

# Jorge Anibal Boscoboinik

## List of Publications by Year in descending order

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127  
papers

3,295  
citations

147801

31  
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182427

51  
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130  
all docs

130  
docs citations

130  
times ranked

4011  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exfoliating silica bilayers via intercalation at the silica/transition metal interface. <i>Nanotechnology</i> , 2022, 33, 135702.	2.6	0
2	Water Formation Reaction under Interfacial Confinement: Al <sub>0.25</sub> Si <sub>0.75</sub> O <sub>2</sub> on O-Ru(0001). <i>Nanomaterials</i> , 2022, 12, 183.	4.1	2
3	Solvent-free bottom-up patterning of zeolitic imidazolate frameworks. <i>Nature Communications</i> , 2022, 13, 420.	12.8	20
4	Effect of surface segregation on the oxidation resistance of Cu <sub>2</sub> Zn. <i>Physical Review Materials</i> , 2022, 6, .	2.3	2
5	Modulating the dynamics of Brønsted acid sites on PtWO <sub>x</sub> inverse catalyst. <i>Nature Catalysis</i> , 2022, 5, 144-153.	34.4	35
6	Atomistic mechanisms of the initial oxidation of stepped Cu <sub>2</sub> Zn. <i>Physical Review B</i> , 2022, 105, .	2.3	1
7	Mechanism for Acetone and Crotonaldehyde Production during Steam Reforming of Ethanol over La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> Perovskite: Evidence for a Shared C4 Aldol Addition Intermediate. <i>ACS Catalysis</i> , 2022, 12, 4358-4374.	11.2	3
8	Dilute Alloys Based on Au, Ag, or Cu for Efficient Catalysis: From Synthesis to Active Sites. <i>Chemical Reviews</i> , 2022, 122, 8758-8808.	47.7	50
9	Twin-free, directly synthesized MFI nanosheets with improved thickness uniformity and their use in membrane fabrication. <i>Science Advances</i> , 2022, 8, eabm8162.	10.3	30
10	In Situ Tracking of Nonthermal Plasma Etching of ZIF-8 Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 19023-19030.	8.0	7
11	Molybdenum Carbide Electrocatalyst In Situ Embedded in Porous Nitrogen-Rich Carbon Nanotubes Promotes Rapid Kinetics in Sulfur Batteries. <i>Advanced Materials</i> , 2022, 34, e2106572.	21.0	33
12	Addition of Transient Kinetics Capabilities to an Infrared Reflection Absorption Spectroscopy System through Synchronized Gas Pulsing and Data Acquisition. <i>Catalysis Today</i> , 2022, , .	4.4	0
13	In Situ Monitoring of H <sub>2</sub> -Induced Nonstoichiometry in Cu <sub>2</sub> O. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5597-5604.	4.6	8
14	Structural evolution of two-dimensional silicates using a bond-switching algorithm. <i>Nanoscale</i> , 2021, 13, 2408-2419.	5.6	2
15	Electron beam induced modification of ZIF-8 membrane permeation properties. <i>Chemical Communications</i> , 2021, 57, 5250-5253.	4.1	12
16	ZIF-8 Membrane Permselectivity Modification by Manganese(II) Acetylacetonate Vapor Treatment. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9316-9320.	13.8	36
17	Enhanced Catalysis under 2D Silica: A CO Oxidation Study. <i>Angewandte Chemie</i> , 2021, 133, 10983-10989.	2.0	1
18	Operando high-pressure investigation of size-controlled CuZn catalysts for the methanol synthesis reaction. <i>Nature Communications</i> , 2021, 12, 1435.	12.8	62

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19	ZIF-8 Membrane Permselectivity Modification by Manganese(II) Acetylacetonate Vapor Treatment. <i>Angewandte Chemie</i> , 2021, 133, 9402-9406.	2.0	7
20	Enhanced Catalysis under 2D Silica: A CO Oxidation Study. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10888-10894.	13.8	12
21	Predicting X-ray Photoelectron Peak Shapes: the Effect of Electronic Structure. <i>Journal of Physical Chemistry C</i> , 2021, 125, 10685-10692.	3.1	16
22	Mechanistic insights into carbon-carbon coupling on NiAu and PdAu single-atom alloys. <i>Journal of Chemical Physics</i> , 2021, 154, 204701.	3.0	10
23	Hydrogen, H <sub>2</sub> (g), by near-ambient-pressure soft x-ray synchrotron-radiation photoelectron spectroscopy. <i>Surface Science Spectra</i> , 2021, 28, 014008.	1.3	2
24	Experimental and Theoretical Insights into the Active Sites on WO <sub>x</sub> /Pt(111) Surfaces for Dehydrogenation and Dehydration Reactions. <i>ACS Catalysis</i> , 2021, 11, 8023-8032.	11.2	11
25	Xenon Trapping in Metal-Supported Silica Nanocages. <i>Small</i> , 2021, 17, 2103661.	10.0	2
26	Few-Unit-Cell MFI Zeolite Synthesized using a Simple Di-quaternary Ammonium Structure as Directing Agent. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19214-19221.	13.8	19
27	Coupling between bulk thermal defects and surface segregation dynamics. <i>Physical Review B</i> , 2021, 104, .	3.2	3
28	Few-Unit-Cell MFI Zeolite Synthesized using a Simple Di-quaternary Ammonium Structure as Directing Agent. <i>Angewandte Chemie</i> , 2021, 133, 19363-19370.	2.0	8
29	Selenium infiltrated hierarchical hollow carbon spheres display rapid kinetics and extended cycling as lithium metal battery (LMB) cathodes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 18582-18593.	10.3	5
30	Local Modulation of Single-Atomic Mn Sites for Enhanced Ambient Ammonia Electrosynthesis. <i>ACS Catalysis</i> , 2021, 11, 509-516.	11.2	93
31	Investigation of the NO reduction by CO reaction over oxidized and reduced NiO <sub>x</sub> /CeO <sub>2</sub> catalysts. <i>Catalysis Science and Technology</i> , 2021, 11, 7850-7865.	4.1	13
32	Xenon Trapping in Metal-Supported Silica Nanocages (Small 39/2021). <i>Small</i> , 2021, 17, 2170204.	10.0	0
33	Selective catalytic reduction of NO by ammonia and NO oxidation Over CoO <sub>x</sub> /CeO <sub>2</sub> catalysts. <i>Molecular Catalysis</i> , 2020, 482, 110664.	2.0	9
34	Site-Specific Sodiation Mechanisms of Selenium in Microporous Carbon Host. <i>Nano Letters</i> , 2020, 20, 918-928.	9.1	30
35	Confinement Effects on Furfuryl Alcohol Reactions over Porous Bilayer Silica-Modified Pd(111). <i>Journal of Physical Chemistry C</i> , 2020, 124, 25437-25446.	3.1	4
36	Potassium Metal Batteries: Stable Potassium Metal Anodes with an Al-Aluminum Current Collector through Improved Electrolyte Wetting (Adv. Mater. 49/2020). <i>Advanced Materials</i> , 2020, 32, 2070365.	21.0	1

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37	Multi-modal surface analysis of porous films under <i>operando</i> conditions. AIP Advances, 2020, 10, .	1.3	19
38	Measuring Charge Transfer between Adsorbate and Metal Surfaces. Journal of Physical Chemistry Letters, 2020, 11, 6827-6834.	4.6	7
39	Stable Potassium Metal Anodes with an All-Aluminum Current Collector through Improved Electrolyte Wetting. Advanced Materials, 2020, 32, e2002908.	21.0	70
40	Reversible Formation of Silanol Groups in Two-Dimensional Siliceous Nanomaterials under Mild Hydrothermal Conditions. Journal of Physical Chemistry C, 2020, 124, 18045-18053.	3.1	7
41	Zeolite Nanosheets Stabilize Catalyst Particles to Promote the Growth of Thermodynamically Unfavorable, Small-Diameter Carbon Nanotubes. Small, 2020, 16, e2002120.	10.0	7
42	Direct Evidence of Graphene-Induced Molecular Reorientation in Polymer Films. Advanced Materials Interfaces, 2020, 7, 2000113.	3.7	1
43	Maximization of carbon nanotube yield by solid carbon-assisted dewetting of iron catalyst films. Carbon, 2020, 165, 251-258.	10.3	10
44	Mechanism of the Accelerated Water Formation Reaction under Interfacial Confinement. ACS Catalysis, 2020, 10, 6119-6128.	11.2	20
45	Graphene/Polymer Interfaces: Direct Evidence of Graphene-Induced Molecular Reorientation in Polymer Films (Adv. Mater. Interfaces 12/2020). Advanced Materials Interfaces, 2020, 7, 2070066.	3.7	1
46	C=O bond activation using ultralow loading of noble metal catalysts on moderately reducible oxides. Nature Catalysis, 2020, 3, 446-453.	34.4	131
47	FeMo sub-nanoclusters/single atoms for neutral ammonia electrosynthesis. Nano Energy, 2020, 77, 105078.	16.0	56
48	Stabilization of a nanoporous NiCu dilute alloy catalyst for non-oxidative ethanol dehydrogenation. Catalysis Science and Technology, 2020, 10, 5207-5217.	4.1	17
49	Ambient pressure x-ray photoelectron spectroscopy study of water formation and adsorption under two-dimensional silica and aluminosilicate layers on Pd(111). Journal of Chemical Physics, 2020, 152, 084705.	3.0	29
50	Enhancing the partial oxidation of gasoline with Mo-doped Ni catalysts for SOFC applications: An integrated experimental and DFT study. Applied Catalysis B: Environmental, 2020, 266, 118626.	20.2	24
51	Tuning the surface composition of Cu <sub>3</sub> Au binary alloy. Physical Chemistry Chemical Physics, 2020, 22, 3379-3389.	2.8	11
52	Surface-reaction induced structural oscillations in the subsurface. Nature Communications, 2020, 11, 305.	12.8	27
53	Carbon monoxide, CO(g), by high-resolution near-ambient-pressure x-ray photoelectron spectroscopy. Surface Science Spectra, 2020, 27, 014002.	1.3	2
54	Tuning reactivity layer-by-layer: formic acid activation on Ag/Pd(111). Chemical Science, 2020, 11, 6492-6499.	7.4	7

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55	Environmental TEM Studies Reveal Catalyst/Support Registry on 2D Zeolites. <i>Microscopy and Microanalysis</i> , 2019, 25, 1458-1459.	0.4	1
56	Isolating the Roles of Hydrogen Exposure and Trace Carbon Contamination on the Formation of Active Catalyst Populations for Carbon Nanotube Growth. <i>ACS Nano</i> , 2019, 13, 8736-8748.	14.6	28
57	6th San Luis Conference on Surfaces, Interfaces and Catalysis. <i>Topics in Catalysis</i> , 2019, 62, 805-807.	2.8	0
58	Oxidation states in perovskite layers formed using various deposition techniques. <i>Journal of Renewable and Sustainable Energy</i> , 2019, 11, .	2.0	3
59	Morphology of Palladium Thin Film Deposited on a Two-Dimensional Bilayer Aluminosilicate. <i>Topics in Catalysis</i> , 2019, 62, 1067-1075.	2.8	3
60	Adsorption transparency of supported graphene. <i>Carbon</i> , 2019, 155, 580-586.	10.3	9
61	Lithium-Chemical Synthesis of Highly Conductive 3D Mesoporous Graphene for Highly Efficient New Generation Solar Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 1445-1451.	5.1	11
62	2D (Alumino)Silicate Noble Clathrates: Ionization-Facilitated Formation of 2D (Alumino)Silicate Noble Gas Clathrate Compounds ( <i>Adv. Funct. Mater.</i> 20/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970137.	14.9	0
63	Selenium-sulfur (SeS) fast charging cathode for sodium and lithium metal batteries. <i>Energy Storage Materials</i> , 2019, 20, 71-79.	18.0	50
64	Room-Temperature in Vacuo Chemisorption of Xenon Atoms on Ru(0001) under Interface Confinement. <i>Journal of Physical Chemistry C</i> , 2019, 123, 13578-13585.	3.1	5
65	Ionization-Facilitated Formation of 2D (Alumino)Silicate Noble Gas Clathrate Compounds. <i>Advanced Functional Materials</i> , 2019, 29, 1806583.	14.9	20
66	Synchrotron and optical probing of hybrid organic-inorganic perovskite halides for photovoltaics. , 2019, , .		0
67	Potassium-Promoted Reduction of Cu <sub>2</sub> O/Cu(111) by CO. <i>Journal of Physical Chemistry C</i> , 2019, 123, 8057-8066.	3.1	20
68	Chemistry in confined space through the eyes of surface science 2D porous materials. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 063001.	1.8	18
69	Fundamental study of furfuryl alcohol dehydration reaction over molybdenum oxide catalyst. <i>Molecular Catalysis</i> , 2019, 466, 19-25.	2.0	10
70	First-Principles Study of Interface Structures and Charge Rearrangement at the Aluminosilicate/Ru(0001) Heterojunction. <i>Journal of Physical Chemistry C</i> , 2019, 123, 7731-7739.	3.1	11
71	Tuning the Deoxygenation of Bulk-Dissolved Oxygen in Copper. <i>Journal of Physical Chemistry C</i> , 2018, 122, 8254-8261.	3.1	15
72	Stabilization of Oxidized Copper Nanoclusters in Confined Spaces. <i>Topics in Catalysis</i> , 2018, 61, 419-427.	2.8	13

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73	Synchrotron-based ambient pressure X-ray photoelectron spectroscopy of hydrogen and helium. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	13
74	Segregation Phenomena in Size-Selected Bimetallic CuNi Nanoparticle Catalysts. <i>Journal of Physical Chemistry B</i> , 2018, 122, 919-926.	2.6	18
75	Oxygen-Promoted Methane Activation on Copper. <i>Journal of Physical Chemistry B</i> , 2018, 122, 855-863.	2.6	29
76	ZnO(101̄...0) Surface Hydroxylation under Ambient Water Vapor. <i>Journal of Physical Chemistry B</i> , 2018, 122, 472-478.	2.6	35
77	Effects of copper loading on NH <sub>3</sub> -SCR and NO oxidation over Cu impregnated CHA zeolite. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 89-98.	2.7	19
78	Insight into the Phase Transformation Pathways of Copper Oxidation: From Oxygen Chemisorption on the Clean Surface to Multilayer Bulk Oxide Growth. <i>Journal of Physical Chemistry C</i> , 2018, 122, 26519-26527.	3.1	20
79	Nitrogen-doped graphene-based catalyst with metal-reduced organic framework: Chemical analysis and structure control. <i>Carbon</i> , 2018, 139, 933-944.	10.3	20
80	Synthesis of mesoscale, crumpled, reduced graphene oxide roses by water-in-oil emulsion approach. <i>Materials Research Express</i> , 2018, 5, 055601.	1.6	0
81	Effects of Residual Solvent Molecules Facilitating the Infiltration Synthesis of ZnO in a Nonreactive Polymer. <i>Chemistry of Materials</i> , 2017, 29, 4535-4545.	6.7	24
82	Nitrogen-doped graphene catalysts: High energy wet ball milling synthesis and characterizations of functional groups and particle size variation with time and speed. <i>International Journal of Energy Research</i> , 2017, 41, 2535-2554.	4.5	27
83	Immobilization of single argon atoms in nano-cages of two-dimensional zeolite model systems. <i>Nature Communications</i> , 2017, 8, 16118.	12.8	29
84	Stand-alone polarization-modulation infrared reflection absorption spectroscopy instrument optimized for the study of catalytic processes at elevated pressures. <i>Review of Scientific Instruments</i> , 2017, 88, 105109.	1.3	8
85	Energy Level Shifts at the Silica/Ru(0001) Heterojunction Driven by Surface and Interface Dipoles. <i>Topics in Catalysis</i> , 2017, 60, 481-491.	2.8	32
86	Studying two-dimensional zeolites with the tools of surface science: MFI nanosheets on Au(111). <i>Catalysis Today</i> , 2017, 280, 283-288.	4.4	11
87	Cover Image, Volume 41, Issue 15. <i>International Journal of Energy Research</i> , 2017, 41, i-i.	4.5	1
88	Adsorption and Oligomerization of 1,3-Phenylene Diisocyanide on Au(111). <i>Journal of Physical Chemistry C</i> , 2016, 120, 9270-9275.	3.1	5
89	Oxidation and Reduction under Cover: Chemistry at the Confined Space between Ultrathin Nanoporous Silicates and Ru(0001). <i>Journal of Physical Chemistry C</i> , 2016, 120, 8240-8245.	3.1	44
90	Comparative Study of the Oxidation of NiAl(100) by Molecular Oxygen and Water Vapor Using Ambient-Pressure X-ray Photoelectron Spectroscopy. <i>Langmuir</i> , 2016, 32, 11414-11421.	3.5	34

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91	Oxidation of the Ru(0001) surface covered by weakly bound, ultrathin silicate films. <i>Surface Science</i> , 2016, 646, 19-25.	1.9	28
92	Structural Changes in Self-Catalyzed Adsorption of Carbon Monoxide on 1,4-Phenylene Diisocyanide Modified Au(111). <i>Journal of Physical Chemistry C</i> , 2015, 119, 18317-18325.	3.1	9
93	Formation of Induced-Fit Chiral Templates by Amino Acid-Functionalized Pd(111) Surfaces. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3556-3563.	3.1	12
94	Observation of Surface-Bound Negatively Charged Hydride and Hydroxide on GaP(110) in H <sub>2</sub> O Environments. <i>Journal of Physical Chemistry C</i> , 2015, 119, 17762-17772.	3.1	39
95	Low Pressure CO <sub>2</sub> Hydrogenation to Methanol over Gold Nanoparticles Activated on a CeO <sub>2</sub> /TiO <sub>2</sub> Interface. <i>Journal of the American Chemical Society</i> , 2015, 137, 10104-10107.	13.7	200
96	Ultrathin Ti-Silicate Film on a Ru(0001) Surface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15443-15448.	3.1	17
97	Stabilization of Ultrathin Zinc Oxide Films on Metals: Reconstruction versus Hydroxylation. <i>Journal of Physical Chemistry C</i> , 2015, 119, 7842-7847.	3.1	37
98	Directed Nanoscale Self-Assembly of Molecular Wires Interconnecting Nodal Points Using Monte Carlo Simulations. <i>Chemistry of Materials</i> , 2015, 27, 6642-6649.	6.7	6
99	Adsorbate-driven morphological changes on Cu(111) nano-pits. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3032-3038.	2.8	8
100	Ultrathin Silica Films: The Atomic Structure of Two-Dimensional Crystals and Glasses. <i>Chemistry - A European Journal</i> , 2014, 20, 9176-9183.	3.3	51
101	Molybdenum Carbide as Alternative Catalysts to Precious Metals for Highly Selective Reduction of CO <sub>2</sub> to CO. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6705-6709.	13.8	329
102	Formation of Chiral Self-Assembled Structures of Amino Acids on Transition-Metal Surfaces: Alanine on Pd(111). <i>Journal of Physical Chemistry C</i> , 2014, 118, 6856-6865.	3.1	26
103	Exploring Zeolite Chemistry with the Tools of Surface Science: Challenges, Opportunities, and Limitations. <i>Catalysis Letters</i> , 2014, 144, 1987-1995.	2.6	28
104	Determination of Adsorbate Structures from 1,4-Phenylene Diisocyanide on Gold. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3577-3581.	4.6	17
105	Preparation of an ordered ultra-thin aluminosilicate framework composed of hexagonal prisms forming a percolated network. <i>Microporous and Mesoporous Materials</i> , 2014, 189, 91-96.	4.4	13
106	Patterned Defect Structures Predicted for Graphene Are Observed on Single-Layer Silica Films. <i>Nano Letters</i> , 2013, 13, 4422-4427.	9.1	42
107	Linking gold nanoparticles with conductive 1,4-phenylene diisocyanide-gold oligomers. <i>Chemical Communications</i> , 2013, 49, 1422.	4.1	25
108	Identifying Molecular Species on Surfaces by Scanning Tunneling Microscopy: Methyl Pyruvate on Pd(111). <i>Journal of Physical Chemistry C</i> , 2013, 117, 4505-4514.	3.1	15

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109	Hydroxylation of Metal-Supported Sheet-Like Silica Films. <i>Journal of Physical Chemistry C</i> , 2013, 117, 8336-8344.	3.1	33
110	Interaction of Probe Molecules with Bridging Hydroxyls of Two-Dimensional Zeolites: A Surface Science Approach. <i>Journal of Physical Chemistry C</i> , 2013, 117, 13547-13556.	3.1	67
111	Building blocks of zeolites on an aluminosilicate ultra-thin film. <i>Microporous and Mesoporous Materials</i> , 2013, 165, 158-162.	4.4	42
112	Atomic Structure of an Ultrathin Fe-Silicate Film Grown on a Metal: A Monolayer of Clay?. <i>Journal of the American Chemical Society</i> , 2013, 135, 19222-19228.	13.7	35
113	Thin silica films on Ru(0001): monolayer, bilayer and three-dimensional networks of [SiO <sub>4</sub> ] tetrahedra. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11344.	2.8	106
114	Structure of the Au/Pd(100) Alloy Surface. <i>Journal of Physical Chemistry C</i> , 2012, 116, 4692-4697.	3.1	8
115	Support effects on the atomic structure of ultrathin silica films on metals. <i>Applied Physics Letters</i> , 2012, 100, 151608.	3.3	80
116	Modeling Zeolites with Metal-Supported Two-Dimensional Aluminosilicate Films. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6005-6008.	13.8	96
117	Low Temperature CO Oxidation on Ruthenium Oxide Thin Films at Near-Atmospheric Pressures. <i>Catalysis Letters</i> , 2012, 142, 657-663.	2.6	21
118	Structure and Distribution of <i>S</i> -(1-Naphthyl)-ethylamine on Pd(111). <i>Journal of Physical Chemistry C</i> , 2011, 115, 16488-16494.	3.1	28
119	Efficient Transport of Gold Atoms with a Scanning Tunneling Microscopy Tip and a Linker Molecule. <i>Langmuir</i> , 2011, 27, 9337-9344.	3.5	8
120	Creation of Low-Coordination Gold Sites on Au(111) Surface by 1,4-phenylene Diisocyanide Adsorption. <i>Topics in Catalysis</i> , 2011, 54, 20-25.	2.8	36
121	Adsorption-desorption kinetics of the monomer-dimer mixture. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 1317-1328.	2.6	4
122	Sequential desorption of dimers from square lattices: A novel mechanism for phase transitions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 4116-4126.	2.6	0
123	Identification of Adsorption Ensembles on Bimetallic Alloys. <i>Journal of Physical Chemistry C</i> , 2010, 114, 1875-1880.	3.1	16
124	One-dimensional supramolecular surface structures: 1,4-diisocyanobenzene on Au(111) surfaces. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 11624.	2.8	44
125	Enantioselective Chemisorption on Model Chirally Modified Surfaces: 2-Butanol on <i>S</i> -(1-Naphthyl)ethylamine/Pd(111). <i>Journal of Physical Chemistry C</i> , 2009, 113, 13877-13885.	3.1	34
126	The adsorption and reaction of vinyl acetate on Au/Pd(111) alloy surfaces. <i>Surface Science</i> , 2008, 602, 3523-3530.	1.9	14



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127	<p>Monte Carlo and density functional theory analysis of the distribution of gold and palladium atoms</p> $\text{Au} \hat{\cdot} \text{Pd}$ <p>Physical Review B, 2008, 77, .</p>	3.2	52