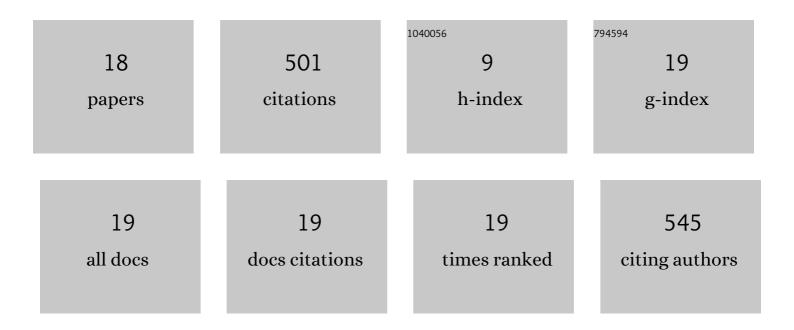
Yuki Komoto

List of Publications by Year in descending order

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YUKI KOMOTO

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Rectifying Electron-Transport Properties through Stacks of Aromatic Molecules Inserted into a Self-Assembled Cage. Journal of the American Chemical Society, 2015, 137, 5939-5947. | 13.7 | 126 |
| 2 | Single-molecule junctions for molecular electronics. Journal of Materials Chemistry C, 2016, 4, 8842-8858. | 5.5 | 88 |
| 3 | Site-Selection in Single-Molecule Junction for Highly Reproducible Molecular Electronics. Journal of the American Chemical Society, 2016, 138, 1294-1300. | 13.7 | 88 |
| 4 | Resolving metal-molecule interfaces at single-molecule junctions. Scientific Reports, 2016, 6, 26606. | 3.3 | 55 |
| 5 | High-Precision Single-Molecule Identification Based on Single-Molecule Information within a Noisy Matrix. Journal of Physical Chemistry C, 2019, 123, 15867-15873. | 3.1 | 33 |
| 6 | Evaluation of the Electronic Structure of Singleâ€Molecule Junctions Based on Current–Voltage and Thermopower Measurements: Application to C ₆₀ Singleâ€Molecule Junction. Chemistry - an Asian Journal, 2017, 12, 440-445. | 3.3 | 19 |
| 7 | Time-resolved neurotransmitter detection in mouse brain tissue using an artificial intelligence-nanogap. Scientific Reports, 2020, 10, 11244. | 3.3 | 18 |
| 8 | Rapid Discrimination of Extracellular Vesicles by Shape Distribution Analysis. Analytical Chemistry, 2021, 93, 7037-7044. | 6.5 | 15 |
| 9 | High electronic couplings of single mesitylene molecular junctions. Beilstein Journal of Nanotechnology, 2015, 6, 2431-2437. | 2.8 | 10 |
| 10 | Single-Molecule Counting of Nucleotide by Electrophoresis with Nanochannel-Integrated Nano-Gap Devices. Micromachines, 2020, 11, 982. | 2.9 | 9 |
| 11 | Detection of an alcohol-associated cancer marker by single-molecule quantum sequencing. Chemical Communications, 2020, 56, 14299-14302. | 4.1 | 8 |
| 12 | Dissecting Time-Evolved Conductance Behavior of Single Molecule Junctions by Nonparametric Machine Learning. Journal of Physical Chemistry Letters, 2020, 11, 6567-6572. | 4.6 | 7 |
| 13 | Length Discrimination of Homo-oligomeric Nucleic Acids with Single-molecule Measurement. Analytical Sciences, 2021, 37, 513-517. | 1.6 | 7 |
| 14 | Development of Single-Molecule Electrical Identification Method for Cyclic Adenosine Monophosphate Signaling Pathway. Nanomaterials, 2021, 11, 784. | 4.1 | 5 |
| 15 | Dependence of Molecular Diode Behaviors on Aromaticity. Journal of Physical Chemistry Letters, 2022, 13, 6359-6366. | 4.6 | 5 |
| 16 | Singleâ€Molecule Classification of Aspartic Acid and Leucine by Molecular Recognition through Hydrogen Bonding and Time‧eries Analysis. Chemistry - an Asian Journal, 2022, 17, . | 3.3 | 4 |
| 17 | Key aurophilic motif for robust quantum-tunneling-based characterization of a nucleoside analogue marker. Chemical Science, 2020, 11, 10135-10142. | 7.4 | 2 |
| 18 | Thermally activated charge transport in carbon atom chains. Nanoscale, 2020, 12, 11001-11007. | 5.6 | 1 |