

# Fuquan Dang

## List of Publications by Year in descending order

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18  
papers

512  
citations

759233

12  
h-index

888059

17  
g-index

18  
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18  
docs citations

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times ranked

680  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antifouling Gold-Inlaid BSA Coating for the Highly Efficient Capture of Circulating Tumor Cells. <i>Analytical Chemistry</i> , 2022, 94, 6754-6759.	6.5	10
2	C18-functionalized magnetic nanocomposites fabricated by one-step aqueous coating of tailored oligopeptides for enrichment of low-abundance peptides. <i>Journal of Chromatography A</i> , 2021, 1636, 461730.	3.7	0
3	One-step fabrication of bifunctional self-assembled oligopeptides anchored magnetic carbon nanoparticles and their application in copper (II) ions removal from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2020, 382, 121113.	12.4	19
4	Specific enrichment of phosphopeptides by using magnetic nanocomposites of type Fe <sub>3</sub> O <sub>4</sub> @graphene oxide and Fe <sub>3</sub> O <sub>4</sub> @C coated with self-assembled oligopeptides. <i>Mikrochimica Acta</i> , 2020, 187, 144.	5.0	4
5	One-step maltose-functionalization of magnetic nanoparticles based on self-assembled oligopeptides for selective enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , 2019, 1088, 63-71.	5.4	13
6	Versatile antifouling coatings based on self-assembled oligopeptides for engineering and biological materials. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2242-2246.	5.8	12
7	A novel peptide/Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -Au nanocomposite-based fluorescence biosensor for the highly selective and sensitive detection of prostate-specific antigen. <i>Talanta</i> , 2018, 179, 531-537.	5.5	37
8	Fabrication of a porous $\beta$ -cyclodextrin-polymer-coated solid-phase microextraction fiber for the simultaneous determination of five contaminants in water using gas chromatography-mass spectrometry. <i>RSC Advances</i> , 2018, 8, 22422-22428.	3.6	8
9	Ratiometric fluorescence sensor based on cholesterol oxidase-functionalized mesoporous silica nanoparticle@ZIF-8 core-shell nanocomposites for detection of cholesterol. <i>Talanta</i> , 2018, 188, 708-713.	5.5	50
10	Carbohydrate analysis on hybrid poly(dimethylsiloxane)/glass chips dynamically coated with ionic complementary peptide. <i>Journal of Chromatography A</i> , 2017, 1481, 152-157.	3.7	6
11	Lysozyme-mediated fabrication of well-defined core-shell nanoparticle@metal-organic framework nanocomposites. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20765-20770.	10.3	14
12	Size-selective QD@MOF core-shell nanocomposites for the highly sensitive monitoring of oxidase activities. <i>Biosensors and Bioelectronics</i> , 2017, 87, 339-344.	10.1	75
13	Key Role of Ionic Hydrogen Bonding in Nonspecific Protein Adsorption on a Hydrophobic Surface. <i>Journal of Physical Chemistry C</i> , 2016, 120, 19135-19141.	3.1	12
14	Surface Modification of Poly(dimethylsiloxane) Using Ionic Complementary Peptides to Minimize Nonspecific Protein Adsorption. <i>Langmuir</i> , 2015, 31, 5891-5898.	3.5	44
15	Carbohydrate-Protein Interactions Investigated on Plastic Chips Statically Coated with Hydrophobically Modified Hydroxyethylcellulose. <i>Analytical Chemistry</i> , 2009, 81, 10055-10060.	6.5	9
16	Hybrid Dynamic Coating with n-Dodecyl- $\beta$ -D-Maltoside and Methyl Cellulose for High-Performance Carbohydrate Analysis on Poly(methyl methacrylate) Chips. <i>Analytical Chemistry</i> , 2006, 78, 1452-1458.	6.5	48
17	Ultrafast analysis of oligosaccharides on microchip with light-emitting diode confocal fluorescence detection. <i>Electrophoresis</i> , 2003, 24, 714-721.	2.4	92
18	Characterization of Electrophoretic Behavior of Sugar Isomers by Microchip Electrophoresis Coupled with Videomicroscopy. <i>Analytical Chemistry</i> , 2003, 75, 2433-2439.	6.5	59