Michael Trenary

List of Publications by Year
in descending order

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147	3,259	159585	189892
papers	citations	30	50
		h-index	g-index

149	149	149	3035
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Real-space and real-time observation of a plasmon-induced chemical reaction of a single molecule. Science, 2018, 360, 521-526.	12.6	224
2	Symmetry and the Surface Infrared Selection Rule for the determination of the Structure of Molecules on Metal Surfaces. Langmuir, 1994, 10, 3649-3657.	3.5	152
3	Nanoindentation and Raman spectroscopy studies of boron carbide single crystals. Applied Physics Letters, 2002, 81, 3783-3785.	3.3	152
4	Adsorbate ordering processes and infrared spectroscopy: An FTâ€IRAS study of N2 chemisorbed on the Ni(110) surface. Journal of Chemical Physics, 1986, 85, 6100-6109.	3.0	100
5	Infrared identification of the low-temperature forms of ethylene adsorbed on platinum/alumina. The Journal of Physical Chemistry, 1988, 92, 5229-5233.	2.9	89
6	An infrared study of NO adsorption at defect sites on Pt(111). Surface Science, 1991, 259, 116-128.	1.9	87
7	Selective Hydrogenation of Acetylene to Ethylene in the Presence of a Carbonaceous Surface Layer on a Pd/Cu(111) Single-Atom Alloy. ACS Catalysis, 2017, 7, 8042-8049.	11.2	82
8	Reversible Control of Hydrogenation of a Single Molecule. Science, 2007, 316, 1883-1886.	12.6	77
9	REFLECTIONABSORPTIONINFRAREDSPECTROSCOPY AND THESTRUCTURE OFMOLECULARADSORBATES ONMETALSURFACES. Annual Review of Physical Chemistry, 2000, 51, 381-403.	10.8	76
10	The thermal decomposition of azomethane on Pt(111). Surface Science, 1995, 341, 282-294.	1.9	64
11	Electron spectroscopy study of SiC. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1984, 2, 1271-1274.	2.1	62
12	Surface chemistry of boron oxidation. 2. The reactions of boron oxides B2O2 and B2O3 with boron films grown on tantalum(110). Chemistry of Materials, 1993, 5, 199-205.	6.7	62
13	Electronic structure of Liâ€“H2O and related neutral molecular complexes, including Alâ€“H2O. Journal of Chemical Physics, 1978, 68, 4047-4050.	3.0	61
14	Infrared reflection-absorption study of the adsorbate-substrate stretch of CO on Pt(111). Surface Science, 1989, 214, L237-L245.	1.9	61
15	Direct Pathway to Molecular Photodissociation on Metal Surfaces Using Visible Light. Journal of the American Chemical Society, 2017, 139, 3115-3121.	13.7	60
16	A novel class of molecular complexes: lithium-ammonia, lithium-water, lithium-hydrofluoric acid, lithium-hydrogen sulfide, sodium-water, and sodium-hydrofluoric acid. Journal of the American Chemical Society, 1977, 99, 3885-3886.	13.7	57
17	Surface science studies of metal hexaborides. Science and Technology of Advanced Materials, 2012, 13, 023002.	6.1	55
18	Kinetics of ethylidyne formation on Pt(111) From time-dependent infrared spectroscopy. Chemical Physics Letters, 1989, 154, 511-515.	2.6	49

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19	Surface chemistry of boron oxidation. 1. Reactions of oxygen and water with boron films grown on tantalum(110). Chemistry of Materials, 1993, 5, 192-198.	6.7	45
20	The oxidation of the Î²-rhombohedral boron (111) surface. Surface Science, 1991, 255, 245-258.	1.9	44
21	Formation and hydrogenation of ethylidene on the Pt(111) surface. Surface Science, 2004, 560, L195-L201.	1.9	44
22	Identification of ethylene-derived species on alumina-supported rhodium, iridium, palladium and platinum catalysts by infrared spectroscopy. The Journal of Physical Chemistry, 1991, 95, 6657-6661.	2.9	42
23	X-ray photoelectron spectroscopy investigation of the initial oxygen adsorption sites on the LaB 6 (100) surface. Surface Science, 1999, 423, L222-L228.	1.9	42
24	Vibrational Analysis of a Chemisorbed Polyatomic Molecule:Â Methoxy on Cu(100). Journal of Physical Chemistry B, 2000, 104, 2448-2459.	2.6	40
25	Characterization of methylidyne on Pt(111) with infrared spectroscopy. Surface Science, 2004, 573, 310-319.	1.9	39
26	Singleâ€Molecule Study of a Plasmonâ€Induced Reaction for a Strongly Chemisorbed Molecule. Angewandte Chemie - International Edition, 2020, 59, 7960-7966.	13.8	37
27	Atomically resolved surface structure of LaB6(100). Surface Science, 1992, 265, L227-L232.	1.9	33
28	Synthesis and Characterization of Single-Crystal Strontium Hexaboride Nanowires. Nano Letters, 2008, 8, 3794-3798.	9.1	33
29	Surface chemistry of ethylenediamine (NH2CH2CH2NH2) on Pt(111). Surface Science, 2000, 470, L13-L19.	1.9	32
30	Direct Observation of(B12)(B12)12Supericosahedra as the Basic Structural Element inYB66. Physical Review Letters, 1996, 77, 4772-4775.	7.8	31
31	Identification and Hydrogenation of C2 on Pt(111). Journal of the American Chemical Society, 2005, 127, 17628-17633.	13.7	31
32	Three isomers of the aluminum-acetylene system. Journal of the American Chemical Society, 1979, 101, 1638-1639.	13.7	30
33	Infrared line shapes of ethylidyne on the Pt(111) surface. Journal of Chemical Physics, 1988, 89, 3861-3869.	3.0	30
34	Reversible Hydrogenation of Surface N Atoms To Form NH on Pt(111). Journal of Physical Chemistry B, 2005, 109, 2828-2835.	2.6	29
35	Polarization-Dependent Infrared Spectroscopy of Adsorbed Carbon Monoxide To Probe the Surface of a Pd/Cu(111) Single-Atom Alloy. Journal of Physical Chemistry C, 2017, 121, 9361-9369.	3.1	29
36	An infrared study of the symmetric Pâ€“F stretch of PF3 chemisorbed on the Pt(111) surface. Journal of Chemical Physics, 1988, 89, 3323-3330.	3.0	28

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37	Formation of Methylaminocarbyne from Methyl Isocyanide on the Pt(111) Surface. Journal of Physical Chemistry B, 2002, 106, 5710-5718.	2.6	28
38	Surface chemistry of dimethylamine on Pt(): formation of methylaminocarbyne and its decomposition products. Surface Science, 2002, 519, 40-56.	1.9	27
39	Identification of formate from methanol oxidation on Cu() with infrared spectroscopy. Surface Science, 2002, 504, 208-214.	1.9	25
40	Simultaneous Monitoring of Surface and Gas Phase Species during Hydrogenation of Acetylene over Pt(111) by Polarization-Dependent Infrared Spectroscopy. ACS Catalysis, 2015, 5, 4725-4733.	11.2	25
41	Analysis of dipoleâ€“dipole coupling in isotopic mixtures of N2 on Ni(110). Journal of Chemical Physics, 1989, 90, 4651-4659.	3.0	24
42	Depth profile of iron in aCaB6crystal. Physical Review B, 2003, 67, .	3.2	24
43	Graphene domain boundaries on Pt(111) as nucleation sites for Pt nanocluster formation. Surface Science, 2012, 606, 1643-1648.	1.9	24
44	Formation of Surface CN from the Coupling of C and N Atoms on Pt(111). Journal of the American Chemical Society, 2003, 125, 15758-15759.	13.7	23
45	Propyne Hydrogenation over a Pd/Cu(111) Single-Atom Alloy Studied using Ambient Pressure Infrared Spectroscopy. ACS Catalysis, 2020, 10, 9716-9724.	11.2	23
46	The Formation of Methoxy from Methanol on an Oxygen Covered Cu(100) Surface at Temperatures of 90â^'200 K. Journal of Physical Chemistry B, 2001, 105, 3823-3827.	2.6	22
47	Adsorption of CO to Characterize the Structure of a Pd/Ag(111) Single-Atom Alloy Surface. Journal of Physical Chemistry C, 2020, 124, 14722-14729.	3.1	22
48	STM studies of photochemistry and plasmon chemistry on metal surfaces. Progress in Surface Science, 2018, 93, 163-176.	8.3	21
49	Methylaminomethylidyne:Â A Stable Intermediate Formed on the Pt(111) Surface from the N-Protonation of Methyl Isocyanide. Journal of the American Chemical Society, 2001, 123, 8432-8433.	13.7	20
50	Surface Chemistry of CN Bond Formation from Carbon and Nitrogen Atoms on Pt(111). Journal of Physical Chemistry B, 2005, 109, 17560-17566.	2.6	20
51	Coexistence and Interconversion of Di-Ïƒ and Ï€-Bonded Ethylene on the Pt(111) and Pd(110) Surfaces. Journal of Physical Chemistry Letters, 2011, 2, 2263-2266.	4.6	20
52	Heteroepitaxy of Hafnium Diboride on a Hafnium(0001) Single Crystal Surface. Chemistry of Materials, 1997, 9, 403-405.	6.7	19
53	Spectroscopic Characterization of Vinyl Formed from Acetylene on Pt(111). Journal of Physical Chemistry C, 2007, 111, 1459-1466.	3.1	19
54	Adsorption and decomposition of trimethylamine on Pt(): formation of dimethylaminocarbyne (CN(CH3)2). Surface Science, 2003, 540, 23-38.	1.9	18

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55	Comparison of the surface chemical reactivity of hafnium diboride and hafnium. Inorganica Chimica Acta, 1999, 289, 191-197.	2.4	17
56	Kinetics of NH Formation and Dissociation on Pt(111). Journal of Physical Chemistry C, 2007, 111, 7127-7136.	3.1	17
57	Observation of Tunneling in the Hydrogenation of Atomic Nitrogen on the Ru(001) Surface to Form NH. Journal of Physical Chemistry Letters, 2013, 4, 3779-3786.	4.6	17
58	Atomic structure of the LaB6(100) surface as observed with scanning tunneling microscopy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1992, 10, 2581-2584.	2.1	16
59	Formation of Pt and Rh Nanoclusters on a Graphene MoirÃ© Pattern on Cu(111). Journal of Physical Chemistry C, 2015, 119, 24796-24803.	3.1	16
60	Single Molecule Observations of the Adsorption Sites of Methyl Isocyanide on Pt(111) by Low-Temperature Scanning Tunneling Microscopy. Journal of Physical Chemistry B, 2006, 110, 20344-20349.	2.6	15
61	Formation and hydrogenation of p(2Ã—2)-N on Pt(111). Surface Science, 2006, 600, 4563-4571.	1.9	15
62	Carbonâ^'Nitrogen Bond Formation from the Reaction of Ammonia with Dicarbon on the Pt(111) Surface. Journal of Physical Chemistry C, 2007, 111, 17088-17093.	3.1	15
63	Surface Chemistry of NCO Formed from HNCO on Pt(111). Journal of Physical Chemistry C, 2008, 112, 20443-20450.	3.1	15
64	Oxide thermal desorption from the lanthanum hexaboride (100) surface following reaction with oxygen. Chemistry of Materials, 1993, 5, 1762-1771.	6.7	14
65	Sensitivity improvement in surface infrared spectroscopy: Design, characteristics, and application of a high-temperature graphite source. Review of Scientific Instruments, 2004, 75, 2545-2550.	1.3	14
66	Probing the properties of the (111) and (100) surfaces of LaB6 through infrared spectroscopy of adsorbed CO. Surface Science, 2009, 603, 3011-3020.	1.9	14
67	Controlled Synthesis of Rh Nanoparticles on TiO₂(110) via Rh(CO)₂(acac). Journal of Physical Chemistry C, 2012, 116, 11987-11993.	3.1	13
68	Infrared spectrum from 400 to 1000 cmâ^'1 of PF3 chemisorbed on the Pt(111) surface. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1989, 7, 2235-2237.	2.1	12
69	Reflection adsorption infrared spectroscopy of the oxidation of thin films of boron and hafnium diboride grown on Hf(0001). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1997, 15, 3065-3068.	2.1	12
70	Structure and chemistry of the YB66(100) surface. Journal of Solid State Chemistry, 1997, 133, 31-35.	2.9	12
71	Comparison of experimental and calculated infrared spectra of aminocarbynes on the Pt(111) surface. Journal of Chemical Physics, 2003, 119, 10930-10940.	3.0	12
72	Identification at the Single Molecule Level of C2Hx Moieties Derived from Acetylene on the Pt(111) Surface. Journal of Physical Chemistry C, 2012, 116, 18372-18381.	3.1	12

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73	Selective Hydrogenation of Acrolein on a Pd/Ag(111) Single-Atom Alloy Surface. Journal of Physical Chemistry C, 2020, 124, 24271-24278.	3.1	12
74	The reaction of B2O3 with the Î²-rhombohedral boron (111) surface. Surface Science, 1992, 262, 88-96.	1.9	11
75	Influence of arsenic on the atomic structure of the Si(112) surface. Journal of Electronic Materials, 2005, 34, 839-845.	2.2	11
76	Adsorption and Dehydrogenation of Ortho-Carborane on the Pt(111) Surface. Journal of Physical Chemistry C, 2008, 112, 8682-8689.	3.1	11
77	Synthesis of crystalline boron nanoribbons and calcium hexaboride nanowires by low pressure chemical vapor deposition. Journal of Physics: Conference Series, 2009, 176, 012011.	0.4	11
78	Adsorption and Hydrogenation of Acrolein on Ru(001). Journal of Physical Chemistry C, 2017, 121, 4384-4392.	3.1	11
79	Adsorption properties of acrolein, propanal, 2-propenol, and 1-propanol on Ag(111). Physical Chemistry Chemical Physics, 2020, 22, 25011-25020.	2.8	11
80	Adsorbateâ€“adsorbate interactions for PF3 chemisorbed on Pt(111). Journal of Chemical Physics, 1991, 95, 6962-6971.	3.0	10
81	Vibrational spectroscopy of oxygen on the (100) and (111) surfaces of lanthanum hexaboride. Surface Science, 2010, 604, 1202-1207.	1.9	10
82	Adsorption and dissociation of water on LaB6(100) investigated by surface vibrational spectroscopy. Surface Science, 2012, 606, 247-252.	1.9	10
83	Spectroscopic evidence for a COâ€“O2 complex as a precursor to the low temperature oxidation of CO on the Pt(111) surface. Chemical Physics Letters, 2014, 593, 204-208.	2.6	10
84	Surface chemistry of propanal, 2-propenol, and 1-propanol on Ru(001). Physical Chemistry Chemical Physics, 2017, 19, 10870-10877.	2.8	10
85	Comparative IR Study of Ethylene Adsorption on a PtRh Alloy and Monometallic Pt and Rh Catalysts Supported on Al2O3. Identification of Alloy-Specific Binding Sites. The Journal of Physical Chemistry, 1995, 99, 6024-6028.	2.9	9
86	Formation of an ordered Si dimer structure onHfB2(0001). Physical Review B, 2002, 66, .	3.2	9
87	Spectroscopic characterization of C2Hx intermediates in the dissociation of vinyl iodide on Pt(111). Surface Science, 2015, 637-638, 29-34.	1.9	9
88	Confinement of the Pt(111) Surface State in Graphene Nanoislands. Journal of Physical Chemistry C, 2016, 120, 345-349.	3.1	9
89	A Fourier transform infrared reflection absorption spectroscopy study of chemisorbed PF3on Ni(111): Coverage and temperature dependence. Journal of Chemical Physics, 1991, 94, 6256-6263.	3.0	8
90	Identification of Pressure-Induced Phase Transformations Using Nanoindentation. Materials Research Society Symposia Proceedings, 2000, 649, 891.	0.1	8

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91	Reaction of O2 with the boron-terminated TaB2(0001) surface. Surface Science, 2003, 542, 221-229.	1.9	8
92	Adsorption and thermal decomposition of N-methylaniline on Pt(111). Surface Science, 2009, 603, 3215-3221.	1.9	8
93	Dissociative adsorption of hydrogen on the ZrB2(0001) surface. Surface Science, 2012, 606, 1808-1814.	1.9	8
94	The influence of palladium on the hydrogenation of acetylene on Ag(111). Journal of Chemical Physics, 2021, 154, 184701.	3.0	8
95	Adsorption and Dehydrogenation of Decaborane on the Pt(111) Surface. Journal of Physical Chemistry C, 2009, 113, 13847-13854.	3.1	7
96	Orbital-selective single molecule reactions on a metal surface studied using low-temperature scanning tunneling microscopy. Chemical Communications, 2013, 49, 4679.	4.1	7
97	Nucleation behavior of supported Rh nanoparticles fabricated from Rh(CO)2(acac) on Al2O3/Ni3Al(111). Chemical Physics Letters, 2013, 555, 7-11.	2.6	7
98	The influence of coadsorbates on the overlayer structure of PF3 on Pt(111). Surface Science, 1993, 282, 76-90.	1.9	6
99	Structure of the (100) surface of the icosahedral borideYB66. Physical Review B, 1998, 58, 9980-9989.	3.2	6
100	Dissociative adsorption of ammonia on the ZrB2(0001) surface. Surface Science, 2013, 615, 110-118.	1.9	6
101	Molecular Oxygen Network as a Template for Adsorption of Ammonia on Pt(111). Journal of Physical Chemistry Letters, 2013, 4, 2900-2905.	4.6	6
102	Atomic-Scale Dynamics of Surface-Catalyzed Hydrogenation/Dehydrogenation: NH on Pt(111). ACS Nano, 2015, 9, 8303-8311.	14.6	6
103	Deposition and characterization of stoichiometric films of V 2 O 5 on Pd(111). Surface Science, 2017, 664, 1-7.	1.9	6
104	Selective Hydrogenation of Acrolein to Propanal on a Pseudomorphic Pt/Ru(001) Bimetallic Surface. Topics in Catalysis, 2018, 61, 318-327.	2.8	6
105	Characterization with XPS of a Thin Film of B2O2 Deposited on a Ag Substrate. Surface Science Spectra, 1992, 1, 183-187.	1.3	5
106	Formation of Rutheniumâ^'Tin Nanoparticles on Al₂O₃/Ni₃Al(111) from an Organometallic Precursor. Journal of Physical Chemistry C, 2010, 114, 17062-17068.	3.1	5
107	Site Switching from Di-Ïƒ Ethylene to Ï€-Bonded Ethylene in the Presence of Coadsorbed Nitrogen on Pt(111). Journal of Physical Chemistry C, 2010, 114, 12230-12233.	3.1	5
108	Aminovinylidene: A Stable Surface Intermediate in the Dehydrogenation of Ethylamine on Pt(1â€‰1â€‰1). ChemCatChem, 2012, 4, 1075-1078.	3.7	5

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109	Dissociation of trimethylgallium on the ZrB2(0001) surface. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2013, 31, 061405.	2.1	5
110	Room Temperature Migration of Ag Atoms to Cover Pd Islands on Ag(111). Journal of Physical Chemistry C, 2021, 125, 27828-27836.	3.1	5
111	Time dependence of the infrared spectrum of N2 adsorbed at low coverage on the Ni(110) surface. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1987, 5, 427-430.	2.1	4
112	Infrared study of the coadsorption of PF3 and CO on the Pt(111) surface. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1992, 10, 2576-2580.	2.1	4
113	Infrared Intensity Enhancement of the CN Stretch of HCN by Coadsorbed CO on the Cu(100) Surface. Physical Review Letters, 2000, 84, 4902-4905.	7.8	4
114	Formation of Methyl Isocyanide from Dimethylamine on Pt(111). Journal of Physical Chemistry C, 2008, 112, 3794-3799.	3.1	4
115	Kinetics of HCN Decomposition on the Pt(111) Surface by Time-Dependent Infrared Spectroscopy. Journal of Physical Chemistry C, 2012, 116, 4091-4096.	3.1	4
116	Surface morphology of atomic nitrogen on Pt(111). Journal of Chemical Physics, 2014, 140, 114707.	3.0	4
117	Single-Molecule Dynamics in the Presence of Strong Intermolecular Interactions. Journal of Physical Chemistry Letters, 2016, 7, 4369-4373.	4.6	4
118	In-situ spectroscopic monitoring of the ambient pressure hydrogenation of C2 to ethane on Pt(111). Surface Science, 2016, 652, 142-147.	1.9	4
119	Growth of Pd Nanoclusters on Single-Layer Graphene on Cu(111). Journal of Physical Chemistry B, 2018, 122, 572-577.	2.6	4
120	Reaction pathways for HCN on transition metal surfaces. Physical Chemistry Chemical Physics, 2019, 21, 5274-5284.	2.8	4
121	The influence of hydrogen on the aggregation of aminomethylidyne on Pt(111). Surface Science, 1997, 381, 65-76.	1.9	3
122	Structure of Heteroepitaxial Thin Films of Hafnium Diboride Grown on a Hf(0001) Surface As Determined by Scanning Tunneling Microscopy. Journal of Physical Chemistry B, 2000, 104, 11833-11836.	2.6	3
123	Spectroscopic Identification of Surface Intermediates in the Dehydrogenation of Ethylamine on Pt(111). Journal of Physical Chemistry C, 2013, 117, 4666-4679.	3.1	3
124	Structure and Reactivity of Molecularly Adsorbed Ammonia on the ZrB₂(0001) Surface. Journal of Physical Chemistry C, 2014, 118, 29260-29269.	3.1	3
125	Surface Hydrogenation Reactions at the Singleâ€Molecule Level. Chemical Record, 2014, 14, 819-826.	5.8	3
126	Kinetics of Aminocarbyne Formation on Pt(111). Journal of Physical Chemistry C, 2015, 119, 14506-14512.	3.1	3

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127	Hydrogenation and dehydrogenation reactions of C2Hx moieties on the Ru(001) surface. Surface Science, 2016, 650, 144-148.	1.9	3
128	Dissociation Mechanism of a Single O₂ Molecule Chemisorbed on Ag(110). Journal of Physical Chemistry Letters, 2021, 12, 9868-9873.	4.6	3
129	Infrared reflection-absorption study of the adsorbate-substrate stretch of CO on Pt(111). Surface Science Letters, 1989, 214, L237-L245.	0.1	2
130	Formation of Benzonitrile from the Reaction of Styrene with Nitrogen on the Pt(111) Surface. Journal of Physical Chemistry C, 2012, 116, 19300-19306.	3.1	2
131	Spectroscopic Identification of Surface Intermediates in the Decomposition of Methylamine on Ru(001). Journal of Physical Chemistry C, 2017, 121, 9424-9432.	3.1	2
132	Singleâ€Molecule Study of a Plasmonâ€Induced Reaction for a Strongly Chemisorbed Molecule. Angewandte Chemie, 2020, 132, 8034-8040.	2.0	2
133	Heat of Adsorption of Propyne on Cu(111) from Isotherms Measured by Reflection Absorption Infrared Spectroscopy. Journal of Physical Chemistry C, 2021, 125, 18786-18791.	3.1	2
134	Conformer-Selective Adsorption of 1-Propanol on the Ag(111) Surface. Journal of Physical Chemistry C, 2022, 126, 7281-7287.	3.1	2
135	Fourier transform infrared spectroscopy as a surface science technique. , 1998, , .		1
136	Scanning tunneling microscopy and inelastic electron tunneling spectroscopy studies of methyl isocyanide adsorbed on Pt(111). Journal of Physics: Conference Series, 2010, 235, 012003.	0.4	1
137	Thermal and Electron-Induced Decomposition of 2-Butanol on Pt(111). Journal of Physical Chemistry A, 2011, 115, 5785-5793.	2.5	1
138	Alternate Pathway to Ammonia Formation in NOx Reduction: Direct Reaction of Acetylene and Nitrogen Atoms on Pt (111). ACS Catalysis, 2011, 1, 1679-1682.	11.2	1
139	Decomposition of ammonia on ZrB2(0001). Chemical Physics Letters, 2020, 739, 136984.	2.6	1
140	Interaction of CO with Pt nanoclusters on a graphene-covered Ru(0001) surface. Journal of Chemical Physics, 2021, 154, 114701.	3.0	1
141	Dissociation of Single O ₂ Molecules on Ag(110) by Electrons, Holes, and Localized Surface Plasmons. Chemical Record, 2022, , e202200011.	5.8	1
142	The reactions of B2O3 and O2 with the Î²-rhombohedral boron (111) surface. AIP Conference Proceedings, 1991, , .	0.4	0
143	The influence of coadsorbates on the overlayer structure of PF3 on Pt(111). Surface Science Letters, 1993, 282, A199.	0.1	0
144	Innentitelbild: Singleâ€Molecule Study of a Plasmonâ€Induced Reaction for a Strongly Chemisorbed Molecule (Angew. Chem. 20/2020). Angewandte Chemie, 2020, 132, 7698-7698.	2.0	0

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145	COMPARISON OF THE DEHYDROGENATION CHEMISTRY OF CARBORANE AND DECABORANE ON THE Pt(111) SURFACE. , 2009, , .		0
146	LOW TEMPERATURE TRANSMISSION IR SPECTRA OF SODIUM AND LITHIUM BOROHYDRIDE. , 2009, , .		0
147	Vibrational Spectroscopy of Adsorbates on the (111) and (100) Surfaces of Lanthanum Hexaboride. NATO Science for Peace and Security Series B: Physics and Biophysics, 2010, , 181-193.	0.3	0