Christian A Nijhuis

List of Publications by Year
in descending order

136 papers	8,897 citations	34016 52 h-index	43802 91 g-index
140 all docs	140 docs citations	140 times ranked	8792 citing authors

#	Article	IF	Citations
1	Electrochemical sensing in paper-based microfluidic devices. Lab on A Chip, 2010, 10, 477-483.	3.1	837
2	Quantum Plasmon Resonances Controlled by Molecular Tunnel Junctions. Science, 2014, 343, 1496-1499.	6.0	388
3	Multistep nucleation of nanocrystals in aqueous solution. Nature Chemistry, 2017, 9, 77-82.	6.6	312
4	The role of van der Waals forces in the performance of molecular diodes. Nature Nanotechnology, 2013, 8, 113-118.	15.6	299
5	Molecular Rectification in Metalâˆ’SAMâˆ’Metal Oxideâˆ’Metal Junctions. Journal of the American Chemical Society, 2009, 131, 17814-17827.	6.6	257
6	Robust resistive memory devices using solution-processable metal-coordinated azoÂaromatics. Nature Materials, 2017, 16, 1216-1224.	13.3	244
7	A Model for Describing the Thermodynamics of Multivalent Hostâˆ’Guest Interactions at Interfaces. Journal of the American Chemical Society, 2004, 126, 6784-6797.	6.6	240
8	Molecular diodes with rectification ratios exceeding 105 driven by electrostatic interactions. Nature Nanotechnology, 2017, 12, 797-803.	15.6	224
9	Charge Transport and Rectification in Arrays of SAM-Based Tunneling Junctions. Nano Letters, 2010, 10, 3611-3619.	4.5	213
10	Mechanism of Rectification in Tunneling Junctions Based on Molecules with Asymmetric Potential Drops. Journal of the American Chemical Society, 2010, 132, 18386-18401.	6.6	205
11	Electrical Resistance of Ag^{TS}â€“S(CH₂)_{<i>n</i>âˆ’1}CH₃//Ga₂O₃/EGaIn Tunneling Junctions. Journal of Physical Chemistry C, 2012, 116, 10848-10860.	1.5	197
12	Controlling the direction of rectification in a molecular diode. Nature Communications, 2015, 6, 6324.	5.8	197
13	Oddâˆ’Even Effects in Charge Transport across Self-Assembled Monolayers. Journal of the American Chemical Society, 2011, 133, 2962-2975.	6.6	187
14	Writing Patterns of Molecules on Molecular Printboards. Angewandte Chemie - International Edition, 2004, 43, 369-373.	7.2	162
15	Surface Plasmon Damping Quantified with an Electron Nanoprobe. Scientific Reports, 2013, 3, 1312.	1.6	133
16	Fewâ€Layer Black Phosphorus Carbide Fieldâ€Effect Transistor via Carbon Doping. Advanced Materials, 2017, 29, 1700503.	11.1	133
17	The SAM, Not the Electrodes, Dominates Charge Transport in Metal-Monolayer//Ga₂O₃/Galliumâ€“Indium Eutectic Junctions. ACS Nano, 2012, 6, 4806-4822.	7.3	130
18	Highly efficient on-chip direct electronicâ€“plasmonic transducers. Nature Photonics, 2017, 11, 623-627.	15.6	124

#	Article	IF	Citations
19	Electric-field-driven dual-functional molecular switches in tunnel junctions. Nature Materials, 2020, 19, 843-848.	13.3	124
20	Binding Control and Stoichiometry of Ferrocenyl Dendrimers at a Molecular Printboard. Journal of the American Chemical Society, 2004, 126, 12266-12267.	6.6	119
21	Electrochemically controlled supramolecular systems. Coordination Chemistry Reviews, 2007, 251, 1761-1780.	9.5	118
22	A Molecular Diode with a Statistically Robust Rectification Ratio of Three Orders of Magnitude. Nano Letters, 2015, 15, 5506-5512.	4.5	118
23	On-chip molecular electronic plasmon sources based on self-assembled monolayer tunnel junctions. Nature Photonics, 2016, 10, 274-280.	15.6	110
24	Statistical Tools for Analyzing Measurements of Charge Transport. Journal of Physical Chemistry C, 2012, 116, 6714-6733.	1.5	109
25	A Molecular Half-Wave Rectifier. Journal of the American Chemical Society, 2011, 133, 15397-15411.	6.6	102
26	On the Remarkable Role of Surface Topography of the Bottom Electrodes in Blocking Leakage Currents in Molecular Diodes. Journal of the American Chemical Society, 2014, 136, 6554-6557.	6.6	98
27	Transition from direct to inverted charge transport Marcus regions in molecular junctions via molecular orbital gating. Nature Nanotechnology, 2018, 13, 322-329.	15.6	98
28	A Black Phosphorus Carbide Infrared Phototransistor. Advanced Materials, 2018, 30, 1705039.	11.1	95
29	Equivalent Circuits of a Self-Assembled Monolayer-Based Tunnel Junction Determined by Impedance Spectroscopy. Journal of the American Chemical Society, 2014, 136, 11134-11144.	6.6	94
30	Multivalent Dendrimers at Molecular Printboards:â€‰ Influence of Dendrimer Structure on Binding Strength and Stoichiometry and Their Electrochemically Induced Desorption. Langmuir, 2005, 21, 7866-7876.	1.6	85
31	Reversible Soft Topâ€Contacts to Yield Molecular Junctions with Precise and Reproducible Electrical Characteristics. Advanced Functional Materials, 2014, 24, 4442-4456.	7.8	84
32	Giant enhancement in vertical conductivity of stacked CVD graphene sheets by self-assembled molecular layers. Nature Communications, 2014, 5, 5461.	5.8	83
33	Controlling Leakage Currents: The Role of the Binding Group and Purity of the Precursors for Self-Assembled Monolayers in the Performance of Molecular Diodes. Journal of the American Chemical Society, 2014, 136, 1982-1991.	6.6	83
34	Comparison of SAM-Based Junctions with Ga₂O₃/EGaIn Top Electrodes to Other Large-Area Tunneling Junctions. Journal of Physical Chemistry C, 2012, 116, 14139-14150.	1.5	82
35	Longâ€Range Tunneling Processes across Ferritinâ€Based Junctions. Advanced Materials, 2016, 28, 1824-1830.	11.1	79
36	Dependency of the Tunneling Decay Coefficient in Molecular Tunneling Junctions on the Topography of the Bottom Electrodes. Angewandte Chemie - International Edition, 2014, 53, 3377-3381.	7.2	78

#	Article	IF	Citations
37	A Single-Level Tunnel Model to Account for Electrical Transport through Single Molecule- and Self-Assembled Monolayer-based Junctions. Scientific Reports, 2016, 6, 26517.	1.6	70
38	Supramolecular Microcontact Printing and Dip-Pen Nanolithography on Molecular Printboards. Chemistry - A European Journal, 2005, 11, 3988-3996.	1.7	69
39	Charge disproportionate molecular redox for discrete memristive and memcapacitive switching. Nature Nanotechnology, 2020, 15, 380-389.	15.6	69
40	Even the Odd Numbers Help: Failure Modes of SAM-Based Tunnel Junctions Probed via Odd-Even Effects Revealed in Synchrotrons and Supercomputers. Accounts of Chemical Research, 2016, 49, 2061-2069.	7.6	68
41	Real-Time Dynamics of Galvanic Replacement Reactions of Silver Nanocubes and Au Studied by Liquid-Cell Transmission Electron Microscopy. ACS Nano, 2016, 10, 7689-7695.	7.3	67
42	First-Row Transition Metal Bis(amidinate) Complexes; Planar Four-Coordination of FeII Enforced by Sterically Demanding Aryl Substituents. European Journal of Inorganic Chemistry, 2005, 2005, 2089-2099.	1.0	66
43	One Carbon Matters: The Origin and Reversal of Oddâ€“Even Effects in Molecular Diodes with Self-Assembled Monolayers of Ferrocenyl-Alkanethiolates. Journal of Physical Chemistry C, 2015, 119, 17910-17919.	1.5	66
44	Comparison of DC and AC Transport in 1.5â€“7.5 nm Oligophenylene Imine Molecular Wires across Two Junction Platforms: Eutectic Gaâ€“In versus Conducting Probe Atomic Force Microscope Junctions. Journal of the American Chemical Society, 2016, 138, 7305-7314.	6.6	64
45	The Origin of the Oddâ€“Even Effect in the Tunneling Rates across EGaIn Junctions with Self-Assembled Monolayers (SAMs) of <i>n</i>-Alkanethiolates. Journal of the American Chemical Society, 2015, 137, 10659-10667.	6.6	63
46	Molecular electronic plasmonics. Applied Materials Today, 2016, 3, 73-86.	2.3	63
47	Controlling the Supramolecular Assembly of Redox-Active Dendrimers at Molecular Printboards by Scanning Electrochemical Microscopy. Langmuir, 2006, 22, 9770-9775.	1.6	60
48	Nonideal Electrochemical Behavior of Ferrocenylâ€“Alkanethiolate SAMs Maps the Microenvironment of the Redox Unit. Journal of Physical Chemistry C, 2015, 119, 21978-21991.	1.5	58
49	Black Phosphorus Carbide as a Tunable Anisotropic Plasmonic Metasurface. ACS Photonics, 2018, 5, 3116-3123.	3.2	58
50	Defect Scaling with Contact Area in EGaIn-Based Junctions: Impact on Quality, Joule Heating, and Apparent Injection Current. Journal of Physical Chemistry C, 2015, 119, 960-969.	1.5	56
51	Real-Time Imaging of the Formation of Auâ€“Ag Coreâ€“Shell Nanoparticles. Journal of the American Chemical Society, 2016, 138, 5190-5193.	6.6	55
52	Cofabrication: A Strategy for Building Multicomponent Microsystems. Accounts of Chemical Research, 2010, 43, 518-528.	7.6	53
53	Tuning the Rectification Ratio by Changing the Electronic Nature (Open-Shell and Closed-Shell) in Donorâ€“Acceptor Self-Assembled Monolayers. Journal of the American Chemical Society, 2017, 139, 4262-4265.	6.6	51
54	One-Nanometer Thin Monolayers Remove the Deleterious Effect of Substrate Defects in Molecular Tunnel Junctions. Nano Letters, 2015, 15, 6643-6649.	4.5	50

#	Article	IF	Citations
55	Chemical control over the energy-level alignment in a two-terminal junction. Nature Communications, 2016, 7, 12066.	5.8	50
56	Luminescent Ruthenium Tripod Complexes: Properties in Solution and on Conductive Surfaces. Inorganic Chemistry, 2011, 50, 1581-1591.	1.9	49
57	Supramolecular vs Electronic Structure: The Effect of the Tilt Angle of the Active Group in the Performance of a Molecular Diode. Journal of the American Chemical Society, 2016, 138, 5769-5772.	6.6	49
58	Noncovalent Selfâ€Assembled Monolayers on Graphene as a Highly Stable Platform for Molecular Tunnel Junctions. Advanced Materials, 2016, 28, 631-639.	11.1	48
59	Redox-Controlled Interaction of Biferrocenyl-Terminated Dendrimers with Î²-Cyclodextrin Molecular Printboards. Chemistry - A European Journal, 2007, 13, 69-80.	1.7	47
60	Electrochemistry of Ferrocenyl Dendrimerâˆ'Î²-Cyclodextrin Assemblies at the Interface of an Aqueous Solution and a Molecular Printboard. Journal of Physical Chemistry C, 2007, 111, 9799-9810.	1.5	45
61	Bias induced transition from an ohmic to a non-ohmic interface in supramolecular tunneling junctions with Ga₂O₃/EGaIn top electrodes. Nanoscale, 2014, 6, 11246-11258.	2.8	41
62	Surface and buried interface layer studies on challenging structures as studied by ARXPS. Surface and Interface Analysis, 2017, 49, 1309-1315.	0.8	40
63	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
64	Arrays of high quality SAM-based junctions and their application in molecular diode based logic. Nanoscale, 2015, 7, 19547-19556.	2.8	38
65	Rectification Ratio and Tunneling Decay Coefficient Depend on the Contact Geometry Revealed by in Situ Imaging of the Formation of EGaIn Junctions. ACS Applied Materials & Interfaces, 2019, 11, 21018-21029.	4.0	37
66	Electrostatic control over temperature-dependent tunnelling across a single-molecule junction. Nature Communications, 2016, 7, 11595.	5.8	35
67	Stable Molecular Diodes Based on Ï€â€“Ï€ Interactions of the Molecular Frontier Orbitals with Graphene Electrodes. Advanced Materials, 2018, 30, 1706322.	11.1	35
68	Tuning the Tunneling Rate and Dielectric Response of SAMâ€Based Junctions via a Single Polarizable Atom. Advanced Materials, 2015, 27, 6689-6695.	11.1	34
69	Electrically-Excited Surface Plasmon Polaritons with Directionality Control. ACS Photonics, 2015, 2, 385-391.	3.2	34
70	Ultrasmooth and Photoresistâ€Free Microporeâ€Based EGaIn Molecular Junctions: Fabrication and How Roughness Determines Voltage Response. Advanced Functional Materials, 2019, 29, 1904452.	7.8	34
71	Room temperature conductance switching in a molecular iron(<scp>iii</scp>) spin crossover junction. Chemical Science, 2021, 12, 2381-2388.	3.7	33
72	Efficient Surface Plasmon Polariton Excitation and Control over Outcoupling Mechanisms in Metalâ€“Insulatorâ€“Metal Tunneling Junctions. Advanced Science, 2020, 7, 1900291.	5.6	32

#	Article	IF	Citations
73	Supramolecular Structure of Self-Assembled Monolayers of Ferrocenyl Terminated <i>n</i>-Alkanethiolates on Gold Surfaces. Langmuir, 2014, 30, 13447-13455.	1.6	30
74	Solid-State Protein Junctions: Cross-Laboratory Study Shows Preservation of Mechanism at Varying Electronic Coupling. IScience, 2020, 23, 101099.	1.9	30
75	Oddâ€“Even Effects in Charge Transport through Self-Assembled Monolayer of Alkanethiolates. Journal of Physical Chemistry C, 2015, 119, 5657-5662.	1.5	29
76	Protective Layers Based on Carbon Paint To Yield High-Quality Large-Area Molecular Junctions with Low Contact Resistance. Journal of the American Chemical Society, 2020, 142, 3513-3524.	6.6	29
77	Probing the nature and resistance of the moleculeâ€“electrode contact in SAM-based junctions. Nanoscale, 2015, 7, 12061-12067.	2.8	28
78	The Drive Force of Electrical Breakdown of Largeâ€Area Molecular Tunnel Junctions. Advanced Functional Materials, 2018, 28, 1801710.	7.8	28
79	Functional Redoxâ€Active Molecular Tunnel Junctions. Chemistry - an Asian Journal, 2020, 15, 3752-3770.	1.7	28
80	Interplay of Collective Electrostatic Effects and Level Alignment Dictates the Tunneling Rates across Halogenated Aromatic Monolayer Junctions. Journal of Physical Chemistry Letters, 2019, 10, 4142-4147.	2.1	25
81	Room-Temperature Single-Electron Tunneling in Dendrimer-Stabilized Gold Nanoparticles Anchored at a Molecular Printboard. Small, 2006, 2, 1422-1426.	5.2	24
82	Temperature dependent charge transport across tunnel junctions of single-molecules and self-assembled monolayers: a comparative study. Dalton Transactions, 2016, 45, 17153-17159.	1.6	22
83	Directional Excitation of Surface Plasmon Polaritons via Molecular Through-Bond Tunneling across Double-Barrier Tunnel Junctions. Nano Letters, 2019, 19, 4634-4640.	4.5	21
84	Reversal of the Direction of Rectification Induced by Fermi Level Pinning at Moleculeâ€“Electrode Interfaces in Redox-Active Tunneling Junctions. ACS Applied Materials & Interfaces, 2020, 12, 55044-55055.	4.0	21
85	Direct measurement of the local field within alkyl-ferrocenyl-alkanethiolate monolayers: Importance of the supramolecular and electronic structure on the voltammetric response and potential profile. Electrochimica Acta, 2019, 311, 92-102.	2.6	20
86	Design principles of dual-functional molecular switches in solid-state tunnel junctions. Applied Physics Letters, 2020, 117, .	1.5	20
87	Neutral and Cationic Paramagnetic Amino-amidinate Iron(II) Complexes:¹⁹F NMR Evidence for Interactions with Weakly Coordinating Anions. Organometallics, 2008, 27, 2058-2065.	1.1	19
88	Role of Order in the Mechanism of Charge Transport across Single-Stranded and Double-Stranded DNA Monolayers in Tunnel Junctions. Journal of the American Chemical Society, 2021, 143, 20309-20319.	6.6	19
89	Fabrication of ultra-flat silver surfaces with sub-micro-meter scale grains. Thin Solid Films, 2015, 593, 26-39.	0.8	18
90	Large Increase in the Dielectric Constant and Partial Loss of Coherence Increases Tunneling Rates across Molecular Wires. ACS Applied Materials & Interfaces, 2020, 12, 45111-45121.	4.0	18

#	Article	IF	Citations
91	Electronically Transparent Graphene Barriers against Unwanted Doping of Silicon. ACS Applied Materials & Interfaces, 2014, 6, 20464-20472.	4.0	17
92	Charge transfer plasmon resonances across silverâ€"moleculeâ€"silver junctions: estimating the terahertz conductance of molecules at near-infrared frequencies. RSC Advances, 2016, 6, 70884-70894.	1.7	17
93	A single atom change turns insulating saturated wires into molecular conductors. Nature Communications, 2021, 12, 3432.	5.8	16
94	Plasmon-Modulated Photoluminescence of Single Gold Nanobeams. ACS Photonics, 2015, 2, 1348-1354.	3.2	15
95	Supramolecular Structure of the Monolayer Triggers Oddâ€"Even Effects in the Tunneling Rates across Noncovalent Junctions on Graphene. Journal of Physical Chemistry C, 2017, 121, 4172-4180.	1.5	15
96	Influence of the donor unit on the rectification ratio in tunnel junctions based on donorâ€"acceptor SAMs using PTM units as acceptors. Physical Chemistry Chemical Physics, 2018, 20, 25638-25647.	1.3	15
97	One-Pot Preparation of Mechanically Robust, Transparent, Highly Conductive, and Memristive Metalâ€"Organic Ultrathin Film. ACS Nano, 2018, 12, 10171-10177.	7.3	15
98	Graphene nanocoating provides superb long-lasting corrosion protection to titanium alloy. Dental Materials, 2021, 37, 1553-1560.	1.6	15
99	Formation Mechanism of Metalâ€"Moleculeâ€"Metal Junctions: Molecule-Assisted Migration on Metal Defects. Journal of Physical Chemistry C, 2015, 119, 19438-19451.	1.5	14
100	Molecular Coatings for Stabilizing Silver and Gold Nanocubes under Electron Beam Irradiation. Langmuir, 2017, 33, 1189-1196.	1.6	14
101	Biasâ€Polarityâ€Dependent Direct and Inverted Marcus Charge Transport Affecting Rectification in a Redoxâ€Active Molecular Junction. Advanced Science, 2021, 8, e2100055.	5.6	14
102	In Operando Characterization and Control over Intermittent Light Emission from Molecular Tunnel Junctions via Molecular Backbone Rigidity. Advanced Science, 2019, 6, 1900390.	5.6	13
103	Cavity Plasmonics in Tunnel Junctions: Outcoupling and the Role of Surface Roughness. Physical Review Applied, 2020, 14, .	1.5	12
104	Directional launching of surface plasmon polaritons by electrically driven aperiodic groove array reflectors. Nanophotonics, 2021, 10, 1145-1154.	2.9	12
105	Tuning charge transport across junctions of ferrocene-containing polymer brushes on ITO by controlling the brush thickness and the tether lengths. European Polymer Journal, 2017, 97, 282-291.	2.6	11
106	Unraveling the Failure Modes of Molecular Diodes: The Importance of the Monolayer Formation Protocol and Anchoring Group to Minimize Leakage Currents. Journal of Physical Chemistry C, 2019, 123, 19759-19767.	1.5	11
107	Silicon-Based Quantum Mechanical Tunnel Junction for Plasmon Excitation from Low-Energy Electron Tunneling. ACS Photonics, 2021, 8, 1951-1960.	3.2	11
108	The supramolecular structure and van der Waals interactions affect the electronic structure of ferrocenyl-alkanethiolate SAMs on gold and silver electrodes. Nanoscale Advances, 2019, 1, 1991-2002.	2.2	10

#	Article	IF	Citations
109	The Unusual Dielectric Response of Large Area Molecular Tunnel Junctions Probed with Impedance Spectroscopy. Advanced Electronic Materials, 2022, 8, 2100495.	2.6	10
110	Stable Universal 1â€•and 2â€Input Singleâ€Molecule Logic Gates. Advanced Materials, 2022, 34, e2202135.	11.1	10
111	Orbital dependent ultrafast charge transfer dynamics of ferrocenyl-functionalized SAMs on gold studied by core-hole clock spectroscopy. Journal of Physics Condensed Matter, 2016, 28, 094006.	0.7	9
112	Fabrication of ultra-smooth and oxide-free molecule-ferromagnetic metal interfaces for applications in molecular electronics under ordinary laboratory conditions. RSC Advances, 2017, 7, 14544-14551.	1.7	9
113	Bottom-electrode induced defects in self-assembled monolayer (SAM)-based tunnel junctions affect only the SAM resistance, not the contact resistance or SAM capacitance. RSC Advances, 2018, 8, 19939-19949.	1.7	9
114	CMOSâ€Compatible Electronicâ€“Plasmonic Transducers Based on Plasmonic Tunnel Junctions and Schottky Diodes. Small, 2022, 18, e2105684.	5.2	9
115	Large cooperative effects in tunneling rates across van der Waals coupled binary self-assembled monolayers. Nano Today, 2022, 44, 101497.	6.2	8
116	Optical Anisotropy in van der Waals materials: Impact on Direct Excitation of Plasmons and Photons by Quantum Tunneling. Light: Science and Applications, 2021, 10, 230.	7.7	7
117	Preventing the Capillary-Induced Collapse of Vertical Nanostructures. ACS Applied Materials & Interfaces, 2022, 14, 5537-5544.	4.0	7
118	Spatial Control over Stable Lightâ€Emission from ACâ€Driven CMOSâ€Compatible Quantum Mechanical Tunnel Junctions. Laser and Photonics Reviews, 2022, 16, .	4.4	7
119	Perspectiveâ€"Temperature Dependencies and Charge Transport Mechanisms in Molecular Tunneling Junctions Induced by Redox-Reactions. ECS Journal of Solid State Science and Technology, 2022, 11, 055005.	0.9	7
120	Switching of the mechanism of charge transport induced by phase transitions in tunnel junctions with large biomolecular cages. Journal of Materials Chemistry C, 2021, 9, 10768-10776.	2.7	6
121	Geometric control over surface plasmon polariton out-coupling pathways in metal-insulator-metal tunnel junctions. Optics Express, 2021, 29, 11987.	1.7	6
122	Improving Orientation, Packing Density, and Molecular Arrangement in Self-Assembled Monolayers of Bianchoring Ferroceneâ€“Triazole Derivatives by â€œClickâ€• Chemistry. Langmuir, 2022, 38, 3585-3596.	1.6	6
123	Interplay between Interfacial Energy, Contact Mechanics, and Capillary Forces in EGaIn Droplets. ACS Applied Materials & Interfaces, 2022, 14, 28074-28084.	4.0	6
124	Electrical detection of plasmon-induced isomerization in moleculeâ€“nanoparticle network devices. Nanoscale, 2018, 10, 23122-23130.	2.8	5
125	The energy level alignment of the ferroceneâ€“EGaIn interface studied with photoelectron spectroscopy. Physical Chemistry Chemical Physics, 2021, 23, 13458-13467.	1.3	5
126	Room-temperature tunnel magnetoresistance across biomolecular tunnel junctions based on ferritin. JPhys Materials, 2021, 4, 035003.	1.8	5

#	Article	IF	Citations
127	How to distinguish between interacting and noninteracting molecules in tunnel junctions. Nanoscale, 2018, 10, 3904-3910.	2.8	4
128	Self-Assembly and Electrochemical Characterization of Ferrocene-based Molecular Diodes for Solar Rectenna Device. MRS Advances, 2020, 5, 3185-3194.	0.5	3
129	Coherence Between Different Propagating Surface Plasmon Polariton Modes Excited by Quantum Mechanical Tunnel Junctions. Advanced Optical Materials, 2022, 10, .	3.6	3
130	Molecular Electronic Plasmonics: In Operando Characterization and Control over Intermittent Light Emission from Molecular Tunnel Junctions via Molecular Backbone Rigidity (Adv. Sci. 20/2019). Advanced Science, 2019, 6, 1970122.	5.6	2
131	Energy-Level Alignment and Orbital-Selective Femtosecond Charge Transfer Dynamics of Redox-Active Molecules on Au, Ag, and Pt Metal Surfaces. Journal of Physical Chemistry C, 2021, 125, 18474-18482.	1.5	2
132	Geometric Control Over the Edge Diffraction of Electrically Excited Surface Plasmon Polaritons by Tunnel Junctions. ACS Photonics, 2021, 8, 3591-3598.	3.2	2
133	Phase Matching via Plasmonic Modal Dispersion for Third Harmonic Generation. Advanced Science, 2022, 9, .	5.6	2
134	Biomolecular control over local gating in bilayer graphene induced by ferritin. IScience, 2022, 25, 104128.	1.9	1
135	Tuning the Tunnelling Decay Coefficient Using Single Polarizable Atoms via Energy Level Engineering of the Frontier Orbitals. , 0, , .		0
136	Tuning the Tunnelling Decay Coefficient Using Single Polarizable Atoms via Energy Level Engineering of the Frontier Orbitals. , 0, , .		0