

# Yin-Zhu Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9834685/publications.pdf>

Version: 2024-02-01

10  
papers

700  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

753  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                    | IF   | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | A ratiometric electrochemiluminescence detection for cancer cells using g-C <sub>3</sub> N <sub>4</sub> nanosheets and Ag@PAMAM@luminol nanocomposites. <i>Biosensors and Bioelectronics</i> , 2016, 77, 76-82.            | 10.1 | 162       |
| 2  | Visual Color-Switch Electrochemiluminescence Biosensing of Cancer Cell Based on Multichannel Bipolar Electrode Chip. <i>Analytical Chemistry</i> , 2016, 88, 2884-2890.                                                    | 6.5  | 106       |
| 3  | Bipolar Electrode Based Multicolor Electrochemiluminescence Biosensor. <i>Analytical Chemistry</i> , 2017, 89, 8050-8056.                                                                                                  | 6.5  | 89        |
| 4  | Bidirectional Electrochemiluminescence Color Switch: An Application in Detecting Multimarkers of Prostate Cancer. <i>Analytical Chemistry</i> , 2018, 90, 3570-3575.                                                       | 6.5  | 86        |
| 5  | Electrochemiluminescence Energy Resonance Transfer System between RuSi Nanoparticles and Hollow Au Nanocages for Nucleic Acid Detection. <i>Analytical Chemistry</i> , 2018, 90, 10434-10441.                              | 6.5  | 84        |
| 6  | Spatial-resolved electrochemiluminescence ratiometry based on bipolar electrode for bioanalysis. <i>Biosensors and Bioelectronics</i> , 2016, 86, 683-689.                                                                 | 10.1 | 55        |
| 7  | A novel electrochemical biosensor for the determination of dopamine and ascorbic acid based on graphene oxide /poly(aniline-co-thionine) nanocomposite. <i>Journal of Electroanalytical Chemistry</i> , 2020, 873, 114352. | 3.8  | 54        |
| 8  | Bipolar electrode ratiometric electrochemiluminescence biosensing analysis based on boron nitride quantum dots and biological release system. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113393.                    | 10.1 | 29        |
| 9  | Ultrasensitive and Visual Electrochemiluminescence Ratiometry Based on a Constant Resistor-Integrated Bipolar Electrode for MicroRNA Detection. <i>Analytical Chemistry</i> , 2022, 94, 4303-4310.                         | 6.5  | 29        |
| 10 | A Highly Electroactive Poly(aniline-co-thionine) for Rechargeable Zinc Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 060526.                                                                       | 2.9  | 6         |