# Ya-Hao Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/451601/publications.pdf

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| 32 | 825 | 567144 15 | 477173 29 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 34 | 34 | 34 | 1008 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Substituent-mediated quantum interference toward a giant single-molecule conductance variation. Nanotechnology, 2022, 33, 095201. | 1.3 | 1 |
| 2 | Influence of a Coordinated Metal Center on Charge Transport through a Series of Porphyrin Molecular Junctions. Journal of Physical Chemistry C, 2022, 126, 1168-1175. | 1.5 | 4 |
| 3 | Visualizing an Electrochemically Induced Radical Cation of Bipyridine at Au(111)/Ionic Liquid Interfaces toward a Single-Molecule Switch. Analytical Chemistry, 2022, 94, 1823-1830. | 3.2 | 9 |
| 4 | Tuning the binding configurations of single-molecule junctions by molecular co-assembly. Chemical Communications, 2022, 58, 4962-4965. | 2.2 | 3 |
| 5 | Electrochemically activated carbonâ€“halogen bond cleavage and Câ€“C coupling monitored by in situ shell-isolated nanoparticle-enhanced Raman spectroscopy. Analyst, The, 2022, 147, 1341-1347. | 1.7 | 6 |
| 6 | Quantitative Detection of Creatinine in Human Serum by SERS with Evaporation-Induced Optimal Hotspots on Au Nanocubes. ACS Applied Nano Materials, 2022, 5, 4841-4847. | 2.4 | 9 |
| 7 | In Situ Raman Monitoring of Potential-Dependent Adlayer Structures on the Au(111)/Ionic Liquid Interface. Langmuir, 2022, 38, 6209-6216. | 1.6 | 6 |
| 8 | Enhanced Gating Performance of Single-Molecule Conductance by Heterocyclic Molecules. Journal of Physical Chemistry Letters, 2021, 12, 758-763. | 2.1 | 33 |
| 9 | z-Piezo Pulse-Modulated STM Break Junction: Toward Single-Molecule Rectifiers with Dissimilar Metal Electrodes. ACS Applied Materials & Interfaces, 2021, 13, 8656-8663. | 4.0 | 15 |
| 10 | Probing Interfacial Electronic Effects on Singleâ€Molecule Adsorption Geometry and Electron Transport at Atomically Flat Surfaces. Angewandte Chemie - International Edition, 2021, 60, 15452-15458. | 7.2 | 31 |
| 11 | Probing Interfacial Electronic Effects on Singleâ€Molecule Adsorption Geometry and Electron Transport at Atomically Flat Surfaces. Angewandte Chemie, 2021, 133, 15580-15586. | 1.6 | 1 |
| 12 | Revealing Supramolecular Interactions and Electron Transport in Single Molecular Junctions of Cucurbit[n]uril. Advanced Electronic Materials, 2021, 7, 2100399. | 2.6 | 10 |
| 13 | Facile Synthesis of Uniform Mesoporous Nb2O5 Micro-Flowers for Enhancing Photodegradation of Methyl Orange. Materials, 2021, 14, 3783. | 1.3 | 1 |
| 14 | Single-molecule anisotropic magnetoresistance at room temperature: Influence of molecular structure. Electrochimica Acta, 2021, 389, 138760. | 2.6 | 10 |
| 15 | Improving Gating Efficiency of Electron Transport through Redoxâ€Active Molecular Junctions with Conjugated Chains. ChemElectroChem, 2020, 7, 1337-1341. | 1.7 | 13 |
| 16 | Single-Molecule Sensing of Interfacial Acidâ€“Base Chemistry. Journal of Physical Chemistry Letters, 2020, 11, 10023-10028. | 2.1 | 20 |
| 17 | Modulating electron transport through single-molecule junctions by heteroatom substitution. Journal of Materials Chemistry C, 2020, 8, 6826-6831. | 2.7 | 15 |
| 18 | Inâ€…situ Spectroscopic Insight into the Origin of the Enhanced Performance of Bimetallic Nanocatalysts towards the Oxygen Reduction Reaction (ORR). Angewandte Chemie, 2019, 131, 16208-16212. | 1.6 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Inâ€…situ Spectroscopic Insight into the Origin of the Enhanced Performance of Bimetallic Nanocatalysts towards the Oxygen Reduction Reaction (ORR). Angewandte Chemie - International Edition, 2019, 58, 16062-16066. | 7.2 | 135 |
| 20 | Probing Interfacial Electronic and Catalytic Properties on Wellâ€Defined Surfaces by Using Inâ€…Situ Raman Spectroscopy. Angewandte Chemie, 2018, 130, 11427-11431. | 1.6 | 19 |
| 21 | Probing Interfacial Electronic and Catalytic Properties on Wellâ€Defined Surfaces by Using Inâ€…Situ Raman Spectroscopy. Angewandte Chemie - International Edition, 2018, 57, 11257-11261. | 7.2 | 60 |
| 22 | Revealing the Role of Interfacial Properties on Catalytic Behaviors by in Situ Surface-Enhanced Raman Spectroscopy. Journal of the American Chemical Society, 2017, 139, 10339-10346. | 6.6 | 127 |
| 23 | In situ electrochemical surface-enhanced Raman spectroscopy study of CO electrooxidation on PtFe nanocatalysts. Electrochemistry Communications, 2017, 81, 38-42. | 2.3 | 30 |
| 24 | In-situ monitoring of redox processes of viologen at Au(hkl) single-crystal electrodes using electrochemical shell-isolated nanoparticle-enhanced Raman spectroscopy. Electrochemistry Communications, 2016, 72, 131-134. | 2.3 | 8 |
| 25 | Shell-isolated nanoparticle-enhanced Raman spectroscopy study of the adsorption behaviour of DNA bases on Au(111) electrode surfaces. Analyst, The, 2016, 141, 3731-3736. | 1.7 | 23 |
| 26 | Single-molecule conductance with nitrile and amino contacts with Ag or Cu electrodes. Electrochimica Acta, 2015, 174, 340-344. | 2.6 | 7 |
| 27 | Multichannel Conductance of Folded Singleâ€Molecule Wires Aided by Throughâ€Space Conjugation. Angewandte Chemie - International Edition, 2015, 54, 4231-4235. | 7.2 | 92 |
| 28 | The binding sites of carboxylic acid group contacting to Cu electrode. Electrochemistry Communications, 2015, 59, 48-51. | 2.3 | 6 |
| 29 | Single-molecule conductance of dipyridines binding to Ag electrodes measured by electrochemical scanning tunneling microscopy break junction. Nanoscale Research Letters, 2014, 9, 77. | 3.1 | 6 |
| 30 | Tunneling Decay Constant of Alkanedicarboxylic Acids: Different Dependence on the Metal Electrodes between Air and Electrochemistry. Journal of Physical Chemistry C, 2014, 118, 18756-18761. | 1.5 | 26 |
| 31 | Conductance measurement of carboxylic acids binding to palladium nanoclusters by electrochemical jump-to-contact STM break junction. Electrochimica Acta, 2014, 123, 205-210. | 2.6 | 31 |
| 32 | Conductance of alkyl-based molecules with one, two and three chains measured by electrochemical STM break junction. Electrochemistry Communications, 2014, 45, 83-86. | 2.3 | 18 |