Polymer Nanoparticle-Nucleic Acid Conjugates for Antisense Gene Regulation. Angewandte Chemie - International Edition, 2015, 54, 476-480.	7.2	55
5	Immunomodulatory spherical nucleic acids. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3892-3897.	3.3	205
6	miR-182 integrates apoptosis, growth, and differentiation programs in glioblastoma. Genes and Development, 2015, 29, 732-745.	2.7	182
7	Nanoparticle Probes for the Detection of Cancer Biomarkers, Cells, and Tissues by Fluorescence. Chemical Reviews, 2015, 115, 10530-10574.	23.0	864
8	Spherical Nucleic Acid Nanoparticle Conjugates as an RNAi-Based Therapy for Glioblastoma. Science Translational Medicine, 2013, 5, 209ra152.	5.8	478
9	Low Modulus Biomimetic Microgel Particles with High Loading of Hemoglobin. Biomacromolecules, 2012, 13, 2748-2759.	2.6	79
10	Effect of Aspect Ratio and Deformability on Nanoparticle Extravasation through Nanopores. Langmuir, 2012, 28, 8773-8781.	1.6	60
11	The effect of particle size on the biodistribution of low-modulus hydrogel PRINT particles. Journal of Controlled Release, 2012, 162, 37-44.	4.8	100
12	Generation of a Library of Particles Having Controlled Sizes and Shapes via the Mechanical Elongation of Master Templates. Langmuir, 2011, 27, 524-528.	1.6	36
13	Dodging Drug-Resistant Cancer with Diamonds. Science Translational Medicine, 2011, 3, 73ps8.	5.8	36
14	Using mechanobiological mimicry of red blood cells to extend circulation times of hydrogel microparticles. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 586-591.	3.3	489
15	Scalable, Shape-Specific, Top-Down Fabrication Methods for the Synthesis of Engineered Colloidal Particles. Langmuir, 2010, 26, 13086-13096.	1.6	202
16	One-Step Syntheses of Photocurable Polyesters Based on a Renewable Resource. Macromolecules, 2010, 43, 9660-9667.	2.2	110