Anna Cifuentes-Rius

List of Publications by Year
in descending order

29 papers	1,089 citations	393982 19 h-index	476904 29 g-index
30 all docs	30 docs citations	30 times ranked	1741 citing authors

#	Article	IF	Citations
1	Inducing immune tolerance with dendritic cell-targeting nanomedicines. Nature Nanotechnology, 2021, 16, 37-46.	15.6	129
2	Optimizing the Properties of the Protein Corona Surrounding Nanoparticles for Tuning Payload Release. ACS Nano, 2013, 7, 10066-10074.	7.3	121
3	Advances in Porous Siliconâ€“Based Nanomaterials for Diagnostic and Therapeutic Applications. Advanced Therapeutics, 2019, 2, 1800095.	1.6	92
4	Porous Silicon Nanodiscs for Targeted Drug Delivery. Advanced Functional Materials, 2015, 25, 1137-1145.	7.8	82
5	Targeted camptothecin delivery via silicon nanoparticles reduces breast cancer metastasis. Biomaterials, 2020, 240, 119791.	5.7	73
6	Protein-protected metal nanoclusters as diagnostic and therapeutic platforms for biomedical applications. Materials Today, 2023, 66, 159-193.	8.3	59
7	Gold-Decorated Porous Silicon Nanopillars for Targeted Hyperthermal Treatment of Bacterial Infections. ACS Applied Materials & Interfaces, 2017, 9, 33707-33716.	4.0	47
8	ELOVL5 Is a Critical and Targetable Fatty Acid Elongase in Prostate Cancer. Cancer Research, 2021, 81, 1704-1718.	0.4	44
9	In Vivo Fate of Carbon Nanotubes with Different Physicochemical Properties for Gene Delivery Applications. ACS Applied Materials & Interfaces, 2017, 9, 11461-11471.	4.0	37
10	Engineering Fluorescent Gold Nanoclusters Using Xanthate-Functionalized Hydrophilic Polymers: Toward Enhanced Monodispersity and Stability. Nano Letters, 2021, 21, 476-484.	4.5	36
11	Bright Future of Gold Nanoclusters in Theranostics. ACS Applied Materials & Interfaces, 2021, 13, 49581-49588.	4.0	35
12	Gold Nanocluster-Mediated Cellular Death under Electromagnetic Radiation. ACS Applied Materials & Interfaces, 2017, 9, 41159-41167.	4.0	33
13	Stable White Lightâ€Emitting Biocomposite Films. Advanced Functional Materials, 2018, 28, 1706967.	7.8	32
14	Dualâ€Action Cancer Therapy with Targeted Porous Silicon Nanovectors. Small, 2017, 13, 1701201.	5.2	31
15	Selective Light-Triggered Release of DNA from Gold Nanorods Switches Blood Clotting On and Off. PLoS ONE, 2013, 8, e68511.	1.1	29
16	Nanobody-displaying porous silicon nanoparticles for the co-delivery of siRNA and doxorubicin. Biomaterials Science, 2021, 9, 133-147.	2.6	29
17	Comparison of Two Different Plasma Surface-Modification Techniques for the Covalent Immobilization of Protein Monolayers. Langmuir, 2013, 29, 6645-6651.	1.6	28
18	Maximizing RNA Loading for Gene Silencing Using Porous Silicon Nanoparticles. ACS Applied Materials & Interfaces, 2019, 11, 22993-23005.	4.0	26

#	Article	IF	Citations
19	Novel Gd-Loaded Silicon Nanohybrid: A Potential Epidermal Growth Factor Receptor Expressing Cancer Cell Targeting Magnetic Resonance Imaging Contrast Agent. ACS Applied Materials & Interfaces, 2017, 9, 42601-42611.	4.0	20
20	Engineering Microâ€“Nanomaterials for Biomedical Translation. Advanced NanoBiomed Research, 2021, 1, 2100002.	1.7	20
21	Microwave Heating of Poly(N-isopropylacrylamide)-Conjugated Gold Nanoparticles for Temperature-Controlled Display of Concanavalin A. ACS Applied Materials & Interfaces, 2015, 7, 27755-27764.	4.0	18
22	Modification of Carbon Nanotubes for Gene Delivery Vectors. Methods in Molecular Biology, 2013, 1025, 261-268.	0.4	16
23	Overcoming Barriers: Clinical Translation of siRNA Nanomedicines. Advanced Therapeutics, 2021, 4, 2100108.	1.6	14
24	Tailoring Carbon Nanotubes Surface for Gene Delivery Applications. Plasma Processes and Polymers, 2014, 11, 704-713.	1.6	10
25	Efficient Cell Reprogramming Using Bioengineered Surfaces. Advanced Healthcare Materials, 2012, 1, 177-182.	3.9	9
26	Patientâ€Derived Prostate Cancer Explants: A Clinically Relevant Model to Assess siRNAâ€Based Nanomedicines. Advanced Healthcare Materials, 2021, 10, 2001594.	3.9	9
27	Precision nanomedicines for prostate cancer. Nanomedicine, 2018, 13, 803-807.	1.7	7
28	Lightâ€Emitting Biocomposites: Stable White Lightâ€Emitting Biocomposite Films (Adv. Funct. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 T	7.8	2
29	Back Cover: Plasma Process. Polym. 7â•2014. Plasma Processes and Polymers, 2014, 11, 722-722.	1.6	0