

Meghan B O donoghue

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

1,954
citations

18
h-index

25
g-index

25
ext. papers

2,146
ext. citations

7.8
avg, IF

4.5
L-index

#	Paper	IF	Citations
24	Human Influenza A Virus Hemagglutinin Glycan Evolution Follows a Temporal Pattern to a Glycan Limit. <i>MBio</i> , 2019 , 10,	7.8	45
23	Antibody Immunodominance: The Key to Understanding Influenza Virus Antigenic Drift. <i>Viral Immunology</i> , 2018 , 31, 142-149	1.7	55
22	Lamprey VLRB response to influenza virus supports universal rules of immunogenicity and antigenicity. <i>ELife</i> , 2015 , 4,	8.9	48
21	Biogenesis of influenza a virus hemagglutinin cross-protective stem epitopes. <i>PLoS Pathogens</i> , 2014 , 10, e1004204	7.6	7
20	Aptamer-conjugated nanorods for targeted photothermal therapy of prostate cancer stem cells. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 2417-22	4.5	53
19	DNA aptamer-mediated cell targeting. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1472-6	16.4	113
18	Photosensitizer-gold nanorod composite for targeted multimodal therapy. <i>Small</i> , 2013 , 9, 3678-84	11	95
17	Modifying cellular properties using artificial aptamer-lipid receptors. <i>Scientific Reports</i> , 2013 , 3, 3343	4.9	13
16	Aptamer-nanoparticle assembly for logic-based detection. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 3007-11	9.5	59
15	Assembly of aptamer switch probes and photosensitizer on gold nanorods for targeted photothermal and photodynamic cancer therapy. <i>ACS Nano</i> , 2012 , 6, 5070-7	16.7	297
14	Self-assembled aptamer-based drug carriers for bispecific cytotoxicity to cancer cells. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1630-6	4.5	56
13	Single-molecule atomic force microscopy on live cells compares aptamer and antibody rupture forces. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 3205-9	4.4	27
12	Using azobenzene incorporated DNA aptamers to probe molecular binding interactions. <i>Bioconjugate Chemistry</i> , 2011 , 22, 282-8	6.3	34
11	Development of DNA aptamers using Cell-SELEX. <i>Nature Protocols</i> , 2010 , 5, 1169-85	18.8	573
10	A liposome-based nanostructure for aptamer directed delivery. <i>Chemical Communications</i> , 2010 , 46, 249-58	5.8	142
9	Nanoparticle-aptamer conjugates for cancer cell targeting and detection. <i>Methods in Molecular Biology</i> , 2010 , 624, 235-48	1.4	26
8	A surface energy transfer nanoruler for measuring binding site distances on live cell surfaces. <i>Journal of the American Chemical Society</i> , 2010 , 132, 16559-70	16.4	101

7	Silencing of PTK7 in colon cancer cells: caspase-10-dependent apoptosis via mitochondrial pathway. <i>PLoS ONE</i> , 2010 , 5, e14018	3.7	55
6	Highly fluorescent dye-doped silica nanoparticles increase flow cytometry sensitivity for cancer cell monitoring. <i>Nano Research</i> , 2009 , 2, 448-461	10	64
5	Biosensors for the Genomic Age 2009 , 590-598		
4	NANOPARTICLES FOR BIOSENSORS 2008 , 583-621		5
3	Performance Enhancement and Adverse Consequences of MDMA. <i>Journal of Addictive Diseases</i> , 2006 , 25, 47-59	1.7	4
2	Nanoparticles for multiplex diagnostics and imaging. <i>Nanomedicine</i> , 2006 , 1, 413-26	5.6	80
1	Glycan Clock Forecasts Human Influenza A Virus Hemagglutinin Evolution		2