

# Luis R Soenksen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1384715/publications.pdf>

Version: 2024-02-01

11  
papers

1,336  
citations

933264

10  
h-index

1372474

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1815  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interconnected Microphysiological Systems for Quantitative Biology and Pharmacology Studies. Scientific Reports, 2018, 8, 4530.	1.6	341
2	Wearable materials with embedded synthetic biology sensors for biomolecule detection. Nature Biotechnology, 2021, 39, 1366-1374.	9.4	286
3	Programmable CRISPR-responsive smart materials. Science, 2019, 365, 780-785.	6.0	248
4	Minimally instrumented SHERLOCK (miSHERLOCK) for CRISPR-based point-of-care diagnosis of SARS-CoV-2 and emerging variants. Science Advances, 2021, 7, .	4.7	189
5	A deep learning approach to programmable RNA switches. Nature Communications, 2020, 11, 5057.	5.8	83
6	Using deep learning for dermatologist-level detection of suspicious pigmented skin lesions from wide-field images. Science Translational Medicine, 2021, 13, .	5.8	78
7	Creating CRISPR-responsive smart materials for diagnostics and programmable cargo release. Nature Protocols, 2020, 15, 3030-3063.	5.5	42
8	Computer-aided classification of suspicious pigmented lesions using wide-field images. Computer Methods and Programs in Biomedicine, 2020, 195, 105631.	2.6	31
9	Closed-loop feedback control for microfluidic systems through automated capacitive fluid height sensing. Lab on A Chip, 2018, 18, 902-914.	3.1	23
10	PiFlow: A biocompatible low-cost programmable dynamic flow pumping system utilizing a Raspberry Pi Zero and commercial piezoelectric pumps. HardwareX, 2018, 4, e00034.	1.1	11
11	Using Deep Learning for Dermatologist-Level Detection of Ugly-Duckling and Suspicious Pigmented Skin Lesions from Wide-Field Images. Series in Computer Vision, 2022, , 239-262.	0.1	0