

Michael A Luzuriaga

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

830
citations

623188

14
h-index

940134

16
g-index

42
all docs

42
docs citations

42
times ranked

1267
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable 3D printed polymer microneedles for transdermal drug delivery. <i>Lab on A Chip</i> , 2018, 18, 1223-1230.	3.1	219
2	Enhanced Stability and Controlled Delivery of MOF-Encapsulated Vaccines and Their Immunogenic Response In Vivo. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 9740-9746.	4.0	126
3	ZIF-8 degrades in cell media, serum, and some "but not all" common laboratory buffers. <i>Supramolecular Chemistry</i> , 2019, 31, 485-490.	1.5	100
4	Nitroxyl Modified Tobacco Mosaic Virus as a Metal-Free High-Relaxivity MRI and EPR Active Superoxide Sensor. <i>Molecular Pharmaceutics</i> , 2018, 15, 2973-2983.	2.3	39
5	Protein-Polymer Delivery: Chemistry from the Cold Chain to the Clinic. <i>Bioconjugate Chemistry</i> , 2018, 29, 2867-2883.	1.8	38
6	Metal-Organic Framework Encapsulated Whole-Cell Vaccines Enhance Humoral Immunity against Bacterial Infection. <i>ACS Nano</i> , 2021, 15, 17426-17438.	7.3	37
7	Supramolecular Encapsulation of Small-Ultrared Fluorescent Proteins in Virus-Like Nanoparticles for Noninvasive In Vivo Imaging Agents. <i>Bioconjugate Chemistry</i> , 2020, 31, 1529-1536.	1.8	35
8	Stabilization of supramolecular membrane protein-lipid bilayer assemblies through immobilization in a crystalline exoskeleton. <i>Nature Communications</i> , 2021, 12, 2202.	5.8	35
9	Supramolecular and biomacromolecular enhancement of metal-free magnetic resonance imaging contrast agents. <i>Chemical Science</i> , 2020, 11, 2045-2050.	3.7	34
10	Hierarchical Porous Carbon Arising from Metal-Organic Framework-Encapsulated Bacteria and Its Energy Storage Potential. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 11884-11889.	4.0	33
11	PhotothermalPhage: A Virus-Based Photothermal Therapeutic Agent. <i>Journal of the American Chemical Society</i> , 2021, 143, 16428-16438.	6.6	33
12	A biopolymer-based 3D printable hydrogel for toxic metal adsorption from water. <i>Polymer International</i> , 2019, 68, 964-971.	1.6	31
13	Rapidly Reversible Organic Crystalline Switch for Conversion of Heat into Mechanical Energy. <i>Journal of the American Chemical Society</i> , 2021, 143, 5951-5957.	6.6	29
14	The thermo-responsive behavior in molecular crystals of naphthalene diimides and their 3D printed thermochromic composites. <i>CrystEngComm</i> , 2018, 20, 6054-6060.	1.3	19
15	Biomaterials and nanomaterials for sustained release vaccine delivery. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1735.	3.3	14
16	Identification and physical characterization of a spontaneous mutation of the tobacco mosaic virus in the laboratory environment. <i>Scientific Reports</i> , 2021, 11, 15109.	1.6	5
17	Metal-Organic Framework Enhanced Cellular and Humoral Immune Response Against Sepsis Causing Infection. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 2031-2031.	0.0	0