

# Ali A Almaqwashi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10196190/publications.pdf>

Version: 2024-02-01

13  
papers

289  
citations

1307594

7  
h-index

1474206

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

523  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of small molecule-DNA interactions probed by single-molecule force spectroscopy. <i>Nucleic Acids Research</i> , 2016, 44, 3971-3988.	14.5	128
2	DNA Intercalation Facilitates Efficient DNA-Targeted Covalent Binding of Phenanthriplatin. <i>Journal of the American Chemical Society</i> , 2019, 141, 1537-1545.	13.7	56
3	Strong DNA deformation required for extremely slow DNA threading intercalation by a binuclear ruthenium complex. <i>Nucleic Acids Research</i> , 2014, 42, 11634-11641.	14.5	30
4	A ruthenium dimer complex with a flexible linker slowly threads between DNA bases in two distinct steps. <i>Nucleic Acids Research</i> , 2015, 43, 8856-8867.	14.5	21
5	Facile and scalable green synthesis of N-doped graphene/CNTs nanocomposites via ball milling. <i>Ain Shams Engineering Journal</i> , 2021, 12, 1017-1024.	6.1	16
6	DNA intercalation optimized by two-step molecular lock mechanism. <i>Scientific Reports</i> , 2016, 6, 37993.	3.3	15
7	Dissecting the Dynamic Pathways of Stereoselective DNA Threading Intercalation. <i>Biophysical Journal</i> , 2016, 110, 1255-1263.	0.5	15
8	Variable-force microscopy for advanced characterization of horizontally aligned carbon nanotubes. <i>Nanotechnology</i> , 2011, 22, 275717.	2.6	7
9	Kinetics of DNA Threading Intercalation by a Rigid Ruthenium Complex Dimer. <i>Biophysical Journal</i> , 2014, 106, 278a.	0.5	1
10	Resolving the DNA Binding Mode of a Rotationally Flexible Binuclear Ruthenium Complex. <i>Biophysical Journal</i> , 2015, 108, 396a.	0.5	0
11	Two-Step DNA Intercalation by Threading of the Flexible Ruthenium Dimer Studied by the Single Molecule DNA Stretching. <i>Biophysical Journal</i> , 2015, 108, 397a-398a.	0.5	0
12	Resolving the Mechanical Properties of DNA-YOYO-1 Complex. <i>Biophysical Journal</i> , 2017, 112, 215a.	0.5	0
13	The Binding Kinetics and Mechanical Properties of DNA-YOYO-1 Complexes. <i>Biophysical Journal</i> , 2018, 114, 87a.	0.5	0