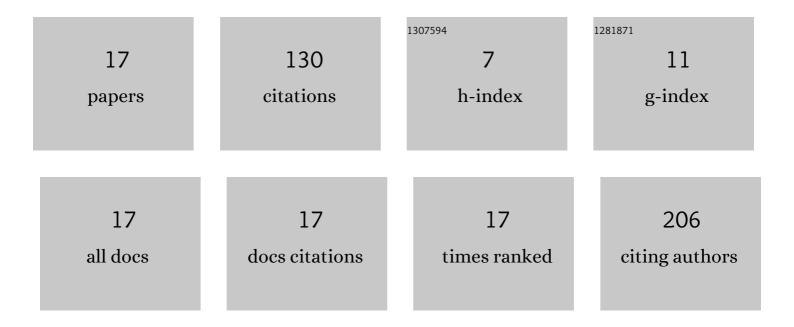
## Yuchen Wei

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A carbon dots-CdTe quantum dots fluorescence resonance energy transfer system for the analysis of ultra-trace chlortoluron in water. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1328-1334.	3.9	23
2	Molecular simulation study of the specific combination between four kinds of phthalic acid esters and human serum albumin. Environmental Toxicology and Pharmacology, 2016, 41, 259-265.	4.0	20
3	Detection of immunoglobulin G based on nanoparticle surface energy transfers from fluorescein isothiocyanate to gold nanoparticles. Analytical Methods, 2014, 6, 2560.	2.7	17
4	Investigating the affinity of BDE154 and 3OH-BDE154 with HSA: Experimental and simulation validation. Environmental Toxicology and Pharmacology, 2017, 51, 85-93.	4.0	12
5	Fluorescent kinetics combined with fourth-order calibration for the determination of diclofenac sodium in environmental water. Analytical and Bioanalytical Chemistry, 2019, 411, 2019-2029.	3.7	11
6	Study on the binding characteristics of hydroxylated polybrominated diphenyl ethers and thyroid transporters using the multispectral technique and computational simulation. Journal of Biomolecular Structure and Dynamics, 2019, 37, 1402-1413.	3.5	11
7	Binding of hydroxylated polybrominated diphenyl ethers with human serum albumin: Spectroscopic characterization and molecular modeling. Luminescence, 2017, 32, 978-987.	2.9	10
8	Carbon dots as fluorescent probe for "off–on―Detecting sodium dodecyl-benzenesulfonate in aqueous solution. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 268-272.	3.9	6
9	Probing the binding mechanism of polybrominated diphenyl ethers with transthyretin by multi-spectroscopic and molecular dynamics simulations. Analytical Methods, 2017, 9, 3929-3940.	2.7	6
10	Insight on the microscopic binding mechanism of bisphenol compounds (BPs) with transthyretin (TTR) based on multi-spectroscopic methods and computational simulations. Analytical and Bioanalytical Chemistry, 2022, , 1.	3.7	3
11	New Modes for the Prediction of Gas Chromatographic Relative Retention Times of Polybrominated Diphenyl Ethers. Chinese Journal of Chemistry, 2011, 29, 2495-2504.	4.9	2
12	Multiâ€ <b>s</b> pectroscopic and molecular dynamics simulations investigation of the binding mechanism of polybrominated diphenyl ethers to hen egg white lysozyme. Luminescence, 2019, 34, 749-758.	2.9	2
13	Exploring the toxic effects and mechanism of methoxylated polybrominated diphenyl ethers (MeOâ€PBDEs) on thyroxineâ€binding globulin (TBG): Synergy between spectroscopic and computations. Luminescence, 2021, 36, 1621-1631.	2.9	2
14	Interaction between laccase and diethylstilbestrol based on multispectral and chromatography analyses. Journal of Molecular Recognition, 2022, , e2951.	2.1	2
15	Molecular dynamics and spectral analysis for the binding of methoxylated polybrominated diphenyl ethers to lysozyme. Journal of Molecular Structure, 2021, 1226, 129329.	3.6	1
16	Determinants of Adenosine A <sub>2A</sub> Receptorsâ€Perfluoroalkyl Sulfonates Complex: Multiâ€&pectroscopic and Molecular Dynamics Simulation Study. ChemistrySelect, 2021, 6, 4633-4644.	1.5	1
17	Photophysical properties and dynamics simulation of the interaction between human serum albumin and hydroxy polybrominated diphenyl ether. Spectroscopy Letters, 2022, 55, 114-127.	1.0	1