

# Deanpen Japrun

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

226  
citations

1305906

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h-index

1255698

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g-index

13  
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13  
docs citations

13  
times ranked

265  
citing authors

#	ARTICLE	IF	CITATIONS
1	The binding of apo and glucose-bound human serum albumins to a free graphene sheet in aqueous environment: Simulation studies. <i>Journal of Molecular Graphics and Modelling</i> , 2022, 110, 108073.	1.3	3
2	Detection of a miRNA biomarker for cancer diagnosis using SERS tags and magnetic separation. <i>Analytical Methods</i> , 2022, 14, 1938-1945.	1.3	4
3	Dual sensitive and rapid detection of glycated human serum albumin using a versatile lead/graphene nanocomposite probe as a fluorescence electrochemical aptasensor. <i>Analyst</i> , The, 2021, 146, 4357-4364.	1.7	9
4	How human serum albumin selective DNA aptamer binds to bovine and canine serum albumins. <i>Biopolymers</i> , 2021, 112, e23421.	1.2	10
5	Immobilization-Free Electrochemical Sensor Coupled with a Graphene-Oxide-Based Aptasensor for Glycated Albumin Detection. <i>Biosensors</i> , 2021, 11, 85.	2.3	13
6	Aptamer-functionalised magnetic particles for highly selective detection of urinary albumin in clinical samples of diabetic nephropathy and other kidney tract disease. <i>Analytica Chimica Acta</i> , 2021, 1154, 338302.	2.6	8
7	Pre-clinically evaluated visual lateral flow platform using influenza A and B nucleoprotein as a model and its potential applications. <i>RSC Advances</i> , 2021, 11, 18597-18604.	1.7	1
8	What Happens When a Complementary DNA Meets miR-29a Cancer Biomarker in Complex with a Graphene Quantum Dot. <i>ACS Applied Bio Materials</i> , 2021, 4, 8368-8376.	2.3	3
9	Sensitive detection of albuminuria by graphene oxide-mediated fluorescence quenching aptasensor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 231, 118128.	2.0	14
10	Glycated Albumin Measurement Using an Electrochemical Aptasensor for Screening and Monitoring of Diabetes Mellitus. <i>Electroanalysis</i> , 2019, 31, 2254-2261.	1.5	37
11	Ultrasensitive detection of lung cancer-associated miRNAs by multiple primer-mediated rolling circle amplification coupled with a graphene oxide fluorescence-based (MPRCA-GO) sensor. <i>Analyst</i> , The, 2019, 144, 4180-4187.	1.7	22
12	Rolling circle amplification and graphene-based sensor-on-a-chip for sensitive detection of serum circulating miRNAs. <i>Analytical Biochemistry</i> , 2019, 577, 89-97.	1.1	25
13	Graphene based aptasensor for glycated albumin in diabetes mellitus diagnosis and monitoring. <i>Biosensors and Bioelectronics</i> , 2016, 82, 140-145.	5.3	77