Colin P Nuckolls

List of Publications by Year
in descending order

183	18,579	16791 66	15253 130
papers	citations	h-index	g-index

196	196	196	21430
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atomically thin pâ€“n junctions with van der Waals heterointerfaces. Nature Nanotechnology, 2014, 9, 676-681.	15.6	1,953
2	Dependence of single-molecule junction conductance on molecular conformation. Nature, 2006, 442, 904-907.	13.7	1,253
3	Single-Molecule Circuits with Well-Defined Molecular Conductance. Nano Letters, 2006, 6, 458-462.	4.5	734
4	Strong Enhancement of Nonlinear Optical Properties Through Supramolecular Chirality. , 1998, 282, 913-915.		680
5	Coulomb engineering of the bandgap and excitons in two-dimensional materials. Nature Communications, 2017, 8, 15251.	5.8	526
6	Molecular helices as electron acceptors in high-performance bulk heterojunction solar cells. Nature Communications, 2015, 6, 8242.	5.8	525
7	Chemical principles of single-molecule electronics. Nature Reviews Materials, 2016, 1, .	23.3	442
8	Covalently Bridging Gaps in Single-Walled Carbon Nanotubes with Conducting Molecules. Science, 2006, 311, 356-359.	6.0	438
9	Efficient Organic Solar Cells with Helical Perylene Diimide Electron Acceptors. Journal of the American Chemical Society, 2014, 136, 15215-15221.	6.6	414
10	Contorted Polycyclic Aromatics. Accounts of Chemical Research, 2015, 48, 267-276.	7.6	366
11	Label-free single-molecule detection of DNA-hybridization kinetics with a carbon nanotube field-effect transistor. Nature Nanotechnology, 2011, 6, 126-132.	15.6	360
12	Contact Chemistry and Single-Molecule Conductance:â€‰ A Comparison of Phosphines, Methyl Sulfides, and Amines. Journal of the American Chemical Society, 2007, 129, 15768-15769.	6.6	352
13	Conductivity of a single DNA duplex bridging a carbon nanotube gap. Nature Nanotechnology, 2008, 3, 163-167.	15.6	308
14	Translocation of Single-Stranded DNA Through Single-Walled Carbon Nanotubes. Science, 2010, 327, 64-67.	6.0	296
15	Molecular Wires from Contorted Aromatic Compounds. Angewandte Chemie - International Edition, 2005, 44, 7390-7394.	7.2	293
16	Molekulare Verkapselung. Angewandte Chemie, 2002, 114, 1556-1578.	1.6	286
17	Reversible Switching in Molecular Electronic Devices. Journal of the American Chemical Society, 2007, 129, 12590-12591.	6.6	282
18	Comprehensive suppression of single-molecule conductance using destructive Ïƒ-interference. Nature, 2018, 558, 415-419.	13.7	256

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19	Helical Ribbons for Molecular Electronics. Journal of the American Chemical Society, 2014, 136, 8122-8130.	6.6	243
20	Nanoscale Atoms in Solid-State Chemistry. Science, 2013, 341, 157-160.	6.0	199
21	Electrophotocatalysis with a Trisaminocyclopropenium Radical Dication. Angewandte Chemie - International Edition, 2019, 58, 13318-13322.	7.2	191
22	Molecular Electronic Devices Based on Single-Walled Carbon Nanotube Electrodes. Accounts of Chemical Research, 2008, 41, 1731-1741.	7.6	182
23	Stereoelectronic switching in single-molecule junctions. Nature Chemistry, 2015, 7, 215-220.	6.6	176
24	Dissecting Contact Mechanics from Quantum Interference in Single-Molecule Junctions of Stilbene Derivatives. Nano Letters, 2012, 12, 1643-1647.	4.5	161
25	Aggregation of Conjugated Helical Molecules. Journal of the American Chemical Society, 1996, 118, 3767-3768.	6.6	155
26	Dynamics of the triplet-pair state reveals the likely coexistence of coherent and incoherent singlet fission in crystalline hexacene. Nature Chemistry, 2017, 9, 341-346.	6.6	155
27	Synthesis and Aggregation of a Conjugated Helical Molecule. Journal of the American Chemical Society, 1999, 121, 79-88.	6.6	150
28	Long, Atomically Precise Donorâ€“Acceptor Cove-Edge Nanoribbons as Electron Acceptors. Journal of the American Chemical Society, 2017, 139, 5648-5651.	6.6	150
29	Supersized contorted aromatics. Chemical Science, 2013, 4, 2018.	3.7	141
30	Magnetic Order and Symmetry in the 2D Semiconductor CrSBr. Nano Letters, 2021, 21, 3511-3517.	4.5	141
31	Structure and Morphology of Helicene Fibers. Journal of the American Chemical Society, 1998, 120, 264-268.	6.6	134
32	Synthesis, Structure, and Properties of a Helical Columnar Liquid Crystal. Journal of the American Chemical Society, 1998, 120, 9541-9544.	6.6	131
33	Using Self-Organization To Control Morphology in Molecular Photovoltaics. Journal of the American Chemical Society, 2013, 135, 2207-2212.	6.6	126
34	Electron Delocalization in Perylene Diimide Helicenes. Angewandte Chemie - International Edition, 2016, 55, 13519-13523.	7.2	123
35	Circular Dichroism and UVâ^'Visible Absorption Spectra of the Langmuirâ^'Blodgett Films of an Aggregating Helicene. Journal of the American Chemical Society, 1998, 120, 8656-8660.	6.6	115
36	A Single-Molecule Potentiometer. Nano Letters, 2011, 11, 1575-1579.	4.5	111

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37	A Helicene Nanoribbon with Greatly Amplified Chirality. Journal of the American Chemical Society, 2018, 140, 6235-6239.	6.6	110
38	Flicker Noise as a Probe of Electronic Interaction at Metalâ€“Single Molecule Interfaces. Nano Letters, 2015, 15, 4143-4149.	4.5	109
39	Conjugated Macrocycles in Organic Electronics. Accounts of Chemical Research, 2019, 52, 1068-1078.	7.6	107
40	Superatoms in materials science. Nature Reviews Materials, 2020, 5, 371-387.	23.3	105
41	Chiral Conjugated Corrals. Journal of the American Chemical Society, 2015, 137, 9982-9987.	6.6	104
42	High-performance organic pseudocapacitors via molecular contortion. Nature Materials, 2021, 20, 1136-1141.	13.3	103
43	Macrocyclization in the Design of Organic n-Type Electronic Materials. Journal of the American Chemical Society, 2016, 138, 12861-12867.	6.6	101
44	Shape-shifting in contorted dibenzotetrathienocoronenes. Chemical Science, 2011, 2, 1480-1486.	3.7	100
45	Rigid, Conjugated Macrocycles for High Performance Organic Photodetectors. Journal of the American Chemical Society, 2016, 138, 16426-16431.	6.6	98
46	Helical Nanoribbons for Ultra-Narrowband Photodetectors. Journal of the American Chemical Society, 2017, 139, 5644-5647.	6.6	97
47	Directing isomerization reactions of cumulenes with electric fields. Nature Communications, 2019, 10, 4482.	5.8	97
48	Silane and Germane Molecular Electronics. Accounts of Chemical Research, 2017, 50, 1088-1095.	7.6	96
49	Amine-linked single-molecule circuits: systematic trends across molecular families. Journal of Physics Condensed Matter, 2008, 20, 374115.	0.7	95
50	Photoresponsive nanoscale columnar transistors. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 691-696.	3.3	94
51	Three-Dimensional Graphene Nanostructures. Journal of the American Chemical Society, 2018, 140, 9341-9345.	6.6	93
52	Conductive Molecular Silicon. Journal of the American Chemical Society, 2012, 134, 4541-4544.	6.6	91
53	Frustrated Rotations in Single-Molecule Junctions. Journal of the American Chemical Society, 2009, 131, 10820-10821.	6.6	89
54	Tuning Polymorphism and Orientation in Organic Semiconductor Thin Films via Post-deposition Processing. Journal of the American Chemical Society, 2014, 136, 15749-15756.	6.6	89

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55	Debye Screening in Single-Molecule Carbon Nanotube Field-Effect Sensors. Nano Letters, 2011, 11, 3739-3743.	4.5	88
56	Chirality Amplified: Long, Discrete Helicene Nanoribbons. Journal of the American Chemical Society, 2021, 143, 983-991.	6.6	85
57	A Supramolecular Complex in Smallâ€Molecule Solar Cells based on Contorted Aromatic Molecules. Angewandte Chemie - International Edition, 2012, 51, 8594-8597.	7.2	82
58	Direct Observation of Entropy-Driven Electron-Hole Pair Separation at an Organic Semiconductor Interface. Physical Review Letters, 2015, 114, 247003.	2.9	82
59	Reticulated Heterojunctions for Photovoltaic Devices. Angewandte Chemie - International Edition, 2010, 49, 7909-7912.	7.2	80
60	Self-Assembled Amphiphilic Diketopyrrolopyrrole-Based Oligothiophenes for Field-Effect Transistors and Solar Cells. Chemistry of Materials, 2011, 23, 2285-2288.	3.2	80
61	Single-Molecule Devices as Scaffolding for Multicomponent Nanostructure Assembly. Nano Letters, 2007, 7, 1119-1122.	4.5	78
62	Designing Three-Dimensional Architectures for High-Performance Electron Accepting Pseudocapacitors. Journal of the American Chemical Society, 2018, 140, 10960-10964.	6.6	78
63	Photovoltaic Universal Joints: Ballâ€andâ€Socket Interfaces in Molecular Photovoltaic Cells. ChemPhysChem, 2010, 11, 799-803.	1.0	74
64	Formation of Catalytic Metal-Molecule Contacts. Science, 2005, 309, 591-594.	6.0	69
65	Bending contorted hexabenzocoronene into a bowl. Chemical Science, 2011, 2, 132-135.	3.7	69
66	Small-Molecule Thiophene-C₆₀ Dyads As Compatibilizers in Inverted Polymer Solar Cells. Chemistry of Materials, 2010, 22, 5762-5773.	3.2	68
67	Electric Field Breakdown in Single Molecule Junctions. Journal of the American Chemical Society, 2015, 137, 5028-5033.	6.6	67
68	Intra- to Intermolecular Singlet Fission. Journal of Physical Chemistry C, 2015, 119, 1312-1319.	1.5	65
69	Building Diatomic and Triatomic Superatom Molecules. Nano Letters, 2016, 16, 5273-5277.	4.5	65
70	Organic Field Effect Transistors Based on Graphene and Hexagonal Boron Nitride Heterostructures. Advanced Functional Materials, 2014, 24, 5157-5163.	7.8	64
71	Single-Walled Carbon Nanotubes: Mimics of Biological Ion Channels. Nano Letters, 2017, 17, 1204-1211.	4.5	64
72	The Structural Origins of Intense Circular Dichroism in a Waggling Helicene Nanoribbon. Journal of the American Chemical Society, 2020, 142, 7066-7074.	6.6	62

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73	Second-Order Nonlinear Optical Properties of Highly Symmetric Chiral Thin Films. Langmuir, 2001, 17, 4685-4687.	1.6	61
74	Single-layer graphene cathodes for organic photovoltaics. Applied Physics Letters, 2011, 98, .	1.5	60
75	Coupling between magnetic order and charge transport in a two-dimensional magnetic semiconductor. Nature Materials, 2022, 21, 754-760.	13.3	60
76	Ferromagnetic Ordering in Superatomic Solids. Journal of the American Chemical Society, 2014, 136, 16926-16931.	6.6	58
77	Heterostructures based on inorganic and organic van der Waals systems. APL Materials, 2014, 2, .	2.2	57
78	Molecular Materials for Nonaqueous Flow Batteries with a High Coulombic Efficiency and Stable Cycling. Nano Letters, 2017, 17, 7859-7863.	4.5	57
79	van der Waals Solids from Self-Assembled Nanoscale Building Blocks. Nano Letters, 2016, 16, 1445-1449.	4.5	56
80	An aptameric graphene nanosensor for label-free detection of small-molecule biomarkers. Biosensors and Bioelectronics, 2015, 71, 222-229.	5.3	53
81	Coveâ€Edge Nanoribbon Materials for Efficient Inverted Halide Perovskite Solar Cells. Angewandte Chemie - International Edition, 2017, 56, 14648-14652.	7.2	51
82	Post-deposition Processing Methods To Induce Preferential Orientation in Contorted Hexabenzocoronene Thin Films. ACS Nano, 2013, 7, 294-300.	7.3	50
83	Single Electron Transistor with Single Aromatic Ring Molecule Covalently Connected to Graphene Nanogaps. Nano Letters, 2017, 17, 5335-5341.	4.5	50
84	Influence of Molecular Conformation on Electron Transport in Giant, Conjugated Macrocycles. Journal of the American Chemical Society, 2018, 140, 10135-10139.	6.6	48
85	Patterning Superatom Dopants on Transition Metal Dichalcogenides. Nano Letters, 2016, 16, 3385-3389.	4.5	47
86	Controlling Singlet Fission by Molecular Contortion. Journal of the American Chemical Society, 2019, 141, 13143-13147.	6.6	47
87	Defying strain in the synthesis of an electroactive bilayer helicene. Chemical Science, 2019, 10, 1029-1034.	3.7	47
88	Cumulene Wires Display Increasing Conductance with Increasing Length. Nano Letters, 2020, 20, 8415-8419.	4.5	47
89	Expanded Helicenes as Synthons for Chiral Macrocyclic Nanocarbons. Journal of the American Chemical Society, 2020, 142, 11084-11091.	6.6	45
90	High-Performance Organic Electronic Materials by Contorting Perylene Diimides. Journal of the American Chemical Society, 2022, 144, 42-51.	6.6	45

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91	Quasi-Phase-Matching in Chiral Materials. Physical Review Letters, 2000, 84, 79-82.	2.9	44
92	Solar Cells from a Solution Processable Pentacene with Improved Air Stability. Chemistry of Materials, 2009, 21, 4090-4092.	3.2	43
93	Donorâ€“Acceptor Shape Matching Drives Performance in Photovoltaics. Advanced Energy Materials, 2013, 3, 894-902.	10.2	43
94	Single-Molecule Conductance in Atomically Precise Germanium Wires. Journal of the American Chemical Society, 2015, 137, 12400-12405.	6.6	43
95	Electrophotocatalysis with a Trisaminocyclopropenium Radical Dication. Angewandte Chemie, 2019, 131, 13452-13456.	1.6	43
96	Unusual Molecular Conformations in Fluorinated, Contorted Hexabenzocoronenes. Organic Letters, 2010, 12, 4840-4843.	2.4	42
97	Silicon Ring Strain Creates High-Conductance Pathways in Single-Molecule Circuits. Journal of the American Chemical Society, 2013, 135, 18331-18334.	6.6	42
98	Conductance of Single Cobalt Chalcogenide Cluster Junctions. Journal of the American Chemical Society, 2011, 133, 8455-8457.	6.6	41
99	Superatomic Two-Dimensional Semiconductor. Nano Letters, 2018, 18, 1483-1488.	4.5	41
100	Single-Molecule Reaction Chemistry in Patterned Nanowells. Nano Letters, 2016, 16, 4679-4685.	4.5	38
101	Two-Dimensional Nanosheets from Redox-Active Superatoms. ACS Central Science, 2017, 3, 1050-1055.	5.3	38
102	Enhanced coupling through Ï€-stacking in imidazole-based molecular junctions. Chemical Science, 2019, 10, 9998-10002.	3.7	38
103	Highly conducting single-molecule topological insulators based on mono- and di-radical cations. Nature Chemistry, 2022, 14, 1061-1067.	6.6	38
104	Quantum Soldering of Individual Quantum Dots. Angewandte Chemie - International Edition, 2012, 51, 12473-12476.	7.2	37
105	Weaving Nanoscale Cloth through Electrostatic Templating. Journal of the American Chemical Society, 2017, 139, 11718-11721.	6.6	36
106	Hollow organic capsules assemble into cellular semiconductors. Nature Communications, 2018, 9, 1957.	5.8	34
107	Extreme Conductance Suppression in Molecular Siloxanes. Journal of the American Chemical Society, 2017, 139, 10212-10215.	6.6	33
108	Conductance measurement of single-walled carbon nanotubes in aqueous environment. Applied Physics Letters, 2003, 82, 2338-2340.	1.5	32

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109	Electron Delocalization in Perylene Diimide Helicenes. Angewandte Chemie, 2016, 128, 13717-13721.	1.6	32
110	Solvent-dependent conductance decay constants in single cluster junctions. Chemical Science, 2016, 7, 2701-2705.	3.7	31
111	Electrostatic melting in a single-molecule field-effect transistor with applications in genomic identification. Nature Communications, 2017, 8, 15450.	5.8	30
112	Functionalizing molecular wires: a tunable class of Î±,Ï‰-diphenyl-Î¼,Î½-dicyano-oligoenes. Chemical Science, 2012, 3, 1007.	3.7	29
113	Stepping into the Light: Conjugated Macrocycles with Donorâ€“Acceptor Motifs. ACS Central Science, 2015, 1, 416-417.	5.3	29
114	Mechanism for Siâ€“Si Bond Rupture in Single Molecule Junctions. Journal of the American Chemical Society, 2016, 138, 16159-16164.	6.6	29
115	Growth of serpentine carbon nanotubes on quartz substrates and their electrical properties. Nano Research, 2008, 1, 427-433.	5.8	28
116	Permethylation Introduces Destructive Quantum Interference in Saturated Silanes. Journal of the American Chemical Society, 2019, 141, 15471-15476.	6.6	28
117	Doping-Induced Superconductivity in the van der Waals Superatomic Crystal Re₆Se₈Cl₂. Nano Letters, 2020, 20, 1718-1724.	4.5	28
118	Length dependence of charge transport in oligoanilines. Applied Physics Letters, 2007, 90, 072112.	1.5	27
119	A solid dielectric gated graphene nanosensor in electrolyte solutions. Applied Physics Letters, 2015, 106, 123503.	1.5	27
120	Tuning Conductance in Ï€â€“Ïƒâ€“Ï€ Single-Molecule Wires. Journal of the American Chemical Society, 2016, 138, 7791-7795.	6.6	27
121	Large Variations in the Single-Molecule Conductance of Cyclic and Bicyclic Silanes. Journal of the American Chemical Society, 2018, 140, 15080-15088.	6.6	27
122	Using Deep Learning to Identify Molecular Junction Characteristics. Nano Letters, 2020, 20, 3320-3325.	4.5	27
123	Conformations of cyclopentasilane stereoisomers control molecular junction conductance. Chemical Science, 2016, 7, 5657-5662.	3.7	24
124	Epitaxially Selfâ€Assembled Alkane Layers for Graphene Electronics. Advanced Materials, 2017, 29, 1603925.	11.1	24
125	Electron Cartography in Clusters. Angewandte Chemie - International Edition, 2018, 57, 13815-13820.	7.2	24
126	Dimensional Control in Contorted Aromatic Materials. Chemical Record, 2019, 19, 1050-1061.	2.9	24

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127	A single-molecule blueprint for synthesis. Nature Reviews Chemistry, 2021, 5, 695-710.	13.8	24
128	Bidentate Phenoxides as Ideal Activating Ligands for Living Ring-Opening Alkyne Metathesis Polymerization. Macromolecules, 2012, 45, 5040-5044.	2.2	23
129	In Situ Coupling of Single Molecules Driven by Goldâ€Catalyzed Electrooxidation. Angewandte Chemie - International Edition, 2019, 58, 16008-16012.	7.2	23
130	Stringing the Perylene Diimide Bow. Angewandte Chemie - International Edition, 2020, 59, 14303-14307.	7.2	23
131	Single-Molecule Junction Formation in Break-Junction Measurements. Journal of Physical Chemistry Letters, 2021, 12, 10802-10807.	2.1	23
132	Visualizing Atomically Layered Magnetism in CrSBr. Advanced Materials, 2022, 34, e2201000.	11.1	22
133	Strain-Induced Stereoselective Formation of Blue-Emitting Cyclostilbenes. Journal of the American Chemical Society, 2015, 137, 12282-12288.	6.6	20
134	Functionalized Helical Building Blocks for Nanoelectronics. Organic Letters, 2018, 20, 1991-1994.	2.4	20
135	Silver Makes Better Electrical Contacts to Thiolâ€Terminated Silanes than Gold. Angewandte Chemie - International Edition, 2017, 56, 14145-14148.	7.2	19
136	Dimensional Control of Assembling Metal Chalcogenide Clusters. European Journal of Inorganic Chemistry, 2020, 2020, 1245-1254.	1.0	19
137	Long-Lived Charge Separation at Heterojunctions between Semiconducting Single-Walled Carbon Nanotubes and Perylene Diimide Electron Acceptors. Journal of Physical Chemistry C, 2018, 122, 14150-14161.	1.5	18
138	Superatom Fusion and the Nature of Quantum Confinement. Nano Letters, 2018, 18, 4564-4569.	4.5	18
139	Nanostructured electrodes for organic bulk heterojunction solar cells: Model study using carbon nanotube dispersed polythiophene-fullerene blend devices. Journal of Applied Physics, 2011, 110, .	1.1	17
140	Origin of Chiroptic Amplification in Perylene-Diimide Helicenes. Journal of Physical Chemistry C, 2021, 125, 2554-2564.	1.5	17
141	Polymer Growth by Functionalized Ruthenium Nanoparticles. Macromolecules, 2007, 40, 8151-8155.	2.2	16
142	Altering the Polymorphic Accessibility of Polycyclic Aromatic Hydrocarbons with Fluorination. Chemistry of Materials, 2017, 29, 4311-4316.	3.2	16
143	Coveâ€Edge Nanoribbon Materials for Efficient Inverted Halide Perovskite Solar Cells. Angewandte Chemie, 2017, 129, 14840-14844.	1.6	16
144	Anisotropic Singlet Fission in Single Crystalline Hexacene. IScience, 2019, 19, 1079-1089.	1.9	16

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145	Single-Electron Currents in Designer Single-Cluster Devices. Journal of the American Chemical Society, 2020, 142, 14924-14932.	6.6	16
146	Superatomic solid solutions. Nature Chemistry, 2021, 13, 607-613.	6.6	15
147	Synthesis, Regioselective Bromination, and Functionalization of Coronene Tetracarboxydiimide. Journal of Organic Chemistry, 2019, 84, 2713-2720.	1.7	14
148	Supramolecular Assemblies for Electronic Materials. Chemistry - A European Journal, 2020, 26, 3744-3748.	1.7	14
149	Reticulated Organic Photovoltaics. Advanced Functional Materials, 2012, 22, 1167-1173.	7.8	13
150	Ligand chemistry of titania precursor affects transient photovoltaic behavior in inverted organic solar cells. Applied Physics Letters, 2013, 102, 103302.	1.5	12
151	Non-fullerene Acceptors for Harvesting Excitons from Semiconducting Carbon Nanotubes. Journal of Physical Chemistry C, 2019, 123, 21395-21402.	1.5	12
152	Solution-Processable Superatomic Thin-Films. Journal of the American Chemical Society, 2019, 141, 10967-10971.	6.6	11
153	Shape Matching in Superatom Chemistry and Assembly. Journal of the American Chemical Society, 2020, 142, 11993-11998.	6.6	11
154	Pseudo-atomic orbital behavior in graphene nanoribbons with four-membered rings. Science Advances, 2021, 7, eabl5892.	4.7	11
155	Spectroscopic Study of Anisotropic Excitons in Single Crystal Hexacene. Journal of Physical Chemistry Letters, 2014, 5, 3632-3635.	2.1	10
156	Mo 6 S 3 Br 6 : An Anisotropic 2D Superatomic Semiconductor. Advanced Functional Materials, 2019, 29, 1902951.	7.8	10
157	Site-Selective Surface Modification of 2D Superatomic Re₆Se₈. Journal of the American Chemical Society, 2022, 144, 74-79.	6.6	10
158	Controlling Ligand Coordination Spheres and Cluster Fusion in Superatoms. Journal of the American Chemical Society, 2022, 144, 306-313.	6.6	10
159	Ï€-Conjugated redox-active two-dimensional polymers as organic cathode materials. Chemical Science, 2022, 13, 3533-3538.	3.7	9
160	Microbial nanocellulose biotextiles for a circular materials economy. Environmental Science Advances, 2022, 1, 276-284.	1.0	9
161	Increased Molecular Conductance in Oligo[n]phenylene Wires by Thermally Enhanced Dihedral Planarization. Nano Letters, 2022, 22, 4919-4924.	4.5	9
162	The importance of intramolecular conductivity in three dimensional molecular solids. Chemical Science, 2019, 10, 9339-9344.	3.7	7

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163	Superatom Regiochemistry Dictates the Assembly and Surface Reactivity of a Two-Dimensional Material. Journal of the American Chemical Society, 2022, 144, 1119-1124.	6.6	6
164	Cover Picture: Angew. Chem. Int. Ed. 9/2002. Angewandte Chemie - International Edition, 2002, 41, 1447-1447.	7.2	5
165	Stringing the Perylene Diimide Bow. Angewandte Chemie, 2020, 132, 14409-14413.	1.6	5
166	Titelbild: Angew. Chem. 9/2002. Angewandte Chemie, 2002, 114, 1513-1513.	1.6	4
167	A solid-gated graphene fet sensor for PH measurements. , 2015, , .		4
168	Electron Cartography in Clusters. Angewandte Chemie, 2018, 130, 14011-14016.	1.6	4
169	Polytypism, Anisotropic Transport, and Weyl Nodes in the van der Waals Metal TaFeTe4. Journal of the American Chemical Society, 2021, 143, 109-113.	6.6	4
170	In Situ Coupling of Single Molecules Driven by Goldâ€Catalyzed Electrooxidation. Angewandte Chemie, 2019, 131, 16154-16158.	1.6	3
171	Intermolecular Resonance Correlates Electron Pairs Down a Supermolecular Chain: Antiferromagnetism in K-Doped p-Terphenyl. Journal of the American Chemical Society, 2020, 142, 20624-20630.	6.6	3
172	Air-stable, long-length, solution-based graphene nanoribbons. Chemical Science, 2020, 11, 9978-9982.	3.7	3
173	Linking optical spectra to free charges in donor/acceptor heterojunctions: cross-correlation of transient microwave and optical spectroscopy. Materials Horizons, 2021, 8, 1509-1517.	6.4	3
174	Electrical conductivity in a non-covalent two-dimensional porous organic material with high crystallinity. Chemical Science, 2021, 12, 2955-2959.	3.7	3
175	Broad-band Chiral Absorbance of Visible Light. Journal of the American Chemical Society, 2022, 144, 5263-5267.	6.6	3
176	Contorted Octabenzocircumbiphenyl Sorts Semiconducting Single-Walled Carbon Nanotubes with Structural Specificity. Chemistry of Materials, 2017, 29, 595-604.	3.2	2
177	Silver Makes Better Electrical Contacts to Thiolâ€Terminated Silanes than Gold. Angewandte Chemie, 2017, 129, 14333-14336.	1.6	2
178	Charge sensing using point-functionalized carbonnanotube transistors for single-molecule detection. , 2011, , .		1
179	Strongly Correlated Ladders in K-Doped p-Terphenyl Crystals. Nano Letters, 2021, 21, 9573-9579.	4.5	1
180	Probing Nanoscale Pentacene Films by Resonant Raman Scattering. AIP Conference Proceedings, 2005, , .	0.3	0

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181	InnenrÃ¼cktitelbild: Quantum Soldering of Individual Quantum Dots (Angew. Chem. 50/2012). Angewandte Chemie, 2012, 124, 12797-12797.	1.6	0
182	Innentitelbild: Alcohol-Promoted Ring-Opening Alkyne Metathesis Polymerization (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	0
183	Dimensional Control of Assembling Metal Chalcogenide Clusters. European Journal of Inorganic Chemistry, 2020, 2020, 1243-1243.	1.0	0