

# Stuart Ibsen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5560865/publications.pdf>

Version: 2024-02-01

23  
papers

1,027  
citations

623734

14  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1753  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical and experimental analysis of negative dielectrophoresis induced particle trajectories. <i>Electrophoresis</i> , 2022, , .	2.4	4
2	cycâ€DEP: Cyclic immunofluorescence profiling of particles collected using dielectrophoresis. <i>Electrophoresis</i> , 2022, 43, 1784-1798.	2.4	2
3	Stimuliâ€Responsive Biomaterials: Scaffolds for Stem Cell Control. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001125.	7.6	81
4	Ultrasoundâ€Triggered Enzymatic Gelation. <i>Advanced Materials</i> , 2020, 32, e1905914.	21.0	38
5	Drug Delivery Nanoparticles with Locally Tunable Toxicity Made Entirely from a Light-Activatable Prodrug of Doxorubicin. <i>Pharmaceutical Research</i> , 2017, 34, 2025-2035.	3.5	5
6	Removal of ligand-bound liposomes from cell surfaces by microbubbles exposed to ultrasound. <i>Journal of Biological Physics</i> , 2017, 43, 493-510.	1.5	0
7	Dielectrophoretic recovery of DNA from plasma for the identification of chronic lymphocytic leukemia point mutations. <i>International Journal of Hematologic Oncology</i> , 2016, 5, 27-35.	1.6	22
8	Acoustic Microcannons: Toward Advanced Microballistics. <i>ACS Nano</i> , 2016, 10, 1522-1528.	14.6	91
9	Recovery of Drug Delivery Nanoparticles from Human Plasma Using an Electrokinetic Platform Technology. <i>Small</i> , 2015, 11, 5088-5096.	10.0	36
10	Optical detection of harmonic oscillations in fluorescent dye-loaded microbubbles ensonified by ultrasound. <i>Optics Letters</i> , 2015, 40, 2834.	3.3	3
11	Sonogenetics is a non-invasive approach to activating neurons in <i>Caenorhabditis elegans</i> . <i>Nature Communications</i> , 2015, 6, 8264.	12.8	266
12	The influence of distance between microbubbles on the fluid flow produced during ultrasound exposure. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 3422-3430.	1.1	7
13	The behavior of lipid debris left on cell surfaces from microbubble based ultrasound molecular imaging. <i>Ultrasonics</i> , 2014, 54, 2090-2098.	3.9	13
14	Manipulating Nanoscale Features on the Surface of Dyeâ€Loaded Microbubbles to Increase Their Ultrasoundâ€Modulated Fluorescence Output. <i>Small</i> , 2014, 10, 3316-3324.	10.0	9
15	Fluorescent microscope system to monitor real-time interactions between focused ultrasound, echogenic drug delivery vehicles, and live cell membranes. <i>Ultrasonics</i> , 2013, 53, 178-184.	3.9	14
16	Phospholipid/carbocyanine dye-shelled microbubbles as ultrasound-modulated fluorescent contrast agents. <i>Soft Matter</i> , 2013, 9, 2384.	2.7	23
17	Extraction protocol and mass spectrometry method for quantification of doxorubicin released locally from prodrugs in tumor tissue. <i>Journal of Mass Spectrometry</i> , 2013, 48, 768-773.	1.6	22
18	Localized <i>In Vivo</i> Activation of a Photoactivatable Doxorubicin Prodrug in Deep Tumor Tissue. <i>Photochemistry and Photobiology</i> , 2013, 89, 698-708.	2.5	18

#	ARTICLE	IF	CITATIONS
19	Microbubble-mediated ultrasound therapy: a review of its potential in cancer treatment. <i>Drug Design, Development and Therapy</i> , 2013, 7, 375.	4.3	157
20	Ultrasound-modulated fluorescent contrast agent for optical imaging through turbid media. <i>Proceedings of SPIE</i> , 2011, , .	0.8	6
21	A novel nested liposome drug delivery vehicle capable of ultrasound triggered release of its payload. <i>Journal of Controlled Release</i> , 2011, 155, 358-366.	9.9	79
22	A Novel Doxorubicin Prodrug with Controllable Photolysis Activation for Cancer Chemotherapy. <i>Pharmaceutical Research</i> , 2010, 27, 1848-1860.	3.5	92
23	Enhanced Gene Delivery into Skeletal Muscles with Ultrasound and Microbubble Techniques. <i>Academic Radiology</i> , 2006, 13, 363-367.	2.5	39