

Yu-Shen Lin

List of Publications by Year in descending order

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31
papers

6,711
citations

218677

26
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

10955
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-templated Silica Microparticles with Supported Lipid Bilayers as Artificial Antigen-presenting Cells for T Cell Activation. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801188.	7.6	38
2	Establishing the effects of mesoporous silica nanoparticle properties on in vivo disposition using imaging-based pharmacokinetics. <i>Nature Communications</i> , 2018, 9, 4551.	12.8	189
3	Understanding the Connection between Nanoparticle Uptake and Cancer Treatment Efficacy using Mathematical Modeling. <i>Scientific Reports</i> , 2018, 8, 7538.	3.3	49
4	Mesoporous Silica Nanoparticle-Supported Lipid Bilayers (Protocells) for Active Targeting and Delivery to Individual Leukemia Cells. <i>ACS Nano</i> , 2016, 10, 8325-8345.	14.6	180
5	Synthetic fossilization of soft biological tissues and their shape-preserving transformation into silica or electron-conductive replicas. <i>Nature Communications</i> , 2014, 5, 5665.	12.8	27
6	Porous Ice Phases with VI and Distorted VII Structures Constrained in Nanoporous Silica. <i>Nano Letters</i> , 2014, 14, 6554-6558.	9.1	11
7	High payload Gd(³⁺) encapsulated in hollow silica nanospheres for high resolution magnetic resonance imaging. <i>Journal of Materials Chemistry B</i> , 2013, 1, 639-645.	5.8	26
8	Re-examining the Size/Charge Paradigm: Differing in Vivo Characteristics of Size- and Charge-Matched Mesoporous Silica Nanoparticles. <i>Journal of the American Chemical Society</i> , 2013, 135, 16030-16033.	13.7	77
9	Effects of Mesoporous Silica Coating and Postsynthetic Treatment on the Transverse Relaxivity of Iron Oxide Nanoparticles. <i>Chemistry of Materials</i> , 2013, 25, 1968-1978.	6.7	35
10	Critical Considerations in the Biomedical Use of Mesoporous Silica Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 364-374.	4.6	177
11	Assessing Nanoparticle Toxicity. <i>Annual Review of Analytical Chemistry</i> , 2012, 5, 181-205.	5.4	309
12	On-Chip Evaluation of Shear Stress Effect on Cytotoxicity of Mesoporous Silica Nanoparticles. <i>Analytical Chemistry</i> , 2011, 83, 8377-8382.	6.5	75
13	Catalytic nano-rattle of Au@hollow silica: towards a poison-resistant nanocatalyst. <i>Journal of Materials Chemistry</i> , 2011, 21, 789-794.	6.7	175
14	Ultrastable, Redispersible, Small, and Highly Organomodified Mesoporous Silica Nanotherapeutics. <i>Journal of the American Chemical Society</i> , 2011, 133, 20444-20457.	13.7	135
15	Stability of small mesoporous silicananoparticles in biological media. <i>Chemical Communications</i> , 2011, 47, 532-534.	4.1	155
16	Cytotoxicity of Graphene Oxide and Graphene in Human Erythrocytes and Skin Fibroblasts. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 2607-2615.	8.0	1,206
17	The bench scientist's perspective on the unique considerations in nanoparticle regulation. <i>Journal of Nanoparticle Research</i> , 2011, 13, 1389-1400.	1.9	6
18	Impacts of Mesoporous Silica Nanoparticle Size, Pore Ordering, and Pore Integrity on Hemolytic Activity. <i>Journal of the American Chemical Society</i> , 2010, 132, 4834-4842.	13.7	720

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19	Functional Assessment of Metal Oxide Nanoparticle Toxicity in Immune Cells. <i>ACS Nano</i> , 2010, 4, 3363-3373.	14.6	155
20	In vitro Studies of Functionalized Mesoporous Silica Nanoparticles for Photodynamic Therapy. <i>Advanced Materials</i> , 2009, 21, 172-177.	21.0	196
21	Uniform Mesoporous Silica Hexagon and Its Two-Dimensional Colloidal Crystal. <i>ChemPhysChem</i> , 2009, 10, 2628-2632.	2.1	14
22	Synthesis of hollow silica nanospheres with a microemulsion as the template. <i>Chemical Communications</i> , 2009, , 3542.	4.1	156
23	Synthesis and Characterization of Biocompatible and Size-Tunable Multifunctional Porous Silica Nanoparticles. <i>Chemistry of Materials</i> , 2009, 21, 3979-3986.	6.7	345
24	Mesoporous Silica Nanoparticles Improve Magnetic Labeling Efficiency in Human Stem Cells. <i>Small</i> , 2008, 4, 619-626.	10.0	128
25	Multifunctional Mesoporous Silica Nanoparticles for Intracellular Labeling and Animal Magnetic Resonance Imaging Studies. <i>ChemBioChem</i> , 2008, 9, 53-57.	2.6	200
26	Multifunctional mesoporous silica nanoparticles as dual-mode imaging probes. <i>Studies in Surface Science and Catalysis</i> , 2007, , 1804-1810.	1.5	4
27	Bifunctional Magnetic Silica Nanoparticles for Highly Efficient Human Stem Cell Labeling. <i>Nano Letters</i> , 2007, 7, 149-154.	9.1	486
28	The effect of surface charge on the uptake and biological function of mesoporous silica nanoparticles in 3T3-L1 cells and human mesenchymal stem cells. <i>Biomaterials</i> , 2007, 28, 2959-2966.	11.4	561
29	Multifunctional Composite Nanoparticles: A Magnetic, Luminescent, and Mesoporous. <i>Chemistry of Materials</i> , 2006, 18, 5170-5172.	6.7	321
30	Well-Ordered Mesoporous Silica Nanoparticles as Cell Markers. <i>Chemistry of Materials</i> , 2005, 17, 4570-4573.	6.7	418
31	Gadolinium(III)-Incorporated Nanosized Mesoporous Silica as Potential Magnetic Resonance Imaging Contrast Agents. <i>Journal of Physical Chemistry B</i> , 2004, 108, 15608-15611.	2.6	137