

# Bill Ling

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3006454/publications.pdf>

Version: 2024-02-01

10  
papers

476  
citations

1307594

7  
h-index

1474206

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

560  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aminofluorination of Cyclopropanes: A Multifold Approach through a Common, Catalytically Generated Intermediate. <i>Journal of the American Chemical Society</i> , 2016, 138, 6598-6609.	13.7	139
2	Ultrasound Technologies for Imaging and Modulating Neural Activity. <i>Neuron</i> , 2020, 108, 93-110.	8.1	123
3	Triethylborane-Initiated Radical Chain Fluorination: A Synthetic Method Derived from Mechanistic Insight. <i>Journal of Organic Chemistry</i> , 2014, 79, 8895-8899.	3.2	59
4	Recombinantly expressed gas vesicles as nanoscale contrast agents for ultrasound and hyperpolarized MRI. <i>AICHE Journal</i> , 2018, 64, 2927-2933.	3.6	39
5	Biomolecular Ultrasound Imaging of Phagolysosomal Function. <i>ACS Nano</i> , 2020, 14, 12210-12221.	14.6	38
6	Ultrasensitive ultrasound imaging of gene expression with signal unmixing. <i>Nature Methods</i> , 2021, 18, 945-952.	19.0	35
7	Acoustic biomolecules enhance hemodynamic functional ultrasound imaging of neural activity. <i>NeuroImage</i> , 2020, 209, 116467.	4.2	29
8	Ultrafast amplitude modulation for molecular and hemodynamic ultrasound imaging. <i>Applied Physics Letters</i> , 2021, 118, 244102.	3.3	7
9	A 0.3ppm dual-resonance transformer-based drift-cancelling reference-free magnetic sensor for biosensing applications. , 2018, , .		4
10	Self-assembly of protein superstructures by physical interactions under cytoplasm-like conditions. <i>Biophysical Journal</i> , 2021, 120, 2701-2709.	0.5	2