

Sena Cansiz

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,197
citations

430874

18
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

3350
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembly of DNA Nanohydrogels with Controllable Size and Stimuli-Responsive Property for Targeted Gene Regulation Therapy. <i>Journal of the American Chemical Society</i> , 2015, 137, 1412-1415.	13.7	406
2	Aptasensor with Expanded Nucleotide Using DNA Nanotetrahedra for Electrochemical Detection of Cancerous Exosomes. <i>ACS Nano</i> , 2017, 11, 3943-3949.	14.6	370
3	A Nonenzymatic Hairpin DNA Cascade Reaction Provides High Signal Gain of mRNA Imaging inside Live Cells. <i>Journal of the American Chemical Society</i> , 2015, 137, 4900-4903.	13.7	288
4	Evolution of Functional Six-Nucleotide DNA. <i>Journal of the American Chemical Society</i> , 2015, 137, 6734-6737.	13.7	185
5	Facile Surface Functionalization of Hydrophobic Magnetic Nanoparticles. <i>Journal of the American Chemical Society</i> , 2014, 136, 12552-12555.	13.7	154
6	Ionic Functionalization of Hydrophobic Colloidal Nanoparticles To Form Ionic Nanoparticles with Enzymelike Properties. <i>Journal of the American Chemical Society</i> , 2015, 137, 14952-14958.	13.7	130
7	Engineering of Switchable Aptamer Micelle Flares for Molecular Imaging in Living Cells. <i>ACS Nano</i> , 2013, 7, 5724-5731.	14.6	124
8	Self-assembled multifunctional DNA nanoflowers for the circumvention of multidrug resistance in targeted anticancer drug delivery. <i>Nano Research</i> , 2015, 8, 3447-3460.	10.4	95
9	Aptamers against Cells Overexpressing Glypican-3 from Expanded Genetic Systems Combined with Cell Engineering and Laboratory Evolution. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12372-12375.	13.8	78
10	ICG-Conjugated magnetic graphene oxide for dual photothermal and photodynamic therapy. <i>RSC Advances</i> , 2016, 6, 30285-30292.	3.6	55
11	Enhanced Targeted Gene Transduction: AAV2 Vectors Conjugated to Multiple Aptamers via Reducible Disulfide Linkages. <i>Journal of the American Chemical Society</i> , 2018, 140, 2-5.	13.7	43
12	Cancer cell sensing and therapy using affinity tag-conjugated gold nanorods. <i>Interface Focus</i> , 2013, 3, 20130006.	3.0	42
13	DNA micelle flares: a study of the basic properties that contribute to enhanced stability and binding affinity in complex biological systems. <i>Chemical Science</i> , 2016, 7, 6041-6049.	7.4	37
14	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11954-11957.	13.8	37
15	DNA Aptamer Based Nanodrugs: Molecular Engineering for Efficiency. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2084-2094.	3.3	35
16	Nuclease-resistant synthetic drug-DNA adducts: programmable drug-DNA conjugation for targeted anticancer drug delivery. <i>NPG Asia Materials</i> , 2015, 7, e169-e169.	7.9	34
17	Molecular Recognition of Human Liver Cancer Cells Using DNA Aptamers Generated via Cell-SELEX. <i>PLoS ONE</i> , 2015, 10, e0125863.	2.5	29
18	Development of a panel of DNA Aptamers with High Affinity for Pancreatic Ductal Adenocarcinoma. <i>Scientific Reports</i> , 2015, 5, 16788.	3.3	22

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19	Recognitionâ€thenâ€Reaction Enables Siteâ€Selective Bioconjugation to Proteins on Liveâ€Cell Surfaces. <i>Angewandte Chemie</i> , 2017, 129, 12116-12119.	2.0	17
20	Aptamers against Cells Overexpressing Glypicanâ€...3 from Expanded Genetic Systems Combined with Cell Engineering and Laboratory Evolution. <i>Angewandte Chemie</i> , 2016, 128, 12560-12563.	2.0	9
21	A Facile Process for the Preparation of Threeâ€Dimensional Hollow Zn(OH) ₂ Nanoflowers at Room Temperature. <i>Chemistry - A European Journal</i> , 2016, 22, 11143-11147.	3.3	7