

# Meghan B O'donoghue

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6659483/publications.pdf>

Version: 2024-02-01

23  
papers

2,341  
citations

430874

18  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

3890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of DNA aptamers using Cell-SELEX. <i>Nature Protocols</i> , 2010, 5, 1169-1185.	12.0	706
2	Assembly of Aptamer Switch Probes and Photosensitizer on Gold Nanorods for Targeted Photothermal and Photodynamic Cancer Therapy. <i>ACS Nano</i> , 2012, 6, 5070-5077.	14.6	334
3	A liposome-based nanostructure for aptamer directed delivery. <i>Chemical Communications</i> , 2010, 46, 249-251.	4.1	160
4	DNA Aptamer-Mediated Cell Targeting. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1472-1476.	13.8	137
5	A Surface Energy Transfer Nanoruler for Measuring Binding Site Distances on Live Cell Surfaces. <i>Journal of the American Chemical Society</i> , 2010, 132, 16559-16570.	13.7	119
6	Photosensitizer-Gold Nanorod Composite for Targeted Multimodal Therapy. <i>Small</i> , 2013, 9, 3678-3684.	10.0	113
7	Antibody Immunodominance: The Key to Understanding Influenza Virus Antigenic Drift. <i>Viral Immunology</i> , 2018, 31, 142-149.	1.3	90
8	Nanoparticles for multiplex diagnostics and imaging. <i>Nanomedicine</i> , 2006, 1, 413-426.	3.3	88
9	Human Influenza A Virus Hemagglutinin Glycan Evolution Follows a Temporal Pattern to a Glycan Limit. <i>MBio</i> , 2019, 10, .	4.1	74
10	Highly fluorescent dye-doped silica nanoparticles increase flow cytometry sensitivity for cancer cell monitoring. <i>Nano Research</i> , 2009, 2, 448-461.	10.4	70
11	Aptamer-Nanoparticle Assembly for Logic-Based Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 3007-3011.	8.0	68
12	Silencing of PTK7 in Colon Cancer Cells: Caspase-10-Dependent Apoptosis via Mitochondrial Pathway. <i>PLoS ONE</i> , 2010, 5, e14018.	2.5	67
13	Self-Assembled Aptamer-Based Drug Carriers for Bispecific Cytotoxicity to Cancer Cells. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1630-1636.	3.3	62
14	Aptamer-Conjugated Nanorods for Targeted Photothermal Therapy of Prostate Cancer Stem Cells. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2417-2422.	3.3	62
15	Lamprey VLRB response to influenza virus supports universal rules of immunogenicity and antigenicity. <i>ELife</i> , 2015, 4, .	6.0	58
16	Using Azobenzene Incorporated DNA Aptamers to Probe Molecular Binding Interactions. <i>Bioconjugate Chemistry</i> , 2011, 22, 282-288.	3.6	35
17	Single-molecule atomic force microscopy on live cells compares aptamer and antibody rupture forces. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 3205-3209.	3.7	33
18	Nanoparticle-Aptamer Conjugates for Cancer Cell Targeting and Detection. <i>Methods in Molecular Biology</i> , 2010, 624, 235-248.	0.9	29

#	ARTICLE	IF	CITATIONS
19	Modifying cellular properties using artificial aptamer-lipid receptors. Scientific Reports, 2013, 3, 3343.	3.3	14
20	Biogenesis of Influenza A Virus Hemagglutinin Cross-Protective Stem Epitopes. PLoS Pathogens, 2014, 10, e1004204.	4.7	8
21	NANOPARTICLES FOR BIOSENSORS. , 2008, , 583-621.		7
22	Performance Enhancement and Adverse Consequences of MDMA. Journal of Addictive Diseases, 2006, 25, 47-59.	1.3	4
23	Biosensors for the Genomic Age. , 2009, , 590-598.		0