

Richard Berndt

List of Publications by Year in descending order

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papers

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170
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170
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170
times ranked

5046
citing authors

#	ARTICLE	IF	CITATIONS
1	Kondo Scattering Observed at a Single Magnetic Impurity. <i>Physical Review Letters</i> , 1998, 80, 2893-2896.	7.8	590
2	Inelastic tunneling excitation of tip-induced plasmon modes on noble-metal surfaces. <i>Physical Review Letters</i> , 1991, 67, 3796-3799.	7.8	424
3	Two-Dimensional Self-Assembly of Supramolecular Clusters and Chains. <i>Physical Review Letters</i> , 1999, 83, 324-327.	7.8	396
4	Electron-Induced Spin Crossover of Single Molecules in a Bilayer on Gold. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6262-6266.	13.8	246
5	Electron Confinement to Nanoscale Ag Islands on Ag(111): A Quantitative Study. <i>Physical Review Letters</i> , 1998, 80, 3332-3335.	7.8	235
6	Surface-State Lifetime Measured by Scanning Tunneling Spectroscopy. <i>Physical Review Letters</i> , 1998, 81, 4464-4467.	7.8	185
7	Separation of a Racemic Mixture of Two-Dimensional Molecular Clusters by Scanning Tunneling Microscopy. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 821-823.	13.8	177
8	Local density of states from spectroscopic scanning-tunneling-microscope images: Ag(111). <i>Physical Review B</i> , 1997, 56, 7656-7659.	3.2	172
9	Pushing and Pulling a Sn Ion through an Adsorbed Phthalocyanine Molecule. <i>Journal of the American Chemical Society</i> , 2009, 131, 3639-3643.	13.7	167
10	Atomic-scale engineering of electrodes for single-molecule contacts. <i>Nature Nanotechnology</i> , 2011, 6, 23-27.	31.5	128
11	Photon emission in scanning tunneling microscopy: Interpretation of photon maps of metallic systems. <i>Physical Review B</i> , 1993, 48, 4746-4754.	3.2	115
12	Real Space Observation of a Chiral Phase Transition in a Two-Dimensional Organic Layer. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 792-795.	13.8	107
13	Passing Current through Touching Molecules. <i>Physical Review Letters</i> , 2009, 103, 206803.	7.8	104
14	Tip-Assisted Diffusion on Ag(110) in Scanning Tunneling Microscopy. <i>Physical Review Letters</i> , 1996, 76, 1888-1891.	7.8	99
15	Structural and Electronic Properties of Ultrathin Tin-Phthalocyanine Films on Ag(111) at the Single-Molecule Level. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1261-1265.	13.8	98
16	Electron-Plasmon and Electron-Electron Interactions at a Single Atom Contact. <i>Physical Review Letters</i> , 2009, 102, 057401.	7.8	91
17	Spin-Crossover Complex on Au(111): Structural and Electronic Differences Between Mono- and Multilayers. <i>Chemistry - A European Journal</i> , 2013, 19, 15702-15709.	3.3	91
18	Tunneling-induced luminescence from adsorbed organic molecules with submolecular lateral resolution. <i>Physical Review B</i> , 2002, 65, .	3.2	86

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19	Optical Probe of Quantum Shot-Noise Reduction at a Single-Atom Contact. <i>Physical Review Letters</i> , 2010, 105, 026601.	7.8	85
20	Controlled Metalation of a Single Adsorbed Phthalocyanine. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5294-5297.	13.8	84
21	Scanning tunnelling spectroscopy of electron resonators. <i>New Journal of Physics</i> , 2001, 3, 22-22.	2.9	79
22	Luminescence from Metallic Quantum Wells in a Scanning Tunneling Microscope. <i>Physical Review Letters</i> , 2001, 87, 176803.	7.8	75
23	Self-assembly of 1-nitronaphthalene on Au(111). <i>Surface Science</i> , 2000, 444, 199-210.	1.9	74
24	Vacuum-Evaporable Spin-Crossover Complexes in Direct Contact with a Solid Surface: Bismuth versus Gold. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1210-1219.	3.1	71
25	Robust and Selective Switching of an Fe ^{III} Spin-Crossover Compound on Cu ₂ N/Cu(100) with Memristance Behavior. <i>Nano Letters</i> , 2017, 17, 6613-6619.	9.1	67
26	Supramolecular Patterns Controlled by Electron Interference and Direct Intermolecular Interactions. <i>Journal of the American Chemical Society</i> , 2009, 131, 10400-10402.	13.7	66
27	Review Article: Structures of phthalocyanine molecules on surfaces studied by STM. <i>AIP Advances</i> , 2012, 2, .	1.3	64
28	Reversible coordination-induced spin-state switching in complexes on metal surfaces. <i>Nature Nanotechnology</i> , 2020, 15, 18-21.	31.5	64
29	CoPc adsorption on Cu(111): Origin of the C ₄ to C ₂ symmetry reduction. <i>Journal of Chemical Physics</i> , 2010, 133, 154701.	3.0	61
30	Transfer of Cl Ligands between Adsorbed Iron Tetraphenylporphyrin Molecules. <i>Journal of the American Chemical Society</i> , 2012, 134, 11844-11847.	13.7	60
31	Scanning tunneling microscope-induced molecular motion and its effect on the image formation. <i>Surface Science</i> , 1998, 408, 72-85.	1.9	59
32	Electronic decoupling of a cyclophane from a metal surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 961-964.	7.1	59
33	On-surface synthesis of heptacene and its interaction with a metal surface. <i>Nanoscale</i> , 2017, 9, 12461-12469.	5.6	59
34	Conductance of Oriented C ₆₀ Molecules. <i>Nano Letters</i> , 2008, 8, 1291-1295.	9.1	57
35	Corrugation reversal in scanning tunneling microscope images of organic molecules. <i>Physical Review B</i> , 1998, 57, 4081-4087.	3.2	55
36	Charge Injection through Single and Double Carbon Bonds. <i>Nano Letters</i> , 2011, 11, 3142-3146.	9.1	54

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37	Spin Manipulation by Creation of Single-Molecule Radical Cations. <i>Physical Review Letters</i> , 2016, 116, 027201.	7.8	53
38	Molecular Nanocrystals on Ultrathin NaCl Films on Au(111). <i>Journal of the American Chemical Society</i> , 2010, 132, 12546-12547.	13.7	51
39	Spectroscopy of Single Donors at ZnO(0001) Surfaces. <i>Physical Review Letters</i> , 2012, 108, 076801.	7.8	48
40	Two-Electron Photon Emission from Metallic Quantum Wells. <i>Physical Review Letters</i> , 2003, 90, 046803.	7.8	47
41	Force and conductance during contact formation to a C ₆₀ molecule. <i>New Journal of Physics</i> , 2012, 14, 073032.	2.9	46
42	Shot Noise as a Probe of Spin-Polarized Transport through Single Atoms. <i>Physical Review Letters</i> , 2015, 114, 016602.	7.8	46
43	Imaging Confined Electrons with Plasmonic Light. <i>Physical Review Letters</i> , 2008, 101, 136801.	7.8	44
44	Deposition of a Cationic Fe ^{III} Spin-Crossover Complex on Au(111): Impact of the Counter Ion. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1569-1573.	4.6	44
45	Scanning tunneling spectroscopy of Na on Cu(111). <i>Physical Review B</i> , 2001, 65, .	3.2	43
46	Isochromat spectroscopy of photons emitted from metal surfaces in an STM. <i>Annalen Der Physik</i> , 1993, 505, 133-140.	2.4	42
47	Surface Control of Alkyl Chain Conformations and 2D Chiral Amplification. <i>Journal of the American Chemical Society</i> , 2013, 135, 8814-8817.	13.7	41
48	Spin-Crossover Complexes in Direct Contact with Surfaces. <i>Magnetochemistry</i> , 2020, 6, 35.	2.4	41
49	Reaction of Phthalocyanines with Graphene on Ir(111). <i>Journal of the American Chemical Society</i> , 2015, 137, 9452-9458.	13.7	40
50	Color imaging with a low temperature scanning tunneling microscope. <i>Review of Scientific Instruments</i> , 2002, 73, 305-309.	1.3	39
51	Azo Supramolecules on Au(111) with Controlled Size and Shape. <i>Journal of the American Chemical Society</i> , 2008, 130, 4218-4219.	13.7	39
52	Transition from three-dimensional to two-dimensional faceting of Ag(110) induced by Cu-phthalocyanine. <i>Physical Review B</i> , 1997, 55, 1384-1387.	3.2	38
53	The role of proximity plasmon modes on noble metal surfaces in scanning tunneling microscopy. <i>Surface Science</i> , 1992, 269-270, 556-559.	1.9	36
54	Low temperature scanning tunneling microscopy of Na on Cu(111). <i>Surface Science</i> , 2001, 477, 250-258.	1.9	36

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55	Quantum modulation of the Kondo resonance of Co adatoms on Cu/Co/Cu(100): Low-temperature scanning tunneling spectroscopy study. <i>Physical Review B</i> , 2008, 78, .	3.2	35
56	Plasmonic excitation of light emission and absorption by porphyrine molecules in a scanning tunneling microscope. <i>Physical Review B</i> , 2012, 86, .	3.2	35
57	“Magic” Vicinal Zinc Oxide Surfaces. <i>Physical Review Letters</i> , 2013, 111, 086101.	7.8	35
58	Light-Induced Spin Crossover in an Fe(II) Low-Spin Complex Enabled by Surface Adsorption. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1491-1496.	4.6	35
59	Manipulation of Subsurface Donors in ZnO. <i>Physical Review Letters</i> , 2013, 110, 226101.	7.8	34
60	Color View of Atomic Highs and Lows in Tunneling Induced Light Emission. <i>Physical Review Letters</i> , 2004, 93, 076102.	7.8	32
61	Demetalation of a Single Organometallic Complex. <i>Journal of the American Chemical Society</i> , 2011, 133, 11007-11009.	13.7	32
62	Shifting the Voltage Drop in Electron Transport Through a Single Molecule. <i>Physical Review Letters</i> , 2015, 115, 016802.	7.8	32
63	Fragmentation and Distortion of Terpyridine-Based Spin-Crossover Complexes on Au(111). <i>Journal of Physical Chemistry C</i> , 2019, 123, 4178-4185.	3.1	32
64	Controlled Formation of an Axially Bonded Co-Phthalocyanine Dimer. <i>Journal of the American Chemical Society</i> , 2009, 131, 6096-6098.	13.7	31
65	Surface-Supported Supramolecular Pentamers. <i>Journal of the American Chemical Society</i> , 2013, 135, 14004-14007.	13.7	31
66	Switching of an Azobenzene-Tripod Molecule on Ag(111). <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2080-2084.	4.6	31
67	Quantum Coherent Multielectron Processes in an Atomic Scale Contact. <i>Physical Review Letters</i> , 2017, 119, 066803.	7.8	31
68	Spin Control Induced by Molecular Charging in a Transport Junction. <i>Nano Letters</i> , 2018, 18, 88-93.	9.1	31
69	Influence of Substrate Electronic Properties on the Integrity and Functionality of an Adsorbed Fe(II) Spin-Crossover Compound. <i>Journal of Physical Chemistry C</i> , 2019, 123, 17774-17780.	3.1	31
70	Reversed surface corrugation in STM images on Au(111) by field-induced lateral motion of adsorbed molecules. <i>Surface Science</i> , 2000, 457, 37-50.	1.9	30
71	The Kondo resonance line shape in scanning tunnelling spectroscopy: instrumental aspects. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 424001.	1.8	30
72	Enhanced photon emission from the STM: a general property of metal surfaces. <i>Ultramicroscopy</i> , 1992, 42-44, 355-359.	1.9	29

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73	Scattering and lifetime broadening of quantum well states in Pb films on Ag(111). <i>Physical Review B</i> , 2010, 81, .	3.2	29
74	Conductance of a Freestanding Conjugated Molecular Wire. <i>Physical Review Letters</i> , 2017, 119, 066801.	7.8	27
75	A rigid sublimable naphthalenediimide cyclophane as model compound for UHV STM experiments. <i>Chemical Communications</i> , 2008, , 2370.	4.1	25
76	Single azopyridine-substituted porphyrin molecules for configurational and electronic switching. <i>Chemical Communications</i> , 2010, 46, 6780.	4.1	25
77	Switching Single Azopyridine Supramolecules in Ordered Arrays on Au(111). <i>Journal of the American Chemical Society</i> , 2010, 132, 1196-1197.	13.7	25
78	Coverage Driven Formation of Homochiral Domains of an Achiral Molecule on Au(111). <i>Journal of Physical Chemistry C</i> , 2010, 114, 18247-18251.	3.1	25
79	Influence of band structure on the apparent barrier height in scanning tunneling microscopy. <i>Physical Review B</i> , 2010, 81, .	3.2	24
80	Ultraviolet Light Emission from Si in a Scanning Tunneling Microscope. <i>Physical Review Letters</i> , 2007, 99, 246103.	7.8	23
81	Hot electron cascades in the scanning tunneling microscope. <i>Physical Review B</i> , 2013, 87, .	3.2	23
82	Soft-Landing Electrospray Deposition of the Ruthenium Dye N3 on Au(111). <i>Journal of Physical Chemistry C</i> , 2013, 117, 9734-9738.	3.1	22
83	Low-temperature scanning tunneling microscopy study on the electronic properties of a double-decker DyPc2 molecule at the surface. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 27019-27026.	2.8	22
84	Tuning the electron transport at single donors in zinc oxide with a scanning tunnelling microscope. <i>Nature Communications</i> , 2014, 5, 2992.	12.8	20
85	Coverage-â€Controlled Superstructures of C_{3v} -Symmetric Molecules: Honeycomb versus Hexagonal Tiling. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7008-7017.	13.8	19
86	TWO-DIMENSIONAL SELF-ASSEMBLY OF SUPRAMOLECULAR STRUCTURES. <i>Surface Review and Letters</i> , 2000, 07, 661-666.	1.1	18
87	Ligand-Induced Energy Shift and Localization of Kondo Resonances in Cobalt-Based Complexes on Cu(111). <i>Nano Letters</i> , 2017, 17, 7146-7151.	9.1	18
88	High-conductance surface-anchoring of a mechanically flexible platform-based porphyrin complex. <i>New Journal of Physics</i> , 2015, 17, 013012.	2.9	17
89	Iron in a Cage: Fixation of a $Fe(II)tpy_2$ Complex by Fourfold Interlinking. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15947-15952.	13.8	16
90	AFM Imaging of Mercaptobenzoic Acid on Au(110): Submolecular Contrast with Metal Tips. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 1984-1990.	4.6	15

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91	Mechanochemistry Induced Using Force Exerted by a Functionalized Microscope Tip. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11769-11773.	13.8	15
92	Rotation of Ethoxy and Ethyl Moieties on a Molecular Platform on Au(111). <i>ACS Nano</i> , 2020, 14, 3907-3916.	14.6	15
93	Vacuum synthesis of magnetic aluminum phthalocyanine on Au(111). <i>Chemical Communications</i> , 2016, 52, 10338-10341.	4.1	14
94	Stability of functionalized platform molecules on Au(111). <i>Journal of Chemical Physics</i> , 2018, 149, 244705.	3.0	14
95	Light emission from Na/Cu(111) induced by a scanning tunneling microscope. <i>Physical Review B</i> , 2002, 66, .	3.2	13
96	A minimal double quantum dot. <i>Scientific Reports</i> , 2017, 7, 10764.	3.3	13
97	Broken Symmetry of an Adsorbed Molecular Switch Determined by Scanning Tunneling Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11007-11010.	13.8	12
98	Switching and charging of a ruthenium dye on Ag(111). <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 10326.	2.8	12
99	Interconnected Cobaltocene Complexes on Metal Surfaces. <i>Journal of Physical Chemistry C</i> , 2017, 121, 26777-26784.	3.1	12
100	Spin dependent transmission of nickelocene-Cu contacts probed with shot noise. <i>Physical Review B</i> , 2020, 101, .	3.2	12
101	Conductance of a single molecule C60-SnPc heterojunction. <i>Chinese Chemical Letters</i> , 2022, 33, 1074-1076.	9.0	12
102	Low-temperature scanning tunneling spectroscopy:. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2000, 109, 19-31.	1.7	11
103	Scanning tunnelling microscopy and electronic structure of Mn clusters on Ag(111). <i>Applied Physics A: Materials Science and Processing</i> , 2006, 82, 63-66.	2.3	11
104	Atomic resolution in tunneling induced light emission from GaAs(110). <i>Applied Physics Letters</i> , 2010, 96, 152107.	3.3	11
105	Conductance channels of a platform molecule on Au(111) probed with shot noise. <i>Physical Review B</i> , 2019, 99, .	3.2	11
106	Contrast inversion of the apparent barrier height of Pb thin films in scanning tunneling microscopy. <i>Applied Physics Letters</i> , 2010, 96, 033112.	3.3	10
107	Surface <i>cis</i> Effect: Influence of an Axial Ligand on Molecular Self-Assembly. <i>Journal of the American Chemical Society</i> , 2016, 138, 7544-7550.	13.7	10
108	Generation of spin in single cholesterol molecules on gold. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9334-9337.	2.8	10

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109	Inducing and Controlling Molecular Magnetism through Supramolecular Manipulation. ACS Nano, 2020, 14, 17387-17395.	14.6	10
110	Electron-Induced Spin-Crossover in Self-Assembled Tetramers. ACS Nano, 2021, 15, 11770-11778.	14.6	10
111	Tunneling magnetoresistance and exchange interaction in single-atom contacts. Physical Review B, 2012, 86, .	3.2	9
112	Plasmon-induced fluorescence and electroluminescence from porphine molecules on GaAs(110) in a scanning tunneling microscope. Applied Physics Letters, 2012, 101, .	3.3	9
113	Surface Trapping and STM Observation of Conformational Isomers of a Bis(Terpyridine) Ligand from Metallo-supramolecular Grids. ChemPhysChem, 2015, 16, 1370-1373.	2.1	9
114	Competing Forces during Contact Formation between a Tip and a Single Molecule. Nano Letters, 2015, 15, 5156-5160.	9.1	9
115	Manipulation of Cyclohexene-Based Organic Molecules on Various Metallic Substrates. Journal of Physical Chemistry C, 2016, 120, 18642-18650.	3.1	9
116	Subsurface sites of Fe in H/Si(111) studied by scanning tunneling microscopy. Physical Review B, 2013, 87, .	3.2	8
117	Shot noise from single atom contacts in a scanning tunneling microscope. Surface Science, 2016, 643, 10-12.	1.9	8
118	Spin Crossover in a Cobalt Complex on Ag(111). Angewandte Chemie - International Edition, 2022, 61, .	13.8	8
119	Conductance of atom-sized Pb contacts. New Journal of Physics, 2010, 12, 113010.	2.9	7
120	Plasmon-mediated circularly polarized luminescence of GaAs in a scanning tunneling microscope. Applied Physics Letters, 2015, 107, .	3.3	7
121	Fe impurity-induced electronic states at the GaAs(110) surface. Physical Review B, 2013, 88, .	3.2	6
122	High-conductance contacts to functionalized molecular platforms physisorbed on Au(111). Journal of Physics Condensed Matter, 2019, 31, 18LT01.	1.8	6
123	Spin in a Closed-Shell Organic Molecule on a Metal Substrate Generated by a Sigmatropic Reaction. Angewandte Chemie - International Edition, 2019, 58, 821-824.	13.8	6
124	PHOTON EMISSION FROM TRANSITION METAL SURFACES IN SCANNING TUNNELING MICROSCOPY. International Journal of Modern Physics B, 1993, 07, 516-519.	2.0	5
125	Isolated supramolecules on surfaces studied with scanning tunneling microscopy. Chinese Chemical Letters, 2016, 27, 807-812.	9.0	5
126	Adatom Coadsorption with Three-Dimensional Cyclophanes on Ag(111). Journal of Physical Chemistry C, 2017, 121, 25303-25308.	3.1	5

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127	Tuning rotation axes of single molecular rotors by a combination of single-atom manipulation and single-molecule chemistry. <i>Chemical Communications</i> , 2020, 56, 968-971.	4.1	5
128	Coverage-Controlled Superstructures of C ₃ -Symmetric Molecules: Honeycomb versus Hexagonal Tiling. <i>Angewandte Chemie</i> , 2020, 132, 7074-7083.	2.0	5
129	Separation of a Racemic Mixture of Two-Dimensional Molecular Clusters by Scanning Tunneling Microscopy. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 821-823.	13.8	5
130	Force and conductance spectroscopy of second-layer tin-phthalocyanine on Ag(111). <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 2403-2407.	1.5	4
131	Interactions between two C ₆₀ molecules measured by scanning probe microscopies. <i>Nanotechnology</i> , 2015, 26, 445703.	2.6	4
132	Mechanochemistry Induced Using Force Exerted by a Functionalized Microscope Tip. <i>Angewandte Chemie</i> , 2017, 129, 11931-11935.	2.0	4
133	Iron in a Cage: Fixation of a Fe(II)tpy ₂ Complex by Fourfold Interlinking. <i>Angewandte Chemie</i> , 2020, 132, 16081-16086.	2.0	4
134	QUANTUM WELL LUMINESCENCE FROM METALLIC MONOLAYERS. <i>International Journal of Nanoscience</i> , 2002, 01, 53-62.	0.7	3
135	Rastertunnelmikroskopie an chiralen Molekülen: <i>Nanochemie. Chemie in Unserer Zeit</i> , 2005, 39, 326-335.	0.1	3
136	Remotely Triggered Geometrical Isomerization of a Binuclear Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 6163-6166.	13.7	3
137	13-cis-Retinoic acid on coinage metals: hierarchical self-assembly and spin generation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 14919-14923.	2.8	3
138	Apparent tunneling barrier height and local work function of atomic arrays. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 3048-3052.	2.8	3
139	Force Spectroscopy of Iron Tetraphenylporphyrin Molecules with Cl Tips. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26889-26896.	3.1	3
140	Current shot noise in atomic contacts: Fe and FeH ₂ between Au electrodes. <i>Physical Review B</i> , 2021, 104, .	3.2	3
141	Deformation of a "Rigid" Molecule in Self-Assembled Nanostructures. <i>Journal of Physical Chemistry B</i> , 2005, 109, 24031-24034.	2.6	2
142	Adatom-induced lateral inhomogeneity of quantum well states in metal multilayers. <i>Physical Review B</i> , 2010, 82, .	3.2	2
143	Atom für Atom. <i>Chemie in Unserer Zeit</i> , 2013, 47, 296-299.	0.1	2
144	MOCVD of Fe atoms on H/Si(111) surfaces using Fe-phthalocyanine. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 363-366.	2.3	2

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145	Distance- and spin-resolved spectroscopy of iridium atoms on an iron bilayer. Physical Review B, 2016, 94, .	3.2	2
146	Submolecular resolution in scanning probe images of Sn-phthalocyanines on Cu(110) using metal tips. Journal of Physics Condensed Matter, 2017, 29, 394004.	1.8	2
147	Spin in a Closed-Shell Organic Molecule on a Metal Substrate Generated by a Sigmatropic Reaction. Angewandte Chemie, 2018, 131, 831.	2.0	2
148	Azimuthal Dipolar Rotor Arrays on Surfaces. Chemistry - A European Journal, 2021, 27, 17452-17458.	3.3	2
149	Three-State Switching of an Fe Spin Crossover Complex. Journal of Physical Chemistry C, 2022, 126, 7238-7244.	3.1	2
150	Scanning tunneling spectroscopy of Ni/W(110): bcc and fcc properties in the second atomic layer. Applied Physics A: Materials Science and Processing, 2013, 111, 285-288.	2.3	1
151	Charging single Co atoms on ultrathin NaCl films. Dalton Transactions, 2016, 45, 16566-16569.	3.3	1
152	Scanning Tunneling Spectroscopies of Magnetic Atoms, Clusters, and Molecules. Nanoscience and Technology, 2018, , 25-53.	1.5	1
153	Observation of a Shockley Surface State on Gold Nanoparticles with Sizes Down to 5 nm. Journal of Physical Chemistry C, 0, , .	3.1	1
154	Hochschulrektorenkonferenz: Evaluierung soll die Qualität der Lehre verbessern//DPG-Stellungnahme zum Atomteststoppvertrag/FuE-Aufwendungen der Wirtschaft weiter steigend/USA: Clintons Abschiedsgeschenk/Informationstechnologie ohne DOE?/Livermore will NIF retten/Steuerbegünstigte Neutronenquelle/US-Army fördert Quantenteleportation/Clinton für sicheres Internet/Erfinder der blauen LED geht in die USA/Synchrotronstrahlungsquelle kommt nach Oxford/Frankreich: Die französische Wissenschaft weicht nicht zurück. Physik Journal, 2000, 56, 6-18.	0.1	0
155	Scanning Tunnelling Spectroscopy of A Single Kondo Impurity. , 2001, , 87-95.		0
156	Controlling Adsorbate Electronic Structure. Advanced Functional Materials, 2001, 11, 186-187.	14.9	0
157	STRUCTURE OF A PHTHALOCYANINE DYE ON ZnO. Surface Review and Letters, 2019, 26, 1850204.	1.1	0
158	Frontispiz: Coverage-Controlled Superstructures of C_{3v} -Symmetric Molecules: Honeycomb versus Hexagonal Tiling. Angewandte Chemie, 2020, 132, .	2.0	0
159	Frontispiece: Coverage-Controlled Superstructures of C_{3v} -Symmetric Molecules: Honeycomb versus Hexagonal Tiling. Angewandte Chemie - International Edition, 2020, 59, .	13.8	0
160	Tunnelling Induced Fluorescence as a Probe of Electromagnetic Interaction at Nanometre Proximity. , 2003, , 81-91.		0
161	STM-Induced Photon Emission From Au (110). , 1996, , 175-180.		0
162	Spin Crossover in a Cobalt Complex on Ag(111). Angewandte Chemie, 0, , .	2.0	0