

Johannes V Barth

List of Publications by Year in descending order

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312
papers

23,494
citations

8159

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9311

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Abiotic Formation of an Amide Bond via Surface-Supported Direct Carboxyl-Amine Coupling. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	9
2	Self-assembly and photoinduced fabrication of conductive nanographene wires on boron nitride. <i>Nature Communications</i> , 2022, 13, 442.	5.8	4
3	Depositing Molecular Graphene Nanoribbons on Ag(111) by Electrospray Controlled Ion Beam Deposition: Self-Assembly and On-Surface Transformations. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	10
4	Depositing Molecular Graphene Nanoribbons on Ag(111) by Electrospray Controlled Ion Beam Deposition: Self-Assembly and On-Surface Transformations. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
5	Engineering novel surface electronic states via complex supramolecular tessellations. <i>Nanoscale</i> , 2022, , .	2.8	4
6	Navigate Flying Molecular Elephants Safely to the Ground: Mass-Selective Soft Landing up to the Mega-Dalton Range by Electrospray Controlled Ion-Beam Deposition. <i>Analytical Chemistry</i> , 2022, 94, 7767-7778.	3.2	7
7	Interaction of cyclosporin A molecules with alkali and transition metal atoms on Cu(111). <i>Chemical Communications</i> , 2021, 57, 2923-2926.	2.2	2
8	Tunable Interface of Ruthenium Porphyrins and Silver. <i>Journal of Physical Chemistry C</i> , 2021, 125, 3215-3224.	1.5	14
9	Assembly and Manipulation of a Prototypical N-Heterocyclic Carbene with a Metalloporphyrin Pedestal on a Solid Surface. <i>Journal of the American Chemical Society</i> , 2021, 143, 4433-4439.	6.6	18
10	Atomistic investigation of surface characteristics and electronic features at high-purity FeSi(110) presenting interfacial metallicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	5
11	Tailoring Ordered Mesoporous Titania Films via Introducing Germanium Nanocrystals for Enhanced Electron Transfer Photoanodes for Photovoltaic Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2102105.	7.8	9
12	Conformational Control of Chemical Reactivity for Surface-Confined Ru-Porphyrins. <i>Angewandte Chemie</i> , 2021, 133, 16697-16703.	1.6	2
13	Conformational Control of Chemical Reactivity for Surface-Confined Ru-Porphyrins. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16561-16567.	7.2	12
14	Single Molecules in Strong Optical Fields: A Variable-Temperature Molecular Junction Spectroscopy Setup. <i>Analytical Chemistry</i> , 2021, 93, 9853-9859.	3.2	2
15	Surface-Mediated Ring-Opening and Porphyrin Deconstruction via Conformational Distortion. <i>Journal of the American Chemical Society</i> , 2021, 143, 15131-15138.	6.6	14
16	Actinide Coordination Chemistry on Surfaces: Synthesis, Manipulation, and Properties of Thorium Bis(porphyrinato) Complexes. <i>Journal of the American Chemical Society</i> , 2021, 143, 14581-14591.	6.6	9
17	Rotation in an Enantiospecific Self-Assembled Array of Molecular Raffle Wheels. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26932-26938.	7.2	5
18	The Flexible On-Surface Self-Assembly of a Low-Symmetry Mabiq Ligand: An Unconventional Metal-Assisted Phase Transformation on Ag(111). <i>Journal of Physical Chemistry C</i> , 2021, 125, 23178-23191.	1.5	2

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19	Surface-confined formation of conjugated porphyrin-based nanostructures on Ag(111). <i>Nanoscale</i> , 2021, 13, 19884-19889.	2.8	4
20	Modular Assembly of Vibrationally and Electronically Coupled Rhenium Bipyridine Carbonyl Complexes on Silicon. <i>Journal of the American Chemical Society</i> , 2021, 143, 19505-19516.	6.6	4
21	Onâ€‘surface Synthesis of a Semiconducting 2D Metalâ€‘Organic Framework $\text{Cu}_3(\text{C}_6\text{O}_6)$ Exhibiting Dispersive Electronic Bands. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2669-2673.	7.2	42
22	Onâ€‘surface Synthesis of a Semiconducting 2D Metalâ€‘Organic Framework $\text{Cu}_3(\text{C}_6\text{O}_6)$ Exhibiting Dispersive Electronic Bands. <i>Angewandte Chemie</i> , 2020, 132, 2691-2695.	1.6	15
23	Layer-by-Layer Epitaxy of Porphyrinâ€‘Ligand Fe(II)-Fe(III) Nanoarchitectures for Advanced Metalâ€‘Organic Framework Growth. <i>ACS Applied Nano Materials</i> , 2020, 3, 11752-11759.	2.4	12
24	Stabilisation of tri-valent ions with a vacant coordination site at a corroleâ€‘metal interface. <i>Chemical Communications</i> , 2020, 56, 11219-11222.	2.2	3
25	Boron Nitride Monolayers: Charge State Control of F_{16}CoPc on $\text{hBN}/\text{Cu}(111)$ (Adv.) <i>Tj ETQq</i> 1, 1.9 0.784314 rgBT	1.9	7
26	Charge State Control of F_{16}CoPc on $\text{hBN}/\text{Cu}(111)$. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000080.	1.9	7
27	Polycyclic aromatic chains on metals and insulating layers by repetitive $[3+2]$ Cycloadditions. <i>Nature Communications</i> , 2020, 11, 1490.	5.8	23
28	Validation of the inverted adsorption structure for free-base tetraphenyl porphyrin on Cu(111). <i>Chemical Communications</i> , 2020, 56, 3681-3684.	2.2	11
29	Electronâ€‘Phonon Coupling in Current-Driven Single-Molecule Junctions. <i>Journal of the American Chemical Society</i> , 2020, 142, 3384-3391.	6.6	20
30	Quantum Tunneling Mediated Interfacial Synthesis of a Benzofuran Derivative. <i>Angewandte Chemie</i> , 2019, 131, 11407-11412.	1.6	0
31	Attosecond Dynamics of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{s} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Band Photoexcitation. <i>Physical Review Letters</i> , 2019, 123, 176801.	2.9	9
32	Snapshots of Dynamic Adaptation: Twoâ€‘Dimensional Molecular Architectonics with Linear Bisâ€‘Hydroxamic Acid Modules. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18948-18956.	7.2	10
33	Amphiphilic diblock copolymer-mediated structure control in nanoporous germanium-based thin films. <i>Nanoscale</i> , 2019, 11, 2048-2055.	2.8	10
34	Onâ€‘Surface Activation of Trimethylsilylâ€‘Terminated Alkynes on Coinage Metal Surfaces. <i>ChemPhysChem</i> , 2019, 20, 2382-2393.	1.0	10
35	Surfaceâ€‘Dependent Chemoselectivity in $\text{C}\text{--}\text{C}$ Coupling Reactions. <i>Angewandte Chemie</i> , 2019, 131, 8444-8449.	1.6	0
36	Inâ€‘Situ Growth of Gadolinium Phthalocyaninato Sandwich Complexes on the Ag(111) Surface. <i>ChemPhysChem</i> , 2019, 20, 2301-2304.	1.0	4

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37	Spatial decoupling of macrocyclic metal-organic complexes from a metal support: a 4-fluorothiophenol self-assembled monolayer as a thermally removable spacer. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10992-11003.	1.3	10
38	Quantum Tunneling Mediated Interfacial Synthesis of a Benzofuran Derivative. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11285-11290.	7.2	3
39	Surface-Dependent Chemoselectivity in C-C Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8356-8361.	7.2	7
40	Synthesizing Highly Regular Single-Layer Alkynyl-Silver Networks at the Micrometer Scale via Gas-Mediated Surface Reaction. <i>Journal of the American Chemical Society</i> , 2019, 141, 5087-5091.	6.6	30
41	Local adsorption structure and bonding of porphine on Cu(111) before and after self-metalation. <i>Journal of Chemical Physics</i> , 2019, 150, 094702.	1.2	11
42	The Role of Kinetics versus Thermodynamics in Surface-Assisted Ullmann Coupling on Gold and Silver Surfaces. <i>Journal of the American Chemical Society</i> , 2019, 141, 4824-4832.	6.6	83
43	Frontispiz: Snapshots of Dynamic Adaptation: Two-Dimensional Molecular Architectonics with Linear Bis-Hydroxamic Acid Modules. <i>Angewandte Chemie</i> , 2019, 131, .	1.6	0
44	Frontispiece: Snapshots of Dynamic Adaptation: Two-Dimensional Molecular Architectonics with Linear Bis-Hydroxamic Acid Modules. <i>Angewandte Chemie - International Edition</i> , 2019, 58, .	7.2	0
45	Snapshots of Dynamic Adaptation: Two-Dimensional Molecular Architectonics with Linear Bis-Hydroxamic Acid Modules. <i>Angewandte Chemie</i> , 2019, 131, 19124-19132.	1.6	5
46	Bottom-Up Fabrication of a Metal-Supported Oxo-Metal Porphyrin. <i>Journal of Physical Chemistry C</i> , 2019, 123, 31011-31025.	1.5	12
47	Bisphenol A and Diethylstilbestrol on Cu(111): On-Surface Polymerization Initiated by Hydroxy-Directed <i>Ortho</i> C-H Bond Activation. <i>Journal of Physical Chemistry C</i> , 2019, 123, 1354-1361.	1.5	6
48	Metalation of Porphyrins by Lanthanide Atoms at Interfaces: Direct Observation and Stimulation of Cerium Coordination to 2H-TPP/Ag(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 5083-5092.	1.5	17
49	Identifying On-Surface Site-Selective Chemical Conversions by Theory-Aided NEXAFS Spectroscopy: The Case of Free-Base Corroles on Ag(111). <i>Chemistry - A European Journal</i> , 2018, 24, 6787-6797.	1.7	8
50	Tuning the ease of formation of on-surface metal-atom coordination polymers featuring diketones. <i>Nanoscale</i> , 2018, 10, 9561-9568.	2.8	17
51	Functionalized Graphdiyne Nanowires: On-Surface Synthesis and Assessment of Band Structure, Flexibility, and Information Storage Potential. <i>Small</i> , 2018, 14, e1704321.	5.2	38
52	Adsorption Conformation and Lateral Registry of Cobalt Porphine on Cu(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 5452-5461.	1.5	14
53	Lanthanide-Directed Assembly of Interfacial Coordination Architectures-From Complex Networks to Functional Nanosystems. <i>Accounts of Chemical Research</i> , 2018, 51, 365-375.	7.6	54
54	Complex supramolecular interfacial tessellation through convergent multi-step reaction of a dissymmetric simple organic precursor. <i>Nature Chemistry</i> , 2018, 10, 296-304.	6.6	68

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55	Voltage-Driven Conformational Switching with Distinct Raman Signature in a Single-Molecule Junction. <i>Journal of the American Chemical Society</i> , 2018, 140, 4835-4840.	6.6	39
56	Device-Compatible Chiroptical Surfaces through Self-Assembly of Enantiopure Allenes. <i>Langmuir</i> , 2018, 34, 4548-4553.	1.6	18
57	Isomerism control of diethylstilbestrol by metal surface induced O-H cleavage. <i>Chemical Communications</i> , 2018, 54, 12495-12498.	2.2	11
58	Exploration of Interfacial Porphine Coupling Schemes and Hybrid Systems by Bond-Resolved Scanning Probe Microscopy. <i>Angewandte Chemie</i> , 2018, 130, 16262-16267.	1.6	5
59	Exploration of Interfacial Porphine Coupling Schemes and Hybrid Systems by Bond-Resolved Scanning Probe Microscopy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16030-16035.	7.2	21
60	Assembly of Robust Holmium-Directed 2D Metal-Organic Coordination Complexes and Networks on the Ag(100) Surface. <i>ACS Nano</i> , 2018, 12, 11552-11560.	7.3	13
61	Unraveling the Oxidation and Spin State of Mn-Corrole through X-ray Spectroscopy and Quantum Chemical Analysis. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6412-6420.	2.1	14
62	Ho-Mediated Alkyne Reactions at Low Temperatures on Ag(111). <i>Chemistry - A European Journal</i> , 2018, 24, 16126-16135.	1.7	9
63	Absolute timing of the photoelectric effect. <i>Nature</i> , 2018, 561, 374-377.	13.7	77
64	Bandgap Engineering of Graphene Nanoribbons by Control over Structural Distortion. <i>Journal of the American Chemical Society</i> , 2018, 140, 7803-7809.	6.6	68
65	The self-assembly and metal adatom coordination of a linear bis-tetrazole ligand on Ag(111). <i>Chemical Communications</i> , 2018, 54, 10072-10075.	2.2	8
66	Epitaxy-Induced Assembly and Enantiomeric Switching of an On-Surface Formed Dinuclear Organocobalt Complex. <i>ACS Nano</i> , 2017, 11, 1347-1359.	7.3	8
67	On-Surface Site-Selective Cyclization of Corrole Radicals. <i>ACS Nano</i> , 2017, 11, 3383-3391.	7.3	24
68	Preservation of electronic properties of double-decker complexes on metallic supports. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8282-8287.	1.3	7
69	One-Dimensionally Disordered Chiral Sorting by Racemic Tiling in a Surface-Confined Supramolecular Assembly of Achiral Tectons. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7797-7802.	7.2	24
70	One-Dimensionally Disordered Chiral Sorting by Racemic Tiling in a Surface-Confined Supramolecular Assembly of Achiral Tectons. <i>Angewandte Chemie</i> , 2017, 129, 7905-7910.	1.6	6
71	Catalytic Hydrogenation and Hydrodeoxygenation of Furfural over Pt(111): A Model System for the Rational Design and Operation of Practical Biomass Conversion Catalysts. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8490-8497.	1.5	66
72	X-ray Spectroscopy of Thin Film Free-Base Corroles: A Combined Theoretical and Experimental Characterization. <i>Journal of Physical Chemistry C</i> , 2017, 121, 2192-2200.	1.5	14

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73	Nanoscale Phase Engineering of Niobium Diselenide. <i>Chemistry of Materials</i> , 2017, 29, 9907-9914.	3.2	33
74	<i>N</i> -Heterocyclic carbenes on close-packed coinage metal surfaces: bis-carbene metal adatom bonding scheme of monolayer films on Au, Ag and Cu. <i>Chemical Science</i> , 2017, 8, 8301-8308.	3.7	87
75	Corrugation in the Weakly Interacting Hexagonal-BN/Cu(111) System: Structure Determination by Combining Noncontact Atomic Force Microscopy and X-ray Standing Waves. <i>ACS Nano</i> , 2017, 11, 9151-9161.	7.3	56
76	Terminal Alkyne Coupling on a Corrugated Noble Metal Surface: From Controlled Precursor Alignment to Selective Reactions. <i>Chemistry - A European Journal</i> , 2017, 23, 15588-15593.	1.7	19
77	Correction to "In Vacuo Porphyrin Metalation on Ag(111) via Chemical Vapor Deposition of Ru ₃ (CO) ₁₂ : Mechanistic Insights". <i>Journal of Physical Chemistry C</i> , 2017, 121, 12503-12503.	1.5	1
78	Fusing tetrapyrroles to graphene edges by surface-assisted covalent coupling. <i>Nature Chemistry</i> , 2017, 9, 33-38.	6.6	103
79	Exploration of pyrazine-embedded antiaromatic polycyclic hydrocarbons generated by solution and on-surface azomethine ylide homocoupling. <i>Nature Communications</i> , 2017, 8, 1948.	5.8	88
80	Sub-cycle optical control of current in a semiconductor: from the multiphoton to the tunneling regime. <i>Optica</i> , 2016, 3, 1358.	4.8	59
81	Surface-Guided Formation of an Organocobalt Complex. <i>Angewandte Chemie</i> , 2016, 128, 5848-5853.	1.6	5
82	A Bifunctional Electrocatalyst for Oxygen Evolution and Oxygen Reduction Reactions in Water. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2350-2355.	7.2	124
83	Quasicrystallinity expressed in two-dimensional coordination networks. <i>Nature Chemistry</i> , 2016, 8, 657-662.	6.6	140
84	Tailoring Large Pores of Porphyrin Networks on Ag(111) by Metal-Organic Coordination. <i>Chemistry - A European Journal</i> , 2016, 22, 15298-15306.	1.7	32
85	Supramolecular Spangling, Crocheting, and Knitting of Functionalized Pyrene Molecules on a Silver Surface. <i>ACS Nano</i> , 2016, 10, 7665-7674.	7.3	32
86	Formation of a thermally stable bilayer of coadsorbed intact and deprotonated thymine exploiting the surface corrugation of rutile TiO ₂ (110). <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 20433-20442.	1.3	4
87	Toward interfacing organic semiconductors with ferromagnetic transition metal substrates: enhanced stability via carboxylate anchoring. <i>Chemical Communications</i> , 2016, 52, 9805-9808.	2.2	13
88	Direct quantitative identification of the "surface trans-effect". <i>Chemical Science</i> , 2016, 7, 5647-5656.	3.7	51
89	Comparative study of the interfaces of graphene and hexagonal boron nitride with silver. <i>Physical Review B</i> , 2016, 94, .	1.1	18
90	Direct Identification and Determination of Conformational Response in Adsorbed Individual Nonplanar Molecular Species Using Noncontact Atomic Force Microscopy. <i>Nano Letters</i> , 2016, 16, 7703-7709.	4.5	53

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91	Synthesis of Graphene Nanoribbons by Ambient-Pressure Chemical Vapor Deposition and Device Integration. <i>Journal of the American Chemical Society</i> , 2016, 138, 15488-15496.	6.6	129
92	Photoresponse of supramolecular self-assembled networks on graphene–diamond interfaces. <i>Nature Communications</i> , 2016, 7, 10700.	5.8	40
93	Iron phthalocyanine on Cu(111): Coverage-dependent assembly and symmetry breaking, temperature-induced homocoupling, and modification of the adsorbate-surface interaction by annealing. <i>Journal of Chemical Physics</i> , 2016, 144, 094702.	1.2	19
94	A Bifunctional Electrocatalyst for Oxygen Evolution and Oxygen Reduction Reactions in Water. <i>Angewandte Chemie</i> , 2016, 128, 2396-2401.	1.6	37
95	Intermolecular Hybridization Creating Nanopore Orbital in a Supramolecular Hydrocarbon Sheet. <i>Nano Letters</i> , 2016, 16, 4274-4281.	4.5	13
96	In Vacuo Porphyrin Metalation on Ag(111) via Chemical Vapor Deposition of Ru ₃ (CO) ₁₂ : Mechanistic Insights. <i>Journal of Physical Chemistry C</i> , 2016, 120, 8751-8758.	1.5	17
97	Surface-Guided Formation of an Organocobalt Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5754-5759.	7.2	20
98	In vacuo interfacial tetrapyrrole metallation. <i>Chemical Society Reviews</i> , 2016, 45, 1629-1656.	18.7	97
99	Synthesis of Pyrene-Fused Pyrazaacenes on Metal Surfaces: Toward One-Dimensional Conjugated Nanostructures. <i>ACS Nano</i> , 2016, 10, 1033-1041.	7.3	60
100	On-surface reaction of tetraphenylporphyrins with Os ₃ (CO) ₁₂ precursors and Os clusters: A scanning tunnelling microscopy investigation. <i>Surface Science</i> , 2016, 646, 26-30.	0.8	6
101	Dynamics of Spatially Confined Bisphenol A Trimers in a Unimolecular Network on Ag(111). <i>Nano Letters</i> , 2016, 16, 1884-1889.	4.5	21
102	Tetracene confinement in L-methionine gratings on the Ag(111) surface. <i>Surface Science</i> , 2016, 643, 87-90.	0.8	8
103	Tunable lanthanide-directed metallocsupramolecular networks by exploiting coordinative flexibility through ligand stoichiometry. <i>Chemical Communications</i> , 2016, 52, 1618-1621.	2.2	29
104	Dynamics and thermal stability of surface-confined metal–organic chains. <i>Surface Science</i> , 2016, 643, 91-97.	0.8	20
105	Nature of the bias-dependent symmetry reduction of iron phthalocyanine on Cu(111). <i>Physical Review B</i> , 2015, 92, .	1.1	22
106	Surface-Supported Robust 2D Lanthanide–Carboxylate Coordination Networks. <i>Small</i> , 2015, 11, 6358-6364.	5.2	43
107	Surface-Assisted Cyclodehydrogenation; Break the Symmetry, Enhance the Selectivity. <i>Chemistry - A European Journal</i> , 2015, 21, 12285-12290.	1.7	57
108	Synthesis, characterization, monolayer assembly and 2D lanthanide coordination of a linear terphenyl-di(propionitrile) linker on Ag(111). <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 327-335.	1.5	6

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109	Quantum confinement in self-assembled two-dimensional nanoporous honeycomb networks at close-packed metal surfaces. <i>Journal of Chemical Physics</i> , 2015, 142, 101931.	1.2	22
110	Controlling Coordination Reactions and Assembly on a Cu(111) Supported Boron Nitride Monolayer. <i>Journal of the American Chemical Society</i> , 2015, 137, 2420-2423.	6.6	52
111	Two-Dimensional Hierarchical Supramolecular Assembly of a Silole Derivative and Surface-Assisted Chemical Transformations. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3857-3863.	1.5	7
112	Porphyryns at interfaces. <i>Nature Chemistry</i> , 2015, 7, 105-120.	6.6	556
113	A 2D Semiconductorâ€“Selfâ€“Assembled Monolayer Photoswitchable Diode. <i>Advanced Materials</i> , 2015, 27, 1426-1431.	11.1	52
114	Direct observation of electron propagation and dielectric screening on the atomic length scale. <i>Nature</i> , 2015, 517, 342-346.	13.7	145
115	Scrutinizing individual CoTPP molecule adsorbed on coinage metal surfaces from the interplay of STM experiment and theory. <i>Surface Science</i> , 2015, 635, 108-114.	0.8	12
116	Visualization and thermodynamic encoding of single-molecule partition function projections. <i>Nature Communications</i> , 2015, 6, 6210.	5.8	23
117	Dual-Function Smart Electrolyte for Dye-Sensitized Solar Cells: 5-Mercaptotetrazoles as Redox Mediator and Corrosion Repressor. <i>Journal of Physical Chemistry C</i> , 2015, 119, 19613-19618.	1.5	15
118	Immobilisation of a molecular epoxidation catalyst on UiO-66 and -67: the effect of pore size on catalyst activity and recycling. <i>Dalton Transactions</i> , 2015, 44, 15976-15983.	1.6	38
119	On-Surface Synthesis of Carbon-Based Scaffolds and Nanomaterials Using Terminal Alkynes. <i>Accounts of Chemical Research</i> , 2015, 48, 2140-2150.	7.6	186
120	Immobilised molecular catalysts and the role of the supporting metal substrate. <i>Chemical Communications</i> , 2015, 51, 9483-9486.	2.2	29
121	Unusual Deprotonated Alkynyl Hydrogen Bonding in Metal-Supported Hydrocarbon Assembly. <i>Journal of Physical Chemistry C</i> , 2015, 119, 9669-9679.	1.5	39
122	Orthogonal Insertion of Lanthanide and Transitionâ€“Metal Atoms in Metalâ€“Organic Networks on Surfaces. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6163-6167.	7.2	50
123	Two-Level Spatial Modulation of Vibronic Conductance in Conjugated Oligophenylenes on Boron Nitride. <i>Nano Letters</i> , 2015, 15, 2242-2248.	4.5	19
124	Restoring the Co Magnetic Moments at Interfacial Co-Porphyrin Arrays by Site-Selective Uptake of Iron. <i>ACS Nano</i> , 2015, 9, 3605-3616.	7.3	17
125	Polyphenylsilole multilayers â€“ an insight from X-ray electron spectroscopy and density functional theory. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 31117-31124.	1.3	5
126	Two-dimensional soft supramolecular networks. <i>Chemical Communications</i> , 2015, 51, 17297-17300.	2.2	12

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127	Sub-Nanometer Width Armchair Graphene Nanoribbon Energy Gap Atlas. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3228-3235.	2.1	13
128	Tuning the optical emission of MoS ₂ nanosheets using proximal photoswitchable azobenzene molecules. <i>Applied Physics Letters</i> , 2014, 105, .	1.5	32
129	Morphological self-assembly of enantiopure allenes for upstanding chiral architectures at interfaces. <i>Chemical Communications</i> , 2014, 50, 15022-15025.	2.2	11
130	Emergence of Photoswitchable States in a Graphene–Azobenzene–Au Platform. <i>Nano Letters</i> , 2014, 14, 6823-6827.	4.5	40
131	Self-Assembly and Chemical Modifications of Bisphenol A on Cu(111): Interplay Between Ordering and Thermally Activated Stepwise Deprotonation. <i>ACS Nano</i> , 2014, 8, 207-215.	7.3	31
132	Solid-state light-phase detector. <i>Nature Photonics</i> , 2014, 8, 214-218.	15.6	75
133	Temperature-dependent templated growth of porphine thin films on the (111) facets of copper and silver. <i>Journal of Chemical Physics</i> , 2014, 141, 144703.	1.2	29
134	Synthesis of Extended Graphdiyne Wires by Vicinal Surface Templating. <i>Nano Letters</i> , 2014, 14, 1891-1897.	4.5	165
135	Meta-Positioning of Carbonitrile Functional Groups Induces Interfacial Edge-On Phase of Oligophenyl Derivatives. <i>Journal of Physical Chemistry C</i> , 2014, 118, 2622-2633.	1.5	6
136	Control of Molecular Organization and Energy Level Alignment by an Electronically Nanopatterned Boron Nitride Template. <i>ACS Nano</i> , 2014, 8, 430-442.	7.3	75
137	Addendum: Optical-field-induced current in dielectrics. <i>Nature</i> , 2014, 507, 386-387.	13.7	11
138	Unraveling the Mechanism of the Covalent Coupling Between Terminal Alkynes on a Noble Metal. <i>Journal of Physical Chemistry C</i> , 2014, 118, 3181-3187.	1.5	73
139	Five-Vertex Lanthanide Coordination on Surfaces: A Route to Sophisticated Nanoarchitectures and Tessellations. <i>Journal of Physical Chemistry C</i> , 2014, 118, 12908-12915.	1.5	34
140	Topological Dynamics in Supramolecular Rotors. <i>Nano Letters</i> , 2014, 14, 4461-4468.	4.5	31
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