

# Benjamin Johnson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2257923/publications.pdf>

Version: 2024-02-01

28  
papers

1,171  
citations

516561

16  
h-index

552653

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2052  
citing authors

#	ARTICLE	IF	CITATIONS
1	10.1063/5.0040213.1., 2021, , .		0
2	Horizon: Microfluidic platform for the production of therapeutic microbubbles and nanobubbles. Review of Scientific Instruments, 2021, 92, 074105.	0.6	15
3	Ultrasound-triggered therapeutic microbubbles enhance the efficacy of cytotoxic drugs by increasing circulation and tumor drug accumulation and limiting bioavailability and toxicity in normal tissues. Theranostics, 2020, 10, 10973-10992.	4.6	45
4	Freeze-Dried Therapeutic Microbubbles: Stability and Gas Exchange. ACS Applied Bio Materials, 2020, 3, 7840-7848.	2.3	6
5	A bioinspired peptide matrix for the detection of 2,4,6-trinitrotoluene (TNT). Biosensors and Bioelectronics, 2020, 153, 112030.	5.3	21
6	Controlling the fluorescence and room-temperature phosphorescence behaviour of carbon nanodots with inorganic crystalline nanocomposites. Nature Communications, 2019, 10, 206.	5.8	128
7	Fluoride doped $\text{Fe}^{3+}\text{O}_3$ nanoparticles with increased MRI relaxivity. Journal of Materials Chemistry B, 2018, 6, 3665-3673.	2.9	5
8	Enhanced Tubulation of Liposome Containing Cardiolipin by MamY Protein from Magnetotactic Bacteria. Biotechnology Journal, 2018, 13, 1800087.	1.8	12
9	A highly reactive precursor in the iron sulfide system. Nature Communications, 2018, 9, 3125.	5.8	95
10	Controlling transmembrane protein concentration and orientation in supported lipid bilayers. Chemical Communications, 2017, 53, 4250-4253.	2.2	13
11	Universal synthesis method for mixed phase $\text{TiO}_2(\text{B})/\text{anatase TiO}_2$ thin films on substrates via a modified low pressure chemical vapour deposition (LPCVD) route. Journal of Materials Chemistry A, 2016, 4, 5685-5699.	5.2	39
12	Phospholipid dependent mechanism of smp24, an $\alpha$ -helical antimicrobial peptide from scorpion venom. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 2737-2744.	1.4	27
13	The influence of intercalating perfluorohexane into lipid shells on nano and microbubble stability. Soft Matter, 2016, 12, 7223-7230.	1.2	36
14	On-chip preparation of nanoscale contrast agents towards high-resolution ultrasound imaging. Lab on A Chip, 2016, 16, 679-687.	3.1	61
15	Self-assembly of actin scaffolds on lipid microbubbles. Soft Matter, 2014, 10, 694-700.	1.2	9
16	Actin Assembly at Model-Supported Lipid Bilayers. Biophysical Journal, 2013, 105, 2355-2365.	0.2	14
17	Expanding 3D geometry for enhanced on-chip microbubble production and single step formation of liposome modified microbubbles. Lab on A Chip, 2012, 12, 4544.	3.1	80
18	Concentrating Membrane Proteins Using Asymmetric Traps and AC Electric Fields. Journal of the American Chemical Society, 2011, 133, 6521-6524.	6.6	36

#	ARTICLE	IF	CITATIONS
19	A $\beta$ 242 oligomers, but not fibrils, simultaneously bind to and cause damage to ganglioside-containing lipid membranes. <i>Biochemical Journal</i> , 2011, 439, 67-77.	1.7	93
20	A Self-Assembly Route for Double Bilayer Lipid Membrane Formation. <i>ChemPhysChem</i> , 2010, 11, 569-574.	1.0	21
21	Effect of the Structure of Cholesterol-Based Tethered Bilayer Lipid Membranes on Ionophore Activity. <i>ChemPhysChem</i> , 2010, 11, 2191-2198.	1.0	32
22	Force spectroscopy of streptavidin conjugated lipid coated microbubbles. <i>Bubble Science, Engineering &amp; Technology</i> , 2010, 2, 48-54.	0.2	14
23	In vitro biosynthesis of bacterial peptidoglycan using d-Cys-containing precursors: fluorescent detection of transglycosylation and transpeptidation. <i>Chemical Communications</i> , 2009, , 4037.	2.2	3
24	Gram-negative bacterium illustration is misleading. <i>Nursing Standard (Royal College of Nursing)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 0.1	0.1	0
25	Native <i>E. coli</i> inner membrane incorporation in solid-supported lipid bilayer membranes. <i>Biointerphases</i> , 2008, 3, FA59-FA67.	0.6	39
26	Minimal F-Actin Cytoskeletal System for Planar Supported Phospholipid Bilayers. <i>Langmuir</i> , 2008, 24, 6827-6836.	1.6	33
27	Site-Directed Conjugation of $\alpha$ -Clicked-Glycopolymers To Form Glycoprotein Mimics: Binding to Mammalian Lectin and Induction of Immunological Function. <i>Journal of the American Chemical Society</i> , 2007, 129, 15156-15163.	6.6	281
28	Self-Assembly of Actin Scaffolds at Ponticulin-Containing Supported Phospholipid Bilayers. <i>Biophysical Journal</i> , 2006, 90, L21-L23.	0.2	13