# Yuchen Wei

List of Publications by Year
in descending order



| 17 | 130 | 1307594 7 | 1281871 11 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 17 | 17 | 17 | 206 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | 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<sub>2A</sub> 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 â€œoffâ€“onâ€•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 |