Richard M Lambert

List of Publications by Year
in descending order

135	7,153	50170	62479
papers	citations	46 h-index	80 g-index

139	139	139	7013
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Support Induced Effects on the Ir Nanoparticles Activity, Selectivity and Stability Performance under CO2 Reforming of Methane. Nanomaterials, 2021, 11, 2880.	1.9	23
2	Comprehensive Experimental and Theoretical Study of the CO + NO Reaction Catalyzed by Au/Ni Nanoparticles. ACS Catalysis, 2019, 9, 4919-4929.	5.5	22
3	Critical Role of Oxygen in Silver-Catalyzed Glaserâ€“Hay Coupling on Ag(100) under Vacuum and in Solution on Ag Particles. ACS Catalysis, 2017, 7, 3113-3120.	5.5	8
4	About the enhancement of chemical yield during the atmospheric plasma synthesis of ammonia in a ferroelectric packed bed reactor. Plasma Processes and Polymers, 2017, 14, 1600081.	1.6	58
5	Sonogashira Cross-Coupling and Homocoupling on a Silver Surface: Chlorobenzene and Phenylacetylene on Ag(100). Journal of the American Chemical Society, 2015, 137, 940-947.	6.6	50
6	Porous, robust highly conducting Ni-YSZ thin film anodes prepared by magnetron sputtering at oblique angles for application as anodes and buffer layers in solid oxide fuel cells. International Journal of Hydrogen Energy, 2015, 40, 7382-7387.	3.8	31
7	The Flexible Surface Revisited: Adsorbate-Induced Reconstruction, Homocoupling, and Sonogashira Cross-Coupling on the Au(100) Surface. Journal of Physical Chemistry C, 2014, 118, 11677-11684.	1.5	31
8	A low-temperature single-source route to an efficient broad-band cerium(iii) photocatalyst using a bimetallic polyoxotitanium cage. RSC Advances, 2013, 3, 13659.	1.7	27
9	Adsorption Geometry Determines Catalytic Selectivity in Highly Chemoselective Hydrogenation of Crotonaldehyde on Ag(111). Journal of Physical Chemistry C, 2012, 116, 4605-4611.	1.5	18
10	Self-assembly at room temperature of thermally stable discrete and extended oligomers of polycyclic aromatics on Ag(100): induced dipoles and cooperative effects. Chemical Communications, 2012, 48, 3394.	2.2	3
11	Sonogashira Coupling Catalyzed by Gold Nanoparticles: Does Homogeneous or Heterogeneous Catalysis Dominate?. ChemCatChem, 2010, 2, 1444-1449.	1.8	107
12	Influence of Adsorption Geometry in the Heterogeneous Enantioselective Catalytic Hydrogenation of a Prototypical Enone. Journal of Physical Chemistry C, 2010, 114, 15075-15077.	1.5	17
13	Identity of the Active Site in Gold Nanoparticle-Catalyzed Sonogashira Coupling of Phenylacetylene and Iodobenzene. Journal of the American Chemical Society, 2010, 132, 12246-12248.	6.6	123
14	Synthesis, Characterization, and Surface Tethering of Sulfide-Functionalized Ti₁₆-oxo-alkoxy Cages. Chemistry of Materials, 2010, 22, 5174-5178.	3.2	24
15	Sonogashira Coupling on an Extended Gold Surface in Vacuo: Reaction of Phenylacetylene with Iodobenzene on Au(111). Journal of the American Chemical Society, 2010, 132, 8081-8086.	6.6	165
16	Bromine-promoted PtZn is very effective for the chemoselective hydrogenation of crotonaldehyde. Journal of Catalysis, 2009, 261, 60-65.	3.1	43
17	Heterogeneous Photochemistry Relevant to the Troposphere: H₂O₂ Production during the Photochemical Reduction of NO₂ to HONO on UVâ€illuminated TiO₂ Surfaces. ChemPhysChem, 2009, 10, 331-333.	1.0	38
18	Principles of hydrocarbon detection in ultra high vacuum: Optimizing sensitivity and selectivity towards harmful species. Sensors and Actuators B: Chemical, 2009, 136, 359-363.	4.0	0

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19	Deprotection, Tethering, and Activation of a Catalytically Active Metalloporphyrin to a Chemically Active Metal Surface: [SAc]₄Pâ^'Mn(III)Cl on Ag(100). Journal of the American Chemical Society, 2009, 131, 1910-1914.	6.6	30
20	Evidence for heterogeneous Sonogashira coupling of phenylacetylene and iodobenzene catalyzed by well defined rhodium nanoparticles. Dalton Transactions, 2009, , 7602.	1.6	40
21	Chemoselective Catalytic Hydrogenation of Acrolein on Ag(111): Effect of Molecular Orientation on Reaction Selectivity. Journal of the American Chemical Society, 2009, 131, 17286-17290.	6.6	59
22	Deprotection, Tethering, and Activation of a One-Legged Metalloporphyrin on a Chemically Active Metal Surface: NEXAFS, Synchrotron XPS, and STM Study of [SAc]Pâ^'Mn(III)Cl on Ag(100). Journal of the American Chemical Society, 2009, 131, 14913-14919.	6.6	22
23	A versatile new method for synthesis and deposition of doped, visible light-activated TiO2 thin films. Energy and Environmental Science, 2009, 2, 1277.	15.6	33
24	Amperometric/potentiometric hydrocarbon sensors: real world solutions for use in ultra high vacuum. Journal of Applied Electrochemistry, 2008, 38, 1089-1096.	1.5	3
25	The Molecular Mechanism of Tropospheric Nitrous Acid Production on Mineral Dust Surfaces. ChemPhysChem, 2008, 9, 1390-1393.	1.0	26
26	Dipole Amplification: A Principle for the Selfâ€Assembly of Asymmetric Monomers on Metal Surfaces. Angewandte Chemie - International Edition, 2008, 47, 2422-2426.	7.2	16
27	Selective oxidation with dioxygen by gold nanoparticle catalysts derived from 55-atom clusters. Nature, 2008, 454, 981-983.	13.7	1,242
28	Partial oxidations with NO2 catalyzed by large gold particles. Chemical Communications, 2008, , 2316.	2.2	18
29	Electron Impact-Assisted Carbon Film Growth on Ru(0001):â€‰ Implications for Next-Generation EUV Lithography. Journal of Physical Chemistry C, 2007, 111, 4491-4494.	1.5	24
30	Interactions of 4-Chlorophenol with TiO₂ Polycrystalline Surfaces:â€‰ A Study of Environmental Interfaces by NEXAFS, XPS, and UPS. Langmuir, 2007, 23, 9551-9554.	1.6	15
31	Quantitative Hydrocarbon Sensor for Ultra High Vacuum Applications. Journal of Physical Chemistry C, 2007, 111, 1491-1495.	1.5	5
32	Toward the In Situ Remediation of Carbon Deposition on Ru-Capped Multilayer Mirrors Intended for EUV Lithography:â€‰ Exploiting the Electron-Induced Chemistry. Journal of Physical Chemistry C, 2007, 111, 12165-12168.	1.5	8
33	Enhancement of MTBE photocatalytic degradation by modification of TiO2 with gold nanoparticles. Catalysis Communications, 2007, 8, 821-824.	1.6	56
34	Low-Basicity Oxygen Atoms: A Key in the Search for Propylene Epoxidation Catalysts. Angewandte Chemie - International Edition, 2007, 46, 2055-2058.	7.2	134
35	Sulfur, normally a poison, strongly promotes chemoselective catalytic hydrogenation: stereochemistry and reactivity of crotonaldehyde on clean and S-modified Cu(111). Chemical Communications, 2006, , 1283.	2.2	33
36	Reduction of NO2 to nitrous acid on illuminated titanium dioxide aerosol surfaces: implications for photocatalysis and atmospheric chemistry. Chemical Communications, 2006, , 3936.	2.2	102

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37	A Novel, Sensitive Potentiometric Hydrocarbon Sensor for High-Vacuum Applications. Journal of Physical Chemistry B, 2006, 110, 24571-24576.	1.2	5
38	Uptake ofn-Hexane, 1-Butene, and Toluene by Au/Pt Bimetallic Surfaces:Â A Tool for Selective Sensing of Hydrocarbons under High-Vacuum Conditions. Journal of Physical Chemistry B, 2006, 110, 11958-11961.	1.2	22
39	Sensitivity and selectivity of Pt electrodes for hydrocarbon sensing in an ultra high vacuum environment. Sensors and Actuators B: Chemical, 2006, 114, 1013-1018.	4.0	6
40	A Chemically Switchable Molecular Pinwheel. Angewandte Chemie - International Edition, 2006, 45, 3779-3781.	7.2	64
41	Tilt the Molecule and Change the Chemistry: Mechanism of S-Promoted Chemoselective Catalytic Hydrogenation of Crotonaldehyde on Cu(111). Angewandte Chemie - International Edition, 2006, 45, 7530-7534.	7.2	27
42	Heterogeneous alkene epoxidation: past, present and future. Journal of Molecular Catalysis A, 2005, 228, 27-33.	4.8	159
43	Copper is highly effective for the epoxidation of a â€œdifficultâ€•alkene, whereas silver is not. Surface Science, 2005, 578, L85-L88.	0.8	26
44	Copper as a selective catalyst for the epoxidation of propene. Journal of Catalysis, 2005, 236, 401-404.	3.1	173
45	An Electrochemically Driven and Electrochemically Regenerated NOx Trap. Angewandte Chemie - International Edition, 2005, 44, 3730-3732.	7.2	1
46	Electrochemical Promotion by Potassium of Rh-Catalysed Fischerâ€“Tropsch Synthesis at High Pressure. Catalysis Letters, 2005, 103, 137-141.	1.4	9
47	Structure and dynamics of gold atomic chains grown on Cu(110): Experiment and theory. Physical Review B, 2005, 72, .	1.1	4
48	Adsorbate conformation determines catalytic chemoselectivity: crotonaldehyde on the Pt(111) surface. Chemical Communications, 2005, , 1977.	2.2	21
49	Critical Influence of Adsorption Geometry in the Heterogeneous Epoxidation of â€œAllylicâ€•Alkenes:Â Structure and Reactivity of Three Phenylpropene Isomers on Cu(111). Journal of the American Chemical Society, 2005, 127, 17007-17011.	6.6	25
50	Efficient Epoxidation of a Terminal Alkene Containing Allylic Hydrogen Atoms:â€‰ trans-Methylstyrene on Cu{111}. Journal of the American Chemical Society, 2005, 127, 6069-6076.	6.6	63
51	Why Copper Is Intrinsically More Selective than Silver in Alkene Epoxidation:Â Ethylene Oxidation on Cu(111) versus Ag(111). Journal of the American Chemical Society, 2005, 127, 10774-10775.	6.6	124
52	Exploiting the synergy of titania and alumina in lean NOx reduction: in situ ammonia generation during the Pd/TiO2/Al2O3â€“catalysed H2/CO/NO/O2 reaction. Journal of Catalysis, 2004, 221, 20-31.	3.1	82
53	Photocatalytic Properties of TiO2Modified with Gold Nanoparticles in the Degradation of 4-Chlorophenol in Aqueous Solution. Catalysis Letters, 2004, 92, 41-47.	1.4	115
54	The effects of ageing a bimetallic catalyst under industrial conditions: a study of fresh and used Pd-Au-K/silica vinyl acetate synthesis catalysts. Applied Catalysis A: General, 2004, 261, 37-46.	2.2	60

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55	First observation of capping/uncapping by a ligand of a Zn porphyrin adsorbed on Ag(100). Chemical Communications, 2004, , 1688.	2.2	62
56	Mechanism, Selectivity Promotion, and New Ultraselective Pathways in Ag-Catalyzed Heterogeneous Epoxidation. Journal of the American Chemical Society, 2004, 126, 8509-8514.	6.6	67
57	Selective NOxReduction During the H2+ NO + O2Reaction Under Oxygen-Rich Conditions Over Pd/V2O5/Al2O3: Evidence for In Situ Ammonia Generation. Catalysis Letters, 2003, 90, 111-115.	1.4	25
58	An AFM Study of the Genesis and Sintering in Hydrogen of a Realistic Cu/Amorphous Silica Planar Model Catalyst. Catalysis Letters, 2003, 90, 177-180.	1.4	6
59	Title is missing!. Catalysis Letters, 2003, 86, 51-56.	1.4	28
60	Title is missing!. Catalysis Letters, 2003, 86, 69-75.	1.4	35
61	Title is missing!. Catalysis Letters, 2003, 87, 1-5.	1.4	12
62	An in situ DRIFTS study of efficient lean NOx reduction with H2 + CO over Pd/Al2O3: the key role of transient NCO formation in the subsequent generation of ammonia. Applied Catalysis B: Environmental, 2003, 46, 483-495.	10.8	57
63	Electrochemical Promotion by Potassium of Rhodium-Catalyzed Fischerâ˜Tropsch Synthesis:Â XP Spectroscopy and Reaction Studies. Journal of Physical Chemistry B, 2003, 107, 10591-10597.	1.2	23
64	Molecular Conformation of Styrene on Ag(100):Â Relevance to an Understanding of the Catalytic Epoxidation of Terminal Alkenes. Journal of Physical Chemistry B, 2003, 107, 3824-3828.	1.2	28
65	Halogen-induced selectivity in heterogeneous epoxidation is an electronic effectâ€”fluorine, chlorine, bromine and iodine in the Ag-catalysed selective oxidation of ethene. Chemical Communications, 2003, , 1184-1185.	2.2	38
66	Aspects of Enantioselective Heterogeneous Catalysis:Â Structure and Reactivity of (S)-(â˜)-1-(1-Naphthyl)ethylamine on Pt{111}. Journal of the American Chemical Society, 2003, 125, 2723-2729.	6.6	112
67	Electrochemical and Chemical Promotion by Alkalis with Metal Films and Nanoparticles. , 2003, , .		1
68	Electrochemical Promotion by Potassium of the Selective Hydrogenation of Acetylene on Platinum:Â Reaction Studies and XP Spectroscopy. Journal of Physical Chemistry B, 2002, 106, 5668-5672.	1.2	27
69	On the Orientation of Quinoline on Pd{111}:Â Implications for Heterogeneous Enantioselective Hydrogenation. Journal of Physical Chemistry B, 2002, 106, 2672-2679.	1.2	37
70	In Situ Control of the Composition and Performance of a Bimetallic Alloy Catalyst:Â The Selective Hydrogenation of Acetylene over Pt/Pb. Journal of Physical Chemistry B, 2002, 106, 10215-10219.	1.2	22
71	Surface Composition, Morphology, and Catalytic Activity of Model Polycrystalline Titania Surfaces. Journal of Physical Chemistry B, 2002, 106, 7290-7294.	1.2	21
72	The structure and reactivity of quinoline overlayers and the adsorption geometry of lepidine on Pt{111}: model molecules for chiral modifiers in enantioselective hydrogenation. Surface Science, 2002, 498, 212-228.	0.8	46

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73	Low-temperature NO reduction with H2+CO under oxygen-rich conditions over a Pd/TiO2/Al2O3 catalyst. Catalysis Communications, 2002, 3, 61-65.	1.6	34
74	A fast XPS investigation of NO-promoted acetylene cyclotrimerisation on Pd{}. Surface Science, 2002, 501, L165-L170.	0.8	9
75	Nucleation, Growth, Sintering, Mobility, and Adsorption Properties of Small Gold Particles on Polycrystalline Titania. Journal of Physical Chemistry B, 2002, 106, 5390-5394.	1.2	63
76	Lean NOx reduction with CO + H2 mixtures over Pt/Al2O3 and Pd/Al2O3 catalysts. Applied Catalysis B: Environmental, 2002, 35, 269-279.	10.8	101
77	Electrochemical promotion of bimetallic Rhî—Ag/YSZ catalysts for the reduction of NO under lean burn conditions. Electrochimica Acta, 2002, 47, 1259-1265.	2.6	20
78	Ag-Catalysed Epoxidation of Propene and Ethene: An Investigation Using Electrochemical Promotion of the Effects of Alkali, NOX, and Chlorine. Journal of Catalysis, 2002, 207, 331-340.	3.1	53
79	Title is missing!. Catalysis Letters, 2002, 78, 7-11.	1.4	8
80	Propene Epoxidation over K-Promoted Ag/CaCO3 Catalysts: The Effect of Metal Particle Size. Catalysis Letters, 2002, 80, 93-98.	1.4	70
81	Title is missing!. Catalysis Letters, 2002, 82, 169-173.	1.4	12
82	Mechanism of alkali promotion in heterogeneous catalysis under realistic conditions: application of electron spectroscopy and electrochemical promotion to the reduction of NO by CO and by propene over rhodium. Surface Science, 2001, 482-485, 177-182.	0.8	24
83	Adsorption and Stability of (R)-(+)- and (S)-(âˆ’)-1-(1-naphthyl) Ethylamine on a Series of Platinum Single Crystal Surfaces:â€‰ Implications for Heterogeneous Chiral Hydrogenation. Journal of Physical Chemistry B, 2001, 105, 12832-12838.	1.2	21
84	Electrochemical Promotion of Rhodium-Catalyzed NO Reduction by CO and by Propene in the Presence of Oxygen. Journal of Physical Chemistry B, 2001, 105, 2800-2808.	1.2	41
85	Electrochemical Promotion by Sodium of the Rhodium-Catalyzed Reduction of NO by Propene:â€‰ Kinetics and Spectroscopy. Journal of Physical Chemistry B, 2001, 105, 1381-1388.	1.2	18
86	The Surface Chemistry of Acetic Acid on Pd{111}. Catalysis Letters, 2001, 76, 125-130.	1.4	80
87	A comparison of sodium-modified Rh/Î³-Al2O3 and Pd/Î³-Al2O3 catalysts operated under simulated TWC conditions. Applied Catalysis B: Environmental, 2001, 33, 335-343.	10.8	37
88	Electrochemical promotion of catalytic reactions using alkali ion conductors. Solid State Ionics, 2000, 136-137, 677-685.	1.3	25
89	Title is missing!. Topics in Catalysis, 2000, 13, 91-98.	1.3	55
90	Title is missing!. Catalysis Letters, 2000, 70, 9-14.	1.4	14

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91	Title is missing!. Catalysis Letters, 2000, 69, 175-179.	1.4	12
92	Ultraâ€selective epoxidation of styrene on pure Cu{111} and the effects of Cs promotion. Catalysis Letters, 2000, 67, 87-91.	1.4	45
93	New efficient catalysts for the oxidative coupling of methane. Catalysis Letters, 2000, 68, 191-196.	1.4	76
94	Sodium Promotion of the NO+C3H6 Reaction over Rh/Î³-Al2O3 Catalysts. Journal of Catalysis, 2000, 193, 115-122.	3.1	33
95	Catalyst genesis studied by atomic force microscopy. Surface Science, 2000, 449, L221-L227.	0.8	16
96	Ultraselective Epoxidation of Butadiene on Cu{111} and the Effects of Cs Promotion. Journal of the American Chemical Society, 2000, 122, 2381-2382.	6.6	56
97	Electrochemical Promotion by Sodium of the Rhodium-Catalyzed NO + CO Reaction. Journal of Physical Chemistry B, 2000, 104, 11883-11890.	1.2	29
98	The Origin of Electrochemical Promotion in Heterogeneous Catalysis:Â Photoelectron Spectroscopy of Solid State Electrochemical Cells. Journal of Physical Chemistry B, 2000, 104, 615-621.	1.2	29
99	On the Coverage-Dependent Adsorption Geometry of Benzene Adsorbed on Pd{111}: A Study by Fast XPS and NEXAFS. Journal of Physical Chemistry B, 2000, 104, 11729-11733.	1.2	63
100	Fundamental Aspects of Enantioselective Heterogeneous Catalysis:Â the Surface Chemistry of Methyl Pyruvate on Pt{111}. Journal of Physical Chemistry B, 2000, 104, 9696-9703.	1.2	50
101	Catalytic coupling of propyne on Cu{111}. Catalysis Letters, 1999, 59, 15-20.	1.4	22
102	Bonding and reactivity of styrene on Cu(110): heterogeneous alkene epoxidation without the use of silver. Surface Science, 1999, 437, 1-8.	0.8	34
103	In Situ Observation of a Surface Chemical Reaction by Fast X-Ray Photoelectron Spectroscopy. Journal of the American Chemical Society, 1999, 121, 7969-7970.	6.6	21
104	First Demonstration of in Situ Electrochemical Control of a Base Metal Catalyst:â€‰ Spectroscopic and Kinetic Study of the CO + NO Reaction over Na-Promoted Cu. Journal of Physical Chemistry B, 1999, 103, 9960-9966.	1.2	15
105	A Kinetic and Spectroscopic Study of the in Situ Electrochemical Promotion by Sodium of the Platinum-Catalyzed Combustion of Propene. Journal of Physical Chemistry A, 1999, 103, 2680-2687.	1.1	42
106	In SituElectrochemical Promotion by Sodium of the Selective Hydrogenation of Acetylene over Platinum. Journal of Catalysis, 1998, 179, 231-240.	3.1	38
107	A Monte Carlo simulation of the NO+CO reaction on Na-promoted platinum. Surface Science, 1998, 412-413, 174-183.	0.8	9
108	Electronic, Structural, and Reactive Properties of Ultrathin Aluminum Oxide Films on Pt(111). Journal of Physical Chemistry B, 1998, 102, 1736-1744.	1.2	26

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109	Adsorption of Ethyne on Cu(110):â€‰ Experimental and Theoretical Study. Langmuir, 1997, 13, 758-764.	1.6	9
110	In SituElectrochemical Promotion by Sodium of the Platinum-Catalyzed Reduction of NO by Propene. Journal of Physical Chemistry B, 1997, 101, 3759-3768.	1.2	84
111	Coadsorption of Gold and Oxygen on Ruthenium(100). Langmuir, 1997, 13, 5356-5361.	1.6	7
112	Deposition of Palladium Overlayers on Oxygen-Precovered Ruthenium(100). Journal of Physical Chemistry B, 1997, 101, 210-214.	1.2	2
113	Short-Chain Alkane Activation. ACS Symposium Series, 1996, , 394-408.	0.5	1
114	Ethylene Oxidation over Platinum:In SituElectrochemically Controlled Promotion Using Naâ€“Î²â€²â€² Alumina and Studies with a Pt(111)/Na Model Catalyst. Journal of Catalysis, 1996, 160, 19-26.	3.1	34
115	Electrochemical Promotion by Na of the Platinum-Catalyzed Reaction between CO and NO. Journal of Catalysis, 1996, 161, 471-479.	3.1	70
116	Ensemble Effects in the Coupling of Acetylene to Benzene on a Bimetallic Surface:Â A Study with Pd{111}/Au. The Journal of Physical Chemistry, 1996, 100, 2189-2194.	2.9	133
117	Ethyne Cyclization to Benzene over Cu(110). Langmuir, 1995, 11, 3048-3053.	1.6	78
118	Structural and Catalytic Properties of Novel Au/Pd Bimetallic Colloid Particles: EXAFS, XRD, and Acetylene Coupling. The Journal of Physical Chemistry, 1995, 99, 6096-6102.	2.9	220
119	Surface Structure and Reactivity in the Cyclization of Acetylene to Benzene with Pd Overlayers and Pd/Au Surface Alloys on Au{111}. The Journal of Physical Chemistry, 1995, 99, 5146-5151.	2.9	129
120	INTERACTION AND REACTION OF CARBON MONOXIDE AND OXYGEN ON Ru(100) AND Ru(100)-Pd. Surface Review and Letters, 1994, 01, 655-660.	0.5	9
121	Electron spectroscopic study of the growth, composition and stability of GeSx films prepared in ultra-high vacuum. Thin Solid Films, 1994, 237, 134-140.	0.8	22
122	Platinum-Promoted Catalysis by Ceria: A Study of Carbon Monoxide Oxidation over Pt(111)/CeO2. The Journal of Physical Chemistry, 1994, 98, 10901-10905.	2.9	111
123	Structure and properties of samarium overlayers and Sm/ Ni surface alloys on Ni(111). Surface Science, 1994, 301, 39-51.	0.8	24
124	Critical ensemble required for acetylene cyclization on palladium(111): a study of steric inhibition by coadsorbed oxygen. The Journal of Physical Chemistry, 1992, 96, 8111-8116.	2.9	55
125	Preparation, Structure and Properties of Novel Bimetallic Au/Pd Colloids. Materials Research Society Symposia Proceedings, 1992, 272, 85.	0.1	9
126	Spectroscopic observation of a catalyst surface in a reactive atmosphere at high pressure. Nature, 1992, 358, 658-660.	13.7	32

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127	Partial oxidation of unsaturated hydrocarbons over Pd(111): Oxygen scavenging of reactive intermediates and the formation of furan from C2H2 and C4H4. Catalysis Letters, 1990, 6, 121-129.	1.4	39
128	A rapid method for the evaluation of small catalyst samples. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1990, 8, 3874-3875.	0.9	2
129	Heterogeneously catalysed cyclotrimerisation of ethyne to benzene over supported palladium catalysts. Journal of the Chemical Society Chemical Communications, 1990, , 1421.	2.0	47
130	Discovery of a tilted form of benzene chemisorbed on Pd(111): As NEXAFS and photoemission investigation. Surface Science, 1990, 232, 259-265.	0.8	85
131	Two-dimensional compression and catalysis: Acetylene â†' benzene conversion induced by spectator nitric oxide. Surface Science, 1990, 225, L20-L24.	0.8	21
132	Molecular mechanism of heterogeneous alkene epoxidation: A model study with styrene on Ag(111). Surface Science, 1989, 219, L615-L622.	0.8	66
133	Molecular mechanisms in the cyclotrimerization of acetylene to benzene on palladium (111). The Journal of Physical Chemistry, 1988, 92, 1266-1270.	2.9	88
134	Alkali metal promoters and catalysts: a single-crystal investigation of ethylene epoxidation on cesium-doped silver(111). Langmuir, 1985, 1, 29-33.	1.6	73
135	Low temperature catalytic chemistry of the Pd(111) surface: benzene and ethylene from acetylene. Journal of the Chemical Society Chemical Communications, 1983, , 623.	2.0	90