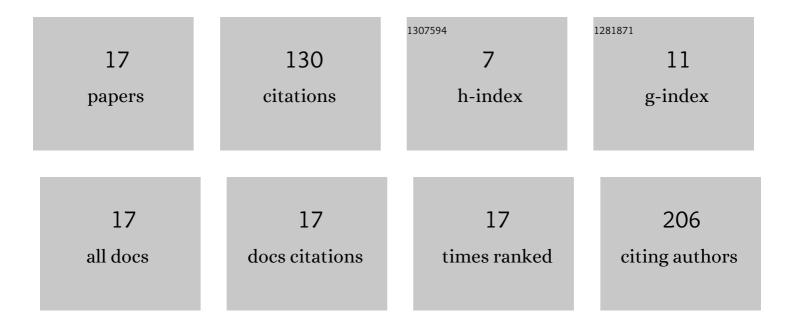
Yuchen Wei

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Interaction between laccase and diethylstilbestrol based on multispectral and chromatography analyses. Journal of Molecular Recognition, 2022, , e2951.	2.1	2
2	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
3	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
4	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
5	Determinants of Adenosine A _{2A} Receptorsâ€Perfluoroalkyl Sulfonates Complex: Multiâ€Spectroscopic and Molecular Dynamics Simulation Study. ChemistrySelect, 2021, 6, 4633-4644.	1.5	1
6	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
7	Multiâ€spectroscopic 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
8	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
9	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
10	Binding of hydroxylated polybrominated diphenyl ethers with human serum albumin: Spectroscopic characterization and molecular modeling. Luminescence, 2017, 32, 978-987.	2.9	10
11	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
12	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
13	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
14	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
15	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
16	Detection of immunoglobulin G based on nanoparticle surface energy transfers from fluorescein isothiocyanate to gold nanoparticles. Analytical Methods, 2014, 6, 2560.	2.7	17
17	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