Sena Cansiz

List of Publications by Citations

21 papers	1,712 citations	18 h-index	21 g-index
21 ext. papers	1,969 ext. citations	10.6 avg, IF	4.03 L-index

#	Paper	IF	Citations
21	Self-assembly of DNA nanohydrogels with controllable size and stimuli-responsive property for targeted gene regulation therapy. *Journal of the American Chemical Society*, **2015**, 137, 1412-5	16.4	304
20	Aptasensor with Expanded Nucleotide Using DNA Nanotetrahedra for Electrochemical Detection of Cancerous Exosomes. *ACS Nano*, **2017**, 11, 3943-3949	16.7	264
19	A Nonenzymatic Hairpin DNA Cascade Reaction Provides High Signal Gain of mRNA Imaging inside Live Cells. *Journal of the American Chemical Society*, **2015**, 137, 4900-3	16.4	234
18	Evolution of functional six-nucleotide DNA. *Journal of the American Chemical Society*, **2015**, 137, 6734-7	16.4	143
17	Facile surface functionalization of hydrophobic magnetic nanoparticles. *Journal of the American Chemical Society*, **2014**, 136, 12552-5	16.4	124
16	Engineering of switchable aptamer micelle flares for molecular imaging in living cells. *ACS Nano*, **2013**, 7, 5724-31	16.7	110
15	Ionic Functionalization of Hydrophobic Colloidal Nanoparticles To Form Ionic Nanoparticles with Enzymelike Properties. *Journal of the American Chemical Society*, **2015**, 137, 14952-8	16.4	105
14	Self-assembled Multifunctional DNA Nanoflowers for the Circumvention of Multidrug Resistance in Targeted Anticancer Drug Delivery. *Nano Research*, **2015**, 8, 3447-3460	10	68
13	Aptamers against Cells Overexpressing Glypican 3 from Expanded Genetic Systems Combined with Cell Engineering and Laboratory Evolution. *Angewandte Chemie - International Edition*, **2016**, 55, 12372-5	16.4	60
12	ICG-conjugated Magnetic Graphene Oxide for Dual Photothermal and Photodynamic Therapy. *RSC Advances*, **2016**, 6, 30285-30292	3.7	46
11	Cancer cell sensing and therapy using affinity tag-conjugated gold nanorods. *Interface Focus*, **2013**, 3, 20130006	3.9	37
10	Nuclease-resistant synthetic drug-DNA adducts: programmable drug-DNA conjugation for targeted anticancer drug delivery. *NPG Asia Materials*, **2015**, 7, e169-e169	10.3	32
9	DNA Aptamer Based Nanodrugs: Molecular Engineering for Efficiency. *Chemistry - an Asian Journal*, **2015**, 10, 2084-94	4.5	31
8	Enhanced Targeted Gene Transduction: AAV2 Vectors Conjugated to Multiple Aptamers via Reducible Disulfide Linkages. *Journal of the American Chemical Society*, **2018**, 140, 2-5	16.4	30
7	DNA micelle flares: a study of the basic properties that contribute to enhanced stability and binding affinity in complex biological systems. *Chemical Science*, **2016**, 7, 6041-6049	9.4	30
6	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. *Angewandte Chemie - International Edition*, **2017**, 56, 11954-11957	16.4	27
5	Molecular Recognition of Human Liver Cancer Cells Using DNA Aptamers Generated via Cell-SELEX. *PLoS ONE*, **2015**, 10, e0125863	3.7	25

4	Development of a panel of DNA Aptamers with High Affinity for Pancreatic Ductal Adenocarcinoma. *Scientific Reports*, **2015**, 5, 16788	4.9	18
3	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. *Angewandte Chemie*, **2017**, 129, 12116-12119	3.6	13
2	Aptamers against Cells Overexpressing Glypican 3 from Expanded Genetic Systems Combined with Cell Engineering and Laboratory Evolution. *Angewandte Chemie*, **2016**, 128, 12560-12563	3.6	8
1	A Facile Process for the Preparation of Three-Dimensional Hollow Zn(OH)2 Nanoflowers at Room Temperature. *Chemistry - A European Journal*, **2016**, 22, 11143-7	4.8	3