

# Pai Peng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7015516/publications.pdf>

Version: 2024-02-01

19  
papers

653  
citations

623188

14  
h-index

794141

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

684  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Logic Operations in Living Cells Utilizing Lysosome-Recognizing Framework Nucleic Acid Nanodevices for Subcellular Imaging. <i>ACS Nano</i> , 2019, 13, 5778-5784.	7.3	108
2	Reconfigurable Bioinspired Framework Nucleic Acid Nanoplatfom Dynamically Manipulated in Living Cells for Subcellular Imaging. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1648-1653.	7.2	92
3	Environmentâ€Recognizing DNAâ€Computation Circuits for the Intracellular Transport of Molecular Payloads for mRNA Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6099-6107.	7.2	62
4	Exonuclease III-boosted cascade reactions for ultrasensitive SERS detection of nucleic acids. <i>Biosensors and Bioelectronics</i> , 2018, 104, 32-38.	5.3	45
5	Programmable i-motif DNA folding topology for a pH-switched reversible molecular sensing device. <i>Nucleic Acids Research</i> , 2017, 45, 4306-4314.	6.5	43
6	Thioflavin T binds dimeric parallel-stranded GA-containing non-G-quadruplex DNAs: a general approach to lighting up double-stranded scaffolds. <i>Nucleic Acids Research</i> , 2017, 45, 12080-12089.	6.5	39
7	Logicâ€Gated Proximity Aptasensing for Cellâ€Surface Realâ€Time Monitoring of Apoptosis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20858-20864.	7.2	38
8	A DNA nanoswitch-controlled reversible nanosensor. <i>Nucleic Acids Research</i> , 2017, 45, 541-546.	6.5	37
9	Extracellular Ion-Responsive Logic Sensors Utilizing DNA Dimeric Nanoassemblies on Cell Surface and Application to Boosting AS1411 Internalization. <i>Analytical Chemistry</i> , 2020, 92, 9273-9280.	3.2	36
10	Thioflavin T behaves as an efficient fluorescent ligand for label-free ATP aptasensor. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7927-7934.	1.9	31
11	Aptamer-Braked Multi-hairpin Cascade Circuits for Logic-Controlled Label-Free <i>In Situ</i> Bioimaging. <i>Analytical Chemistry</i> , 2020, 92, 10357-10364.	3.2	25
12	Ultrastable Bimolecular G-Quadruplexes Programmed DNA Nanoassemblies for Reconfigurable Biomimetic DNAzymes. <i>ACS Nano</i> , 2019, 13, 11947-11954.	7.3	22
13	I-Motif/miniduplex hybrid structures bind benzothiazole dyes with unprecedented efficiencies: a generic light-up system for label-free DNA nanoassemblies and bioimaging. <i>Nucleic Acids Research</i> , 2020, 48, 1681-1690.	6.5	22
14	Logic circuit controlled multi-responsive branched DNA scaffolds. <i>Chemical Communications</i> , 2018, 54, 6132-6135.	2.2	16
15	Reconfigurable Bioinspired Framework Nucleic Acid Nanoplatfom Dynamically Manipulated in Living Cells for Subcellular Imaging. <i>Angewandte Chemie</i> , 2019, 131, 1662-1667.	1.6	16
16	Environmentâ€Recognizing DNAâ€Computation Circuits for the Intracellular Transport of Molecular Payloads for mRNA Imaging. <i>Angewandte Chemie</i> , 2020, 132, 6155-6163.	1.6	11
17	Probing the propeller-like loops of DNA G-quadruplexes with looped-out 2-aminopurine for label-free switchable molecular sensing. <i>Analyst</i> , 2018, 143, 3814-3820.	1.7	4
18	Logicâ€Gated Proximity Aptasensing for Cellâ€Surface Realâ€Time Monitoring of Apoptosis. <i>Angewandte Chemie</i> , 2021, 133, 21026-21032.	1.6	4

#	ARTICLE	IF	CITATIONS
19	DNA nanodevices monitored with fluorogenic looped-out 2-aminopurine. <i>Analyst</i> , The, 2018, 143, 1268-1273.	1.7	2