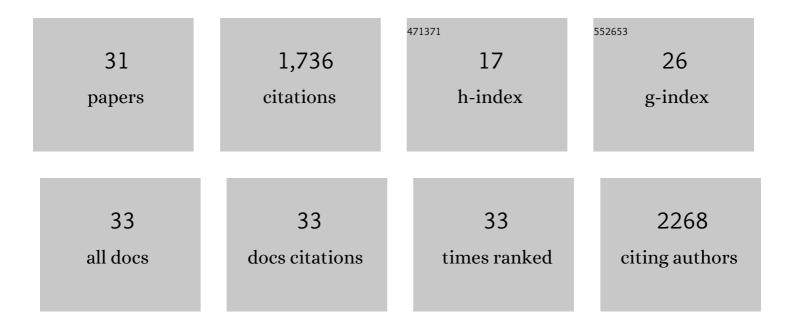
Albert C AragonÃ"s

List of Publications by Year in descending order

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ALREDT C ADACONÃ"S

#	Article	IF	CITATIONS
1	Electric fields as actuators in unimolecular contacts. Current Opinion in Electrochemistry, 2022, 35, 101032.	2.5	1
2	Electrochemical gating enhances nearfield trapping of single metalloprotein junctions. Journal of Materials Chemistry C, 2021, 9, 11698-11706.	2.7	6
3	Nearfield trapping increases lifetime of single-molecule junction by one order of magnitude. Cell Reports Physical Science, 2021, 2, 100389.	2.8	6
4	Tuning Single-Molecule Conductance by Controlled Electric Field-Induced trans-to-cis Isomerisation. Applied Sciences (Switzerland), 2021, 11, 3317.	1.3	11
5	Charge transport at the protein–electrode interface in the emerging field of BioMolecular Electronics. Current Opinion in Electrochemistry, 2021, 28, 100734.	2.5	29
6	Exploiting the plasmonic trapping in single-molecule junctions. , 2021, , .		0
7	Roomâ€Temperature Spinâ€Dependent Transport in Metalloporphyrinâ€Based Supramolecular Wires. Angewandte Chemie, 2021, 133, 26162-26169.	1.6	5
8	Roomâ€Temperature Spinâ€Dependent Transport in Metalloporphyrinâ€Based Supramolecular Wires. Angewandte Chemie - International Edition, 2021, 60, 25958-25965.	7.2	9
9	(Invited) Chemistry in a Nanoscale Gap. ECS Meeting Abstracts, 2021, MA2021-02, 1640-1640.	0.0	0
10	Tuning Singleâ€Molecule Conductance in Metalloporphyrinâ€Based Wires via Supramolecular Interactions. Angewandte Chemie, 2020, 132, 19355-19363.	1.6	5
11	Tuning Singleâ€Molecule Conductance in Metalloporphyrinâ€Based Wires via Supramolecular Interactions. Angewandte Chemie - International Edition, 2020, 59, 19193-19201.	7.2	19
12	Metal–Single-Molecule–Semiconductor Junctions Formed by a Radical Reaction Bridging Gold and Silicon Electrodes. Journal of the American Chemical Society, 2019, 141, 14788-14797.	6.6	62
13	Chemically and Mechanically Controlled Single-Molecule Switches Using Spiropyrans. ACS Applied Materials & Interfaces, 2019, 11, 36886-36894.	4.0	69
14	Control over Near-Ballistic Electron Transport through Formation of Parallel Pathways in a Single-Molecule Wire. Journal of the American Chemical Society, 2019, 141, 240-250.	6.6	39
15	Role of Ring <i>Ortho</i> Substituents on the Configuration of Carotenoid Polyene Chains. Organic Letters, 2018, 20, 493-496.	2.4	5
16	Mechanical Tuning of Throughâ€Molecule Conductance in a Conjugated Calix[4]pyrrole. ChemistrySelect, 2018, 3, 6473-6478.	0.7	18
17	Metal-Controlled Magnetoresistance at Room Temperature in Single-Molecule Devices. Journal of the American Chemical Society, 2017, 139, 5768-5778.	6.6	41
18	Single-molecule electrical contacts on silicon electrodes under ambient conditions. Nature Communications, 2017, 8, 15056.	5.8	93

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#	Article	IF	CITATIONS
19	Bioengineering a Single-Protein Junction. Journal of the American Chemical Society, 2017, 139, 15337-15346.	6.6	84
20	Measuring the Spinâ€Polarization Power of a Single Chiral Molecule. Small, 2017, 13, 1602519.	5.2	143
21	Electrostatic catalysis of a Diels–Alder reaction. Nature, 2016, 531, 88-91.	13.7	596
22	Tuning the electrical conductance of metalloporphyrin supramolecular wires. Scientific Reports, 2016, 6, 37352.	1.6	27
23	Large Conductance Switching in a Single-Molecule Device through Room Temperature Spin-Dependent Transport. Nano Letters, 2016, 16, 218-226.	4.5	148
24	Building Nanoscale Molecular Wires Exploiting Electrocatalytic Interactions. Electrochimica Acta, 2015, 179, 611-617.	2.6	19
25	Fineâ€Tuning of Singleâ€Molecule Conductance by Tweaking Both Electronic Structure and Conformation of Side Substituents. Chemistry - A European Journal, 2015, 21, 7716-7720.	1.7	33
26	The spontaneous formation of single-molecule junctions via terminal alkynes. Nanotechnology, 2015, 26, 381001.	1.3	35
27	Multi-Responsive Photo- and Chemo-Electrical Single-Molecule Switches. Nano Letters, 2014, 14, 7064-7070.	4.5	134
28	Highly Conductive Single-Molecule Wires with Controlled Orientation by Coordination of Metalloporphyrins. Nano Letters, 2014, 14, 4751-4756.	4.5	48
29	Study and improvement of aluminium doped ZnO thin films: Limits and advantages. Electrochimica Acta, 2013, 109, 117-124.	2.6	51
30	Detection of Single-Molecule Reaction Using STM Approach. Protocol Exchange, 0, , .	0.3	0
31	Nearfield Trapping Increases Lifetime of Single-Molecule Junction by One Order of Magnitude. SSRN Electronic Journal, 0, , .	0.4	0