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1.	Targeting and Regulating of an Oncogene via Nanovector Delivery of MicroRNA using Patient-Derived Tumor Xenografts Shuyang Sun, Yilong Wang, Rong Zhou, Zicheng Deng, Yong Han, Xiao Han, Wenjie Tao, Zi Yang, Chaoji Shi, Duo Hong, Jiang Li, Donglu Shi, and Z. Zhang <i>Theranostics</i> Vol. 7, Issue 3, p. 677 (2017)
2.	Photothermal effect on Fe <sub>3</sub> O <sub>4</sub> nanoparticles irradiated by white-light for energy-efficient window applications Yuan Zhao, M.E. Sadat, Andrew Dunn, Hong Xu, Chien-Hung Chen, Wagner Nakasuga, Rodney C. Ewing, Donglu Shi <i>Solar Energy Materials &amp; Solar Cells</i> 161 (2017) 247–254
3.	<i>In Situ</i> Synthesis of Graphene Oxide/Gold Nanorods Theranostic Hybrids for Efficient Tumor CT Imaging and Photothermal Therapy Bingmei Sun, Jinrui Wu, Shaobin Cui, Huanhuan Zhu, Wei An, Qingge Fu, Chengwei Shao, Aihua Yao, Bingdi Chen, Donglu Shi <i>Nano Research</i> 2017, Volume 10, Issue 1, pp 37–48
4.	Biomarkerless targeting and photothermal cancer cell killing by surface-electrically-charged superparamagnetic Fe <sub>3</sub> O <sub>4</sub> composite nanoparticles Xiao Han, Zicheng Deng, Zi Yang, Yilong Wang, Huanhuan Zhu, Bingdi Chen, Zheng Cui, Rodney C. Ewing and Donglu Shi <i>Nanoscale</i> 2017, <b>9</b> , 1457-1465
5.	Green Synthesis of Sub-10 nm Gadolinium-Based Nanoparticles for Sparkling Kidneys, Tumor, and Angiogenesis of Tumor-Bearing Mice in Magnetic Resonance Imaging Bingbo Zhang, Weitao Yang, Jiani Yu, Weisheng Guo, Jun Wang, Shiyuan Liu, Yi Xiao, and Donglu Shi <i>Adv. Healthcare Mater.</i> 2017, 1600865
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8.	A Graphene Quantum Dot (GQD) Nanosystem with Redox-Triggered Cleavable PEG Shell Facilitating Selective Activation of Photosensitizer for Photodynamic Therapy Yan Li, Zhiyong Wu, Dou Du, Haiqing Dong, Donglu Shi, and Yongyong Li <i>RSC Advances</i> 6, 6516-6522 (2016)
9.	Redox-mediated dissociation of PEG–polypeptide-based micelles for on-demand release of anticancer drugs Huiyun Wen, Haiqing Dong, Jie Liu, Aijun Shen, Yongyong Li and Donglu Shi <i>J. Mater. Chem. B</i> , 2016, 4, 7859
10.	In-vitro depth-dependent hyperthermia of human mammary gland adenocarcinoma Andrew W. Dunn, Yu Zhang, David Mast, Giovanni M. Pauletti, Hong Xu, Jiaming Zhang, Rodney C. Ewing, Donglu Shi

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11.	Drug loaded nanoparticle coating on totally bioresorbable PLLA stents to prevent in-stent restenosis Jian Zhao, Zhichao Mo, Fangfang Gu, Donglu Shi, Qian Qian Han, Qing Liu <i>J of Biomedical Materials Research Part. B</i> JBMR-B-16-0160.R1
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23.	<p>Nanospherical Surface-supported Seeded Growth of Au Nanowires: Investigation on A New Growth Mechanism and High-performance Hydrogen Peroxide Sensors Ying Li, Lianhai Zu, Guanglei Liu, Yao Qin, Donglu Shi, Jinhu Yang <i>Particle &amp; Particle Systems Characterization</i> (2015) 32 498-504</p>
24.	<p>Particle Systems for Stem Cell Applications Xiaowei Li, Xiaoyan Liu, Donglu Shi, Xuejun Wen <i>Journal of Biomedical Nanotechnology</i> (2015) 11 1107-1123</p>
25.	<p>Graphene-based nanovehicles for photodynamic medical therapy Yan Li, Haiqing Dong, Yongyong Li, Donglu Shi <i>International Journal of Nanomedicine</i> (2015) 10 2451-2459</p>
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27.	<p>Detection of Mycobacterium tuberculosis based on H<sub>37</sub>R<sub>v</sub> binding peptides using surface functionalized magnetic microspheres coupled with quantum dots – a nano detection method for Mycobacterium tuberculosis Hua Yang, Hui Ma, Yilong Wang, Bingbo Zhang, Lianhua Qin, Zhonghua Liu, Junmei Lu, Xiaochen Huang, Jie Wang, Donglu Shi, Zhongyi Hu <i>International Journal of Nanomedicine</i> (2015) 10 77-88</p>
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29.	<p>Preparation of Spherical Caged Superparamagnetic Nanocomposites with Completed Inorganic Shell via a Modified Miniemulsion Technology Tian Li, Xiao Han, Yilong Wang, Feng Wang, Donglu Shi <i>Colloids Surf Physicochem Eng Aspects</i> (2015) 477 84-89</p>
30.	<p>Historical and Practical Perspective of the Unique Surface Electrical Properties of Cancer Cells Dong Wang, Wen-ying Wang, Zheng Cui, Dong-lu Shi <i>Science Insights</i> 2015; 11(3):346-354</p>
31.	<p>Photoluminescence and photothermal effect of Fe<sub>3</sub>O<sub>4</sub> nanoparticles for medical imaging and therapy M. E. Sadat, Masoud Kaveh, Andrew W. Dunn, H. P. Wagner, Rodney Ewing, Jiaming Zhang, Hong Xu, Giovanni M Pauletti, David B. Mast, Donglu Shi <i>Applied Physics Letters</i>, 105, 091903 (2014)</p>
32.	<p>Three-dimensional graphitized carbon nanovesicles for high-performance supercapacitors based on ionic liquids Chengxin Peng, Zubiao Wen, Yao Qin, Lukas Schmidt-Mende, Chongzhong Li, Shihe Yang, Donglu Shi, and Jinhu Yang</p>

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