

Nasa Savory

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

548
citations

1039406

9
h-index

1125271

13
g-index

16
all docs

16
docs citations

16
times ranked

823
citing authors

#	ARTICLE	IF	CITATIONS
1	Methods for Improving Aptamer Binding Affinity. <i>Molecules</i> , 2016, 21, 421.	1.7	181
2	Selection of DNA aptamer against prostate specific antigen using a genetic algorithm and application to sensing. <i>Biosensors and Bioelectronics</i> , 2010, 26, 1386-1391.	5.3	147
3	Antibody to CD137 Activated by Extracellular Adenosine Triphosphate Is Tumor Selective and Broadly Effective <i>In Vivo</i> without Systemic Immune Activation. <i>Cancer Discovery</i> , 2021, 11, 158-175.	7.7	57
4	In silico maturation of binding specificity of DNA aptamers against <i>Proteus mirabilis</i> . <i>Biotechnology and Bioengineering</i> , 2013, 110, 2573-2580.	1.7	42
5	Selection of DNA aptamers against uropathogenic <i>Escherichia coli</i> NSM59 by quantitative PCR controlled Cell-SELEX. <i>Journal of Microbiological Methods</i> , 2014, 104, 94-100.	0.7	26
6	Simultaneous improvement of specificity and affinity of aptamers against <i>Streptococcus mutans</i> by in silico maturation for biosensor development. <i>Biotechnology and Bioengineering</i> , 2014, 111, 454-461.	1.7	22
7	Improvement of the VEGF binding ability of DNA aptamers through in silico maturation and multimerization strategy. <i>Journal of Biotechnology</i> , 2015, 212, 99-105.	1.9	20
8	Development of a novel biosensing system based on the structural change of a polymerized guanine-quadruplex DNA nanostructure. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4837-4841.	5.3	15
9	DNA aptamers against the Cry j 2 allergen of Japanese cedar pollen for biosensing applications. <i>Biosensors and Bioelectronics</i> , 2015, 63, 159-165.	5.3	11
10	G-quadruplex-forming aptamer enhances the peroxidase activity of myoglobin against luminol. <i>Nucleic Acids Research</i> , 2021, 49, 6069-6081.	6.5	8
11	Two-Dimensional Electrophoresis-Based Selection of Aptamers Against an Unidentified Protein in a Tissue Sample. <i>Analytical Letters</i> , 2013, 46, 2954-2963.	1.0	7
12	Development of HGF-binding aptamers with the combination of G4 promoter-derived aptamer selection and in silico maturation. <i>Biotechnology and Bioengineering</i> , 2017, 114, 2196-2203.	1.7	5
13	In silico Maturation: Processing Sequences to Improve Biopolymer Functions Based on Genetic Algorithms. , 2014, , 271-288.		4
14	Development of an automated direct blotting electrophoresis system for bioanalytical applications. <i>Analytical Methods</i> , 2015, 7, 4881-4884.	1.3	3
15	Inhibition of an Allergen-Antibody Reaction Related to Japanese Cedar Pollinosis Using DNA Aptamers Against the Cry j 2 Allergen. <i>Nucleic Acid Therapeutics</i> , 2015, 25, 311-316.	2.0	0
16	History of Aptamer Development. , 2017, , 1-26.		0