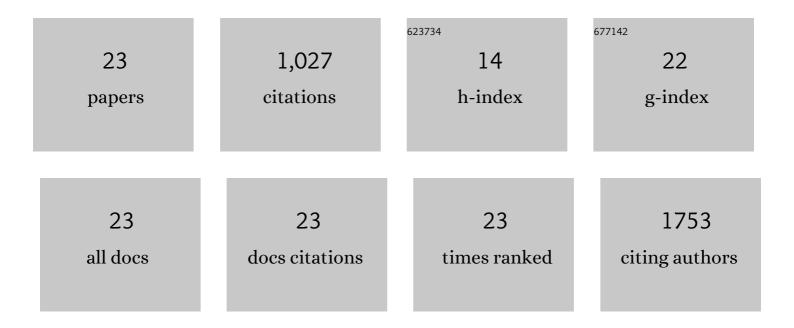
## Stuart Ibsen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sonogenetics is a non-invasive approach to activating neurons in Caenorhabditis elegans. Nature Communications, 2015, 6, 8264.	12.8	266
2	Microbubble-mediated ultrasound therapy: a review of its potential in cancer treatment. Drug Design, Development and Therapy, 2013, 7, 375.	4.3	157
3	A Novel Doxorubicin Prodrug with Controllable Photolysis Activation for Cancer Chemotherapy. Pharmaceutical Research, 2010, 27, 1848-1860.	3.5	92
4	Acoustic Microcannons: Toward Advanced Microballistics. ACS Nano, 2016, 10, 1522-1528.	14.6	91
5	Stimuliâ€Responsive Biomaterials: Scaffolds for Stem Cell Control. Advanced Healthcare Materials, 2021, 10, e2001125.	7.6	81
6	A novel nested liposome drug delivery vehicle capable of ultrasound triggered release of its payload. Journal of Controlled Release, 2011, 155, 358-366.	9.9	79
7	Enhanced Gene Delivery into Skeletal Muscles with Ultrasound and Microbubble Techniques. Academic Radiology, 2006, 13, 363-367.	2.5	39
8	Ultrasoundâ€Triggered Enzymatic Gelation. Advanced Materials, 2020, 32, e1905914.	21.0	38
9	Recovery of Drug Delivery Nanoparticles from Human Plasma Using an Electrokinetic Platform Technology. Small, 2015, 11, 5088-5096.	10.0	36
10	Phospholipid/carbocyanine dye-shelled microbubbles as ultrasound-modulated fluorescent contrast agents. Soft Matter, 2013, 9, 2384.	2.7	23
11	Extraction protocol and mass spectrometry method for quantification of doxorubicin released locally from prodrugs in tumor tissue. Journal of Mass Spectrometry, 2013, 48, 768-773.	1.6	22
12	Dielectrophoretic recovery of DNA from plasma for the identification of chronic lymphocytic leukemia point mutations. International Journal of Hematologic Oncology, 2016, 5, 27-35.	1.6	22
13	Localized <i>In Vivo</i> Activation of a Photoactivatable Doxorubicin Prodrug in Deep Tumor Tissue. Photochemistry and Photobiology, 2013, 89, 698-708.	2.5	18
14	Fluorescent microscope system to monitor real-time interactions between focused ultrasound, echogenic drug delivery vehicles, and live cell membranes. Ultrasonics, 2013, 53, 178-184.	3.9	14
15	The behavior of lipid debris left on cell surfaces from microbubble based ultrasound molecular imaging. Ultrasonics, 2014, 54, 2090-2098.	3.9	13
16	Manipulating Nanoscale Features on the Surface of Dyeâ€Loaded Microbubbles to Increase Their Ultrasoundâ€Modulated Fluorescence Output. Small, 2014, 10, 3316-3324.	10.0	9
17	The influence of distance between microbubbles on the fluid flow produced during ultrasound exposure. Journal of the Acoustical Society of America, 2014, 136, 3422-3430.	1.1	7
18	Ultrasound-modulated fluorescent contrast agent for optical imaging through turbid media. Proceedings of SPIE, 2011, , .	0.8	6

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#	Article	IF	CITATIONS
19	Drug Delivery Nanoparticles with Locally Tunable Toxicity Made Entirely from a Light-Activatable Prodrug of Doxorubicin. Pharmaceutical Research, 2017, 34, 2025-2035.	3.5	5
20	Theoretical and experimental analysis of negative dielectrophoresis induced particle trajectories. Electrophoresis, 2022, , .	2.4	4
21	Optical detection of harmonic oscillations in fluorescent dye-loaded microbubbles ensonified by ultrasound. Optics Letters, 2015, 40, 2834.	3.3	3
22	cycâ€ÐEP: Cyclic immunofluorescence profiling of particles collected using dielectrophoresis. Electrophoresis, 2022, 43, 1784-1798.	2.4	2
23	Removal of ligand-bound liposomes from cell surfaces by microbubbles exposed to ultrasound. Journal of Biological Physics, 2017, 43, 493-510.	1.5	0