ClÃ©ment R Bouton

List of Publications by Year
in descending order

21 papers	1,107 citations	687363 13 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	2057 citing authors

#	Article	IF	Citations
1	Homebrew: An economical and sensitive glassmilk-based nucleic-acid extraction method for SARS-CoV-2 diagnostics. Cell Reports Methods, 2022, 2, 100186.	2.9	4
2	Homebrew: Protocol for glassmilk-based nucleic-acid extraction for SARS-CoV-2 diagnostics. STAR Protocols, 2022, 3, 101300.	1.2	2
3	Effect of complexing lipids on cellular uptake and expression of messenger RNA in human skin explants. Journal of Controlled Release, 2021, 330, 1250-1261.	9.9	28
4	Innate Inhibiting Proteins Enhance Expression and Immunogenicity of Self-Amplifying RNA. Molecular Therapy, 2021, 29, 1174-1185.	8.2	40
5	The Polybasic Cleavage Site in SARS-CoV-2 Spike Modulates Viral Sensitivity to Type I Interferon and IFITM2. Journal of Virology, 2021, 95, .	3.4	121
6	Nuclear export of plant pararetrovirus mRNAs involves the TREX complex, two viral proteins and the highly structured 5â€² leader region. Nucleic Acids Research, 2021, 49, 8900-8922.	14.5	8
7	Resilient SARS-CoV-2 diagnostics workflows including viral heat inactivation. PLoS ONE, 2021, 16, e0256813.	2.5	23
8	Temporal Proteomic Analysis of Herpes Simplex Virus 1 Infection Reveals Cell-Surface Remodeling via pUL56-Mediated GOPC Degradation. Cell Reports, 2020, 33, 108235.	6.4	29
9	An improved synthesis of poly(amidoamine)s for complexation with self-amplifying RNA and effective transfection. Polymer Chemistry, 2020, 11, 5861-5869.	3.9	8
10	High resolution biosensor to test the capping level and integrity of mRNAs. Nucleic Acids Research, 2020, 48, e129-e129.	14.5	8
11	Ornithine-derived oligomers and dendrimers forin vitrodelivery of DNA andex vivotransfection of skin cellsviasaRNA. Journal of Materials Chemistry B, 2020, 8, 4940-4949.	5.8	15
12	Precisely targeted gene delivery in human skin using supramolecular cationic glycopolymers. Polymer Chemistry, 2020, 11, 3768-3774.	3.9	8
13	The In Vitro, Ex Vivo, and In Vivo Effect of Polymer Hydrophobicity on Charge-Reversible Vectors for Self-Amplifying RNA. Biomacromolecules, 2020, 21, 3242-3253.	5.4	20
14	Self-amplifying RNA SARS-CoV-2 lipid nanoparticle vaccine candidate induces high neutralizing antibody titers in mice. Nature Communications, 2020, 11, 3523.	12.8	357
15	Mannosylated Poly(ethylene imine) Copolymers Enhance saRNA Uptake and Expression in Human Skin Explants. Biomacromolecules, 2020, 21, 2482-2492.	5.4	30
16	Big Is Beautiful: Enhanced saRNA Delivery and Immunogenicity by a Higher Molecular Weight, Bioreducible, Cationic Polymer. ACS Nano, 2020, 14, 5711-5727.	14.6	92
17	Foxtail mosaic virus: A Viral Vector for Protein Expression in Cereals. Plant Physiology, 2018, 177, 1352-1367.	4.8	85
18	Loss of AvrSr50 by somatic exchange in stem rust leads to virulence for Sr50 resistance in wheat. Science, 2017, 358, 1607-1610.	12.6	206

#	ARTICLE	IF	CITATIONS
19	Formation of large viroplasms and virulence of Cauliflower mosaic virus in turnip plants depend on the N-terminal EKI sequence of viral protein TAV. PLoS ONE, 2017, 12, e0189062.	2.5	9
20	Cauliflower mosaic virus Transcriptome Reveals a Complex Alternative Splicing Pattern. PLoS ONE, 2015, 10, e0132665.	2.5	14
21	Le virus de la mosaÃ¯que du chou-fleur (CaMV), encore et toujours. Virologie, 2015, 19, 119-139.	0.1	0