

Stephan Stremersch

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

1,065
citations

14
h-index

22
g-index

22
ext. papers

1,321
ext. citations

11.1
avg, IF

4.08
L-index

#	Paper	IF	Citations
22	Electroporation-induced siRNA precipitation obscures the efficiency of siRNA loading into extracellular vesicles. <i>Journal of Controlled Release</i> , 2013 , 172, 229-238	11.7	333
21	Identification of a novel mechanism of blood-brain communication during peripheral inflammation via choroid plexus-derived extracellular vesicles. <i>EMBO Molecular Medicine</i> , 2016 , 8, 1162-1183	12	184
20	Identification of Individual Exosome-Like Vesicles by Surface Enhanced Raman Spectroscopy. <i>Small</i> , 2016 , 12, 3292-301	11	116
19	Therapeutic and diagnostic applications of extracellular vesicles. <i>Journal of Controlled Release</i> , 2016 , 244, 167-183	11.7	90
18	Comparing exosome-like vesicles with liposomes for the functional cellular delivery of small RNAs. <i>Journal of Controlled Release</i> , 2016 , 232, 51-61	11.7	85
17	The effect of imipenem and diffusible signaling factors on the secretion of outer membrane vesicles and associated Ax21 proteins in <i>Stenotrophomonas maltophilia</i> . <i>Frontiers in Microbiology</i> , 2015 , 6, 298	5.7	54
16	Membrane vesicle secretion and prophage induction in multidrug-resistant <i>Stenotrophomonas maltophilia</i> in response to ciprofloxacin stress. <i>Environmental Microbiology</i> , 2017 , 19, 3930-3937	5.2	32
15	Vapor nanobubble is the more reliable photothermal mechanism for inducing endosomal escape of siRNA without disturbing cell homeostasis. <i>Journal of Controlled Release</i> , 2020 , 319, 262-275	11.7	29
14	Intra- and Interspecies Effects of Outer Membrane Vesicles from <i>Stenotrophomonas maltophilia</i> on β -Lactam Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 2516-8	5.9	25
13	Targeted Perturbation of Nuclear Envelope Integrity with Vapor Nanobubble-Mediated Photoporation. <i>ACS Nano</i> , 2018 , 12, 7791-7802	16.7	20
12	Gold Nanoparticle-Mediated Photoporation Enables Delivery of Macromolecules over a Wide Range of Molecular Weights in Human CD4+ T Cells. <i>Crystals</i> , 2019 , 9, 411	2.3	19
11	Intracellular Delivery of mRNA in Adherent and Suspension Cells by Vapor Nanobubble Photoporation. <i>Nano-Micro Letters</i> , 2020 , 12, 185	19.5	19
10	Delivery of Mixed-Lineage Kinase Domain-Like Protein by Vapor Nanobubble Photoporation Induces Necroptotic-Like Cell Death in Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15
9	Nucleic acid loading and fluorescent labeling of isolated extracellular vesicles requires adequate purification. <i>International Journal of Pharmaceutics</i> , 2018 , 548, 783-792	6.5	15
8	Effect of Native Gastric Mucus on in vivo Hybridization Therapies Directed at <i>Helicobacter pylori</i> . <i>Molecular Therapy - Nucleic Acids</i> , 2015 , 4, e269	10.7	8
7	Photoporation with Biodegradable Polydopamine Nanosensitizers Enables Safe and Efficient Delivery of mRNA in Human T Cells. <i>Advanced Functional Materials</i> , 2021 , 31, 2102472	15.6	5
6	Bubble Forming Films for Spatial Selective Cell Killing. <i>Advanced Materials</i> , 2021 , 33, e2008379	24	4

5	Cytosolic delivery of gadolinium via photoporation enables improved in vivo magnetic resonance imaging of cancer cells. <i>Biomaterials Science</i> , 2021 , 9, 4005-4018	7.4	3
4	Cas9 RNP transfection by vapor nanobubble photoporation for cell engineering. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 25, 696-707	10.7	3
3	Transient nuclear lamin A/C accretion aids in recovery from vapor nanobubble-induced permeabilisation of the plasma membrane.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 23	10.3	2
2	Bubble-Forming Films: Bubble Forming Films for Spatial Selective Cell Killing (Adv. Mater. 27/2021). <i>Advanced Materials</i> , 2021 , 33, 2170211	24	2
1	Plasma membrane perforation by GSDME during apoptosis-driven secondary necrosis.. <i>Cellular and Molecular Life Sciences</i> , 2021 , 79, 19	10.3	2