

# Yuchen Wei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1160858/publications.pdf>

Version: 2024-02-01

17  
papers

130  
citations

1307594

7  
h-index

1281871

11  
g-index

17  
all docs

17  
docs citations

17  
times ranked

206  
citing authors

#	ARTICLE	IF	CITATIONS
1	A carbon dots-CdTe quantum dots fluorescence resonance energy transfer system for the analysis of ultra-trace chlortoluron in water. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 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. <i>Environmental Toxicology and Pharmacology</i> , 2016, 41, 259-265.	4.0	20
3	Detection of immunoglobulin G based on nanoparticle surface energy transfers from fluorescein isothiocyanate to gold nanoparticles. <i>Analytical Methods</i> , 2014, 6, 2560.	2.7	17
4	Investigating the affinity of BDE154 and 3OH-BDE154 with HSA: Experimental and simulation validation. <i>Environmental Toxicology and Pharmacology</i> , 2017, 51, 85-93.	4.0	12
5	Fluorescent kinetics combined with fourth-order calibration for the determination of diclofenac sodium in environmental water. <i>Analytical and Bioanalytical Chemistry</i> , 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. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1402-1413.	3.5	11
7	Binding of hydroxylated polybrominated diphenyl ethers with human serum albumin: Spectroscopic characterization and molecular modeling. <i>Luminescence</i> , 2017, 32, 978-987.	2.9	10
8	Carbon dots as fluorescent probe for "off-on" Detecting sodium dodecyl-benzenesulfonate in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 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. <i>Analytical Methods</i> , 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. <i>Analytical and Bioanalytical Chemistry</i> , 2022, , 1.	3.7	3
11	New Modes for the Prediction of Gas Chromatographic Relative Retention Times of Polybrominated Diphenyl Ethers. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2495-2504.	4.9	2
12	Multi-spectroscopic and molecular dynamics simulations investigation of the binding mechanism of polybrominated diphenyl ethers to hen egg white lysozyme. <i>Luminescence</i> , 2019, 34, 749-758.	2.9	2
13	Exploring the toxic effects and mechanism of methoxylated polybrominated diphenyl ethers (MeO-PBDEs) on thyroxine-binding globulin (TBG): Synergy between spectroscopic and computations. <i>Luminescence</i> , 2021, 36, 1621-1631.	2.9	2
14	Interaction between laccase and diethylstilbestrol based on multispectral and chromatography analyses. <i>Journal of Molecular Recognition</i> , 2022, , e2951.	2.1	2
15	Molecular dynamics and spectral analysis for the binding of methoxylated polybrominated diphenyl ethers to lysozyme. <i>Journal of Molecular Structure</i> , 2021, 1226, 129329.	3.6	1
16	Determinants of Adenosine A <sub>2A</sub> Receptors-Perfluoroalkyl Sulfonates Complex: Multi-Spectroscopic and Molecular Dynamics Simulation Study. <i>ChemistrySelect</i> , 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. <i>Spectroscopy Letters</i> , 2022, 55, 114-127.	1.0	1