

Yao-Kai Duan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4192267/publications.pdf>

Version: 2024-02-01

21
papers

667
citations

759233

12
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1451
citing authors

#	ARTICLE	IF	CITATIONS
1	A Single Extracellular Vesicle (EV) Flow Cytometry Approach to Reveal EV Heterogeneity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15675-15680.	13.8	107
2	Recent Advances in Design of Fluorescence-Based Assays for High-Throughput Screening. <i>Analytical Chemistry</i> , 2019, 91, 482-504.	6.5	99
3	Highly Efficient Exosome Isolation and Protein Analysis by an Integrated Nanomaterial-Based Platform. <i>Analytical Chemistry</i> , 2018, 90, 2787-2795.	6.5	65
4	Prediction of protein corona on nanomaterials by machine learning using novel descriptors. <i>NanoImpact</i> , 2020, 17, 100207.	4.5	62
5	Distribution Profiling of Circulating MicroRNAs in Serum. <i>Analytical Chemistry</i> , 2014, 86, 9343-9349.	6.5	54
6	Identification of Key Licorice Constituents Which Interact with Cytochrome P450: Evaluation by LC/MS/MS Cocktail Assay and Metabolic Profiling. <i>AAPS Journal</i> , 2014, 16, 101-113.	4.4	48
7	Rapid Enrichment and Sensitive Detection of Multiple Metal Ions Enabled by Macroporous Graphene Foam. <i>Analytical Chemistry</i> , 2017, 89, 11758-11764.	6.5	34
8	ZrO ₂ Nanofiber as a Versatile Tool for Protein Analysis. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26414-26420.	8.0	32
9	Probing and quantifying DNA-protein interactions with asymmetrical flow field-flow fractionation. <i>Journal of Chromatography A</i> , 2014, 1358, 217-224.	3.7	30
10	Fluorescamine Labeling for Assessment of Protein Conformational Change and Binding Affinity in Protein-Nanoparticle Interaction. <i>Analytical Chemistry</i> , 2017, 89, 12160-12167.	6.5	23
11	High-Throughput Profiling of Nanoparticle-Protein Interactions by Fluorescamine Labeling. <i>Analytical Chemistry</i> , 2015, 87, 2213-2219.	6.5	22
12	A DNA aptamer for binding and inhibition of DNA methyltransferase 1. <i>Nucleic Acids Research</i> , 2019, 47, 11527-11537.	14.5	13
13	Photochemical Bionanoreactor for Efficient Visible-Light-Driven in Vitro Drug Metabolism. <i>Analytical Chemistry</i> , 2017, 89, 7365-7372.	6.5	11
14	Encapsulation of ionic nanoparticles produces reactive oxygen species (ROS)-responsive microgel useful for molecular detection. <i>Chemical Communications</i> , 2018, 54, 4329-4332.	4.1	11
15	Metal-assisted selective recognition of biothiols by a synthetic receptor array. <i>Chemical Communications</i> , 2018, 54, 13147-13150.	4.1	10
16	A supramolecular sensor array for selective immunoglobulin deficiency analysis. <i>Chemical Communications</i> , 2019, 55, 11563-11566.	4.1	10
17	Mapping Molecular Structure of Protein Locating on Nanoparticles with Limited Proteolysis. <i>Analytical Chemistry</i> , 2019, 91, 4204-4212.	6.5	10
18	Investigation of the binding sites and orientation of caffeine on human serum albumin by surface-enhanced Raman scattering and molecular docking. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 115, 57-63.	3.9	9

#	ARTICLE	IF	CITATIONS
19	Synthesis and activity of novel indole derivatives as inhibitors of CD38. <i>Acta Pharmaceutica Sinica B</i> , 2013, 3, 245-253.	12.0	8
20	A Single Extracellular Vesicle (EV) Flow Cytometry Approach to Reveal EV Heterogeneity. <i>Angewandte Chemie</i> , 2018, 130, 15901-15906.	2.0	5
21	Computational investigation of interactions between Cdc37 and celastrol. <i>Molecular Simulation</i> , 2013, 39, 270-278.	2.0	4