

# 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  | Human Influenza A Virus Hemagglutinin Glycan Evolution Follows a Temporal Pattern to a Glycan Limit. <i>MBio</i> , 2019, 10, .  | 4.1  | 74        |
| 2  | Antibody Immunodominance: The Key to Understanding Influenza Virus Antigenic Drift. <i>Viral Immunology</i> , 2018, 31, 142-149.  | 1.3  | 90        |
| 3  | Lamprey VLRB response to influenza virus supports universal rules of immunogenicity and antigenicity. <i>ELife</i> , 2015, 4, .   | 6.0  | 58        |
| 4  | Biogenesis of Influenza A Virus Hemagglutinin Cross-Protective Stem Epitopes. <i>PLoS Pathogens</i> , 2014, 10, e1004204.   | 4.7  | 8         |
| 5  | 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        |
| 6  | DNA Aptamer-€Mediated Cell Targeting. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1472-1476.   | 13.8 | 137       |
| 7  | Photosensitizer-€Gold Nanorod Composite for Targeted Multimodal Therapy. <i>Small</i> , 2013, 9, 3678-3684.   | 10.0 | 113       |
| 8  | Modifying cellular properties using artificial aptamer-lipid receptors. <i>Scientific Reports</i> , 2013, 3, 3343.  | 3.3  | 14        |
| 9  | Aptamer-Nanoparticle Assembly for Logic-Based Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 3007-3011.  | 8.0  | 68        |
| 10 | 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       |
| 11 | 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        |
| 12 | 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        |
| 13 | Using Azobenzene Incorporated DNA Aptamers to Probe Molecular Binding Interactions. <i>Bioconjugate Chemistry</i> , 2011, 22, 282-288.                                    | 3.6  | 35        |
| 14 | Development of DNA aptamers using Cell-SELEX. <i>Nature Protocols</i> , 2010, 5, 1169-1185.   | 12.0 | 706       |
| 15 | A liposome-based nanostructure for aptamer directed delivery. <i>Chemical Communications</i> , 2010, 46, 249-251.   | 4.1  | 160       |
| 16 | Nanoparticle-€Aptamer Conjugates for Cancer Cell Targeting and Detection. <i>Methods in Molecular Biology</i> , 2010, 624, 235-248.                                       | 0.9  | 29        |
| 17 | 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       |
| 18 | Silencing of PTK7 in Colon Cancer Cells: Caspase-10-Dependent Apoptosis via Mitochondrial Pathway. <i>PLoS ONE</i> , 2010, 5, e14018.                                     | 2.5  | 67        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Highly fluorescent dye-doped silica nanoparticles increase flow cytometry sensitivity for cancer cell monitoring. Nano Research, 2009, 2, 448-461. | 10.4 | 70        |
| 20 | Biosensors for the Genomic Age. , 2009, , 590-598.   |      | 0         |
| 21 | NANOPARTICLES FOR BIOSENSORS. , 2008, , 583-621.   |      | 7         |
| 22 | Nanoparticles for multiplex diagnostics and imaging. Nanomedicine, 2006, 1, 413-426.   | 3.3  | 88        |
| 23 | Performance Enhancement and Adverse Consequences of MDMA. Journal of Addictive Diseases, 2006, 25, 47-59.  | 1.3  | 4         |