

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 | Prediction of protein corona on nanomaterials by machine learning using novel descriptors. <i>NanoImpact</i> , 2020, 17, 100207. | 4.5 | 62 |
| 2 | A supramolecular sensor array for selective immunoglobulin deficiency analysis. <i>Chemical Communications</i> , 2019, 55, 11563-11566. | 4.1 | 10 |
| 3 | Mapping Molecular Structure of Protein Locating on Nanoparticles with Limited Proteolysis. <i>Analytical Chemistry</i> , 2019, 91, 4204-4212. | 6.5 | 10 |
| 4 | A DNA aptamer for binding and inhibition of DNA methyltransferase 1. <i>Nucleic Acids Research</i> , 2019, 47, 11527-11537. | 14.5 | 13 |
| 5 | Recent Advances in Design of Fluorescence-Based Assays for High-Throughput Screening. <i>Analytical Chemistry</i> , 2019, 91, 482-504. | 6.5 | 99 |
| 6 | Highly Efficient Exosome Isolation and Protein Analysis by an Integrated Nanomaterial-Based Platform. <i>Analytical Chemistry</i> , 2018, 90, 2787-2795. | 6.5 | 65 |
| 7 | 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 |
| 8 | Metal-assisted selective recognition of biothiols by a synthetic receptor array. <i>Chemical Communications</i> , 2018, 54, 13147-13150. | 4.1 | 10 |
| 9 | 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 |
| 10 | A Single Extracellular Vesicle (EV) Flow Cytometry Approach to Reveal EV Heterogeneity. <i>Angewandte Chemie</i> , 2018, 130, 15901-15906. | 2.0 | 5 |
| 11 | Photochemical Bionanoreactor for Efficient Visible-Light-Driven in Vitro Drug Metabolism. <i>Analytical Chemistry</i> , 2017, 89, 7365-7372. | 6.5 | 11 |
| 12 | 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 |
| 13 | 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 |
| 14 | High-Throughput Profiling of Nanoparticle-Protein Interactions by Fluorescamine Labeling. <i>Analytical Chemistry</i> , 2015, 87, 2213-2219. | 6.5 | 22 |
| 15 | ZrO ₂ Nanofiber as a Versatile Tool for Protein Analysis. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26414-26420. | 8.0 | 32 |
| 16 | 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 |
| 17 | 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 |
| 18 | Distribution Profiling of Circulating MicroRNAs in Serum. <i>Analytical Chemistry</i> , 2014, 86, 9343-9349. | 6.5 | 54 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | 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 |
| 20 | Synthesis and activity of novel indole derivatives as inhibitors of CD38. <i>Acta Pharmaceutica Sinica B</i> , 2013, 3, 245-253. | 12.0 | 8 |
| 21 | Computational investigation of interactions between Cdc37 and celastrol. <i>Molecular Simulation</i> , 2013, 39, 270-278. | 2.0 | 4 |