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	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
2	Laser-induced nanobubbles safely ablate vitreous opacities in vivo. Nature Nanotechnology, 2022, 17, 552-559.	15.6	37
3	Light triggered nanoscale biolistics for efficient intracellular delivery of functional macromolecules in mammalian cells. Nature Communications, 2022, 13, 1996.	5.8	10
4	ICG-mediated photodisruption of the inner limiting membrane enhances retinal drug delivery. Journal of Controlled Release, 2022, 349, 315-326.	4.8	11
5	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
6	Concentration Gradients in Material Sciences: Methods to Design and Biomedical Applications. Advanced Functional Materials, 2021, 31, 2009005.	7.8	38
7	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
8	Challenges and strategies for the delivery of biologics to the cornea. Journal of Controlled Release, 2021, 333, 560-578.	4.8	18
9	Bubble Forming Films for Spatial Selective Cell Killing. Advanced Materials, 2021, 33, e2008379.	11.1	20
10	Hydrogelâ€Induced Cell Membrane Disruptions Enable Direct Cytosolic Delivery of Membraneâ€Impermeable Cargo. Advanced Materials, 2021, 33, e2008054.	11.1	13
11	Bubbleâ€Forming Films: Bubble Forming Films for Spatial Selective Cell Killing (Adv. Mater. 27/2021). Advanced Materials, 2021, 33, 2170211.	11.1	3
12	Triggered Release from Cellulose Microparticles Inspired by Wood Degradation by Fungi. ACS Sustainable Chemistry and Engineering, 2021, 9, 387-397.	3.2	53
13	Photothermal nanofibres enable safe engineering of therapeutic cells. Nature Nanotechnology, 2021, 16, 1281-1291.	15.6	192
14	Nanomaterials to avoid and destroy protein aggregates. Nano Today, 2020, 31, 100837.	6.2	27
15	Materials and Technologies to Combat Counterfeiting of Pharmaceuticals: Current and Future Problem Tackling. Advanced Materials, 2020, 32, e1905486.	11.1	84
16	Photoablation of Human Vitreous Opacities by Light-Induced Vapor Nanobubbles. ACS Nano, 2019, 13, 8401-8416.	7.3	36
17	Comparison of MRI Properties between Multimeric DOTAGA and DO3A Gadolinium-Dendron Conjugates. Inorganic Chemistry, 2019, 58, 12798-12808.	1.9	9
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	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
20	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
21	Heat shock proteins and cancer: How can nanomedicine be harnessed?. Journal of Controlled Release, 2017, 248, 133-143.	4.8	39
22	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
23	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
24	The use of nanocarriers in acute myeloid leukaemia therapy: challenges and current status.. Current Pharmaceutical Biotechnology, 2015, 17, 30-41.	0.9	9
25	Synthesis and antiproliferative activity of novobiocin analogues as potential hsp90 inhibitors. European Journal of Medicinal Chemistry, 2014, 83, 498-507.	2.6	26