FÃ©lix Sauvage

List of Publications by Year
in descending order

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25 papers	833 citations	623188 14 h-index	580395 25 g-index
28 all docs	28 docs citations	28 times ranked	916 citing authors

#	Article	IF	Citations
1	Photothermal nanofibres enable safe engineering of therapeutic cells. Nature Nanotechnology, 2021, 16, 1281-1291.	15.6	192
2	Aptamer-guided siRNA-loaded nanomedicines for systemic gene silencing in CD-44 expressing murine triple-negative breast cancer model. Journal of Controlled Release, 2018, 271, 98-106.	4.8	102
3	Materials and Technologies to Combat Counterfeiting of Pharmaceuticals: Current and Future Problem Tackling. Advanced Materials, 2020, 32, e1905486.	11.1	84
4	Triggered Release from Cellulose Microparticles Inspired by Wood Degradation by Fungi. ACS Sustainable Chemistry and Engineering, 2021, 9, 387-397.	3.2	53
5	Heat shock proteins and cancer: How can nanomedicine be harnessed?. Journal of Controlled Release, 2017, 248, 133-143.	4.8	39
6	Concentration Gradients in Material Sciences: Methods to Design and Biomedical Applications. Advanced Functional Materials, 2021, 31, 2009005.	7.8	38
7	Laser-induced nanobubbles safely ablate vitreous opacities in vivo. Nature Nanotechnology, 2022, 17, 552-559.	15.6	37
8	Photoablation of Human Vitreous Opacities by Light-Induced Vapor Nanobubbles. ACS Nano, 2019, 13, 8401-8416.	7.3	36
9	Photoporation with Biodegradable Polydopamine Nanosensitizers Enables Safe and Efficient Delivery of mRNA in Human T Cells. Advanced Functional Materials, 2021, 31, 2102472.	7.8	31
10	Nanomaterials to avoid and destroy protein aggregates. Nano Today, 2020, 31, 100837.	6.2	27
11	Synthesis and antiproliferative activity of novobiocin analogues as potential hsp90 inhibitors. European Journal of Medicinal Chemistry, 2014, 83, 498-507.	2.6	26
12	Formulation and in vitro efficacy of liposomes containing the Hsp90 inhibitor 6BrCaQ in prostate cancer cells. International Journal of Pharmaceutics, 2016, 499, 101-109.	2.6	20
13	Bubble Forming Films for Spatial Selective Cell Killing. Advanced Materials, 2021, 33, e2008379.	11.1	20
14	Challenges and strategies for the delivery of biologics to the cornea. Journal of Controlled Release, 2021, 333, 560-578.	4.8	18
15	Carbon quantum dots as a dual platform for the inhibition and light-based destruction of collagen fibers: implications for the treatment of eye floaters. Nanoscale Horizons, 2021, 6, 449-461.	4.1	14
16	Antitumor activity of nanoliposomes encapsulating the novobiocin analog 6BrCaQ in a triple-negative breast cancer model in mice. Cancer Letters, 2018, 432, 103-111.	3.2	13
17	Hydrogelâ€Induced Cell Membrane Disruptions Enable Direct Cytosolic Delivery of Membraneâ€Impermeable Cargo. Advanced Materials, 2021, 33, e2008054.	11.1	13
18	Interaction of dequalinium chloride with phosphatidylcholine bilayers: A biophysical study with consequences on the development of lipid-based mitochondrial nanomedicines. Journal of Colloid and Interface Science, 2019, 537, 704-715.	5.0	12

#	Article	IF	Citations
19	ICG-mediated photodisruption of the inner limiting membrane enhances retinal drug delivery. Journal of Controlled Release, 2022, 349, 315-326.	4.8	11
20	A cell impedance-based real-time in vitro assay to assess the toxicity of amphotericin B formulations. Toxicology and Applied Pharmacology, 2017, 334, 18-23.	1.3	10
21	Light triggered nanoscale biolistics for efficient intracellular delivery of functional macromolecules in mammalian cells. Nature Communications, 2022, 13, 1996.	5.8	10
22	Comparison of MRI Properties between Multimeric DOTAGA and DO3A Gadolinium-Dendron Conjugates. Inorganic Chemistry, 2019, 58, 12798-12808.	1.9	9
23	The use of nanocarriers in acute myeloid leukaemia therapy: challenges and current status.. Current Pharmaceutical Biotechnology, 2015, 17, 30-41.	0.9	9
24	Synthesis and Biological Activity of 3-(Heteroaryl)quinolin-2(1H)-ones Bis-Heterocycles as Potential Inhibitors of the Protein Folding Machinery Hsp90. Molecules, 2022, 27, 412.	1.7	6
25	Bubbleâ€Forming Films: Bubble Forming Films for Spatial Selective Cell Killing (Adv. Mater. 27/2021). Advanced Materials, 2021, 33, 2170211.	11.1	3