

# Joachim Bansmann

## List of Publications by Year in descending order

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138  
papers

3,349  
citations

159525

30  
h-index

189801

50  
g-index

140  
all docs

140  
docs citations

140  
times ranked

3382  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic and structural properties of isolated and assembled clusters. Surface Science Reports, 2005, 56, 189-275.	3.8	384
2	Circular dichroism in the angular distribution of photoelectrons from oriented CO molecules. Physical Review Letters, 1989, 63, 151-154.	2.9	133
3	The behaviour of nanostructured magnetic materials produced by depositing gas-phase nanoparticles. Journal Physics D: Applied Physics, 2005, 38, R357-R379.	1.3	105
4	Morphology-Engineered Highly Active and Stable Ru/TiO <sub>2</sub> Catalysts for Selective CO Methanation. Angewandte Chemie - International Edition, 2019, 58, 10732-10736.	7.2	81
5	Active Au Species During the Low-Temperature Water Gas Shift Reaction on Au/CeO <sub>2</sub> : A Time-Resolved Operando XAS and DRIFTS Study. ACS Catalysis, 2017, 7, 6471-6484.	5.5	74
6	Deactivation of Au/CeO <sub>2</sub> catalysts during CO oxidation: Influence of pretreatment and reaction conditions. Journal of Catalysis, 2016, 341, 160-179.	3.1	67
7	Spin-polarization effects for electrons passing through thin iron and cobalt films. Solid State Communications, 1993, 87, 467-469.	0.9	66
8	Raising the CO Methanation Activity of a Ru <sub>3</sub> Al <sub>2</sub> O <sub>3</sub> Catalyst by Activated Modification of Metal-Support Interactions. Angewandte Chemie - International Edition, 2020, 59, 22763-22770.	7.2	66
9	Circular dichroism in x-ray photoemission from core levels of nonmagnetic species. Physical Review B, 1992, 46, 13496-13500.	1.1	59
10	Magnetic studies on mass-selected iron particles. European Physical Journal D, 2001, 16, 173-176.	0.6	59
11	Nanoscale magnetism probed by nuclear resonant scattering of synchrotron radiation. Physical Review B, 2003, 67, .	1.1	59
12	The interaction of CO with PdAg/Pd(111) surface alloys-A case study of ensemble effects on a bimetallic surface. Physical Chemistry Chemical Physics, 2011, 13, 10741.	1.3	59
13	Perpendicular Spin Orientation in Ultrasmall Fe Islands on W(110). Physical Review Letters, 2001, 86, 5597-5600.	2.9	57
14	Structure and magnetic moments of mass-filtered deposited nanoparticles. Journal of Applied Physics, 2007, 101, 114318.	1.1	56
15	Size-Dependent Spin Structures in Iron Nanoparticles. Physical Review Letters, 2010, 104, 127201.	2.9	48
16	Circular dichroism in photoemission from oriented molecules at surfaces. Surface Science, 1991, 253, 205-219.	0.8	46
17	X-ray photoelectron spectrum in surface interfacing of gold nanoparticles with polymer molecules in a hybrid nanocomposite structure. Nanotechnology, 2009, 20, 075701.	1.3	46
18	Direct Observation of Magnetic Metastability in Individual Iron Nanoparticles. Physical Review Letters, 2014, 112, 107201.	2.9	46

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19	Spin resolved photoemission study of Co(0001) films. Journal of Magnetism and Magnetic Materials, 1996, 161, 70-88.	1.0	44
20	Electronic metal-support interactions and their promotional effect on CO <sub>2</sub> methanation on Ru/ZrO <sub>2</sub> catalysts. Journal of Catalysis, 2021, 400, 407-420.	3.1	44
21	Formation, stability and CO adsorption properties of PdAg/Pd(111) surface alloys. Surface Science, 2009, 603, 1046-1054.	0.8	40
22	Interaction of CO with planar Au/TiO <sub>2</sub> model catalysts at elevated pressures. Topics in Catalysis, 2007, 44, 83-93.	1.3	39
23	Size-dependent magnetic spin and orbital moments of Fe nanoparticles deposited onto Co/W(110). Physical Review B, 2009, 79, .	1.1	39
24	Au/TiO <sub>2</sub> /Ru(0001) model catalysts and their interaction with CO. Surface Science, 2006, 600, 4992-5003.	0.8	38
25	CO adsorption energy on planar Au/TiO <sub>2</sub> model catalysts under catalytically relevant conditions. Journal of Catalysis, 2007, 252, 171-177.	3.1	38
26	Controlling the Interparticle Spacing of Au <sup>+</sup> Salt Loaded Micelles and Au Nanoparticles on Flat Surfaces. Langmuir, 2007, 23, 10150-10155.	1.6	36
27	Quadratic X-ray Magneto-Optical Effect in p-polarized Reflection in a Near-Normal-Incidence Configuration at the $M$ Edges of Transition Metals. Physical Review Letters, 2010, 104, 187401.	2.9	32
28	Spin-resolved photoemission from physisorbed xenon on ferromagnetic surfaces: Evidence for magnetic interactions. Physical Review Letters, 1993, 71, 793-796.	2.9	31
29	Relationship between magnetic circular and linear dichroism in photoemission from Fe <sub>3d</sub> core level: An experimental and theoretical investigation. Physical Review B, 1999, 60, 13860-13868.	1.1	31
30	Circular dichroism in photoemission from surfaces. Surface Science, 1991, 251-252, 132-135.	0.8	30
31	Temperature dependence of the magnetization in Fe islands on W(110): evidence for spin-wave quantization. New Journal of Physics, 2003, 5, 47-47.	1.2	30
32	Surface alloy formation, short-range order, and deuterium adsorption properties of monolayer PdRu/Ru(0001) surface alloys. Surface Science, 2009, 603, 1439-1455.	0.8	30
33	Interaction of CO with Structurally Well-Defined Monolayer PtAu/Pt(111) Surface Alloys. Journal of Physical Chemistry C, 2012, 116, 11154-11165.	1.5	30
34	Reactive Interaction of (Sub-)monolayers and Multilayers of the Ionic Liquid 1-Butyl-1-methylpyrrolidinium Bis(trifluoro-methylsulfonyl)imide with Coadsorbed Lithium on Cu(111). Journal of Physical Chemistry C, 2015, 119, 16649-16659.	1.5	30
35	Correlation of shape and magnetic anisotropy of supported mass-filtered Fe and FeCo alloy nanoparticles on W(110). Journal of Physics Condensed Matter, 2008, 20, 445005.	0.7	29
36	From Adlayer Islands to Surface Alloy: Structural and Chemical Changes on Bimetallic PtRu/Ru(0001) Surfaces. ChemPhysChem, 2010, 11, 3123-3132.	1.0	29

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37	Magnetic circular dichroism in valence-band photo-emission from Fe(100). <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 1691-1692.	1.0	28
38	X-ray imaging and spectroscopy of individual cobalt nanoparticles using photoemission electron microscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, 426-428.	1.0	28
39	On the Morphology and Stability of Au Nanoparticles on TiO <sub>2</sub> (110) Prepared from Micelle-Stabilized Precursors. <i>Langmuir</i> , 2006, 22, 7873-7880.	1.6	27
40	A new allotropic structure of silver nanocrystals nucleated and grown over planar polymer molecules. <i>Philosophical Magazine Letters</i> , 2007, 87, 361-372.	0.5	27
41	Effects of SiO <sub>2</sub> -doping on high-surface-area Ru/TiO <sub>2</sub> catalysts for the selective CO methanation. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119483.	10.8	27
42	Exchange splitting of adsorbate-induced bands on thin iron films. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 1781-1782.	1.0	26
43	A variable-angle electron spin polarization detection system. <i>Review of Scientific Instruments</i> , 1998, 69, 3913-3923.	0.6	26
44	Circular Dichroism in Photoemission from Nonmagnetic, Low-Z Solids: A Conspicuous Effect of the Photon Spin. <i>Europhysics Letters</i> , 1992, 17, 727-732.	0.7	25
45	Magnetic interactions in different oxidation states of thin cobalt films. <i>Journal of Magnetism and Magnetic Materials</i> , 1994, 131, 304-310.	1.0	25
46	Structure, morphology, and magnetic properties of Fe nanoparticles deposited onto single-crystalline surfaces. <i>Beilstein Journal of Nanotechnology</i> , 2011, 2, 47-56.	1.5	25
47	Novel N, C doped Ti(IV)-oxides as Pt-free catalysts for the O <sub>2</sub> reduction reaction. <i>Electrochimica Acta</i> , 2014, 146, 335-345.	2.6	25
48	Steering the selectivity in CO <sub>2</sub> reduction on highly active Ru/TiO <sub>2</sub> catalysts: Support particle size effects. <i>Journal of Catalysis</i> , 2021, 401, 160-173.	3.1	25
49	Spin resolved photoemission study of oxygen on thin cobalt films. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 77, 197-207.	0.8	24
50	Magnetism of mass-filtered nanoparticles on ferromagnetic supports. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 80, 957-964.	1.1	24
51	Interaction of CO and deuterium with bimetallic, monolayer Pt-island/film covered Ru(0001) surfaces. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 10919.	1.3	22
52	Intercalation and Deintercalation of Lithium at the Ionic Liquid-Graphite(0001) Interface. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5804-5809.	2.1	22
53	Mass-filtered ferromagnetic alloy clusters on surfaces. <i>Surface Science</i> , 2004, 566-568, 332-336.	0.8	21
54	Mass-filtered cobalt clusters in contact with epitaxially ordered metal surfaces. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 82, 73-79.	1.1	21

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55	Structure, composition and magnetic properties of size-selected FeCo alloy clusters on surfaces. Applied Physics A: Materials Science and Processing, 2006, 82, 95-101.	1.1	21
56	The electronic structure of benzene adsorbed on thin Fe(110) and Co(0001) films. Surface Science, 1995, 323, 118-128.	0.8	20
57	Magnetic linear dichroism in valence band photoemission – a technique to study electronic and magnetic properties. Journal of Magnetism and Magnetic Materials, 1998, 185, 94-100.	1.0	20
58	Surface hysteresis curves of Fe(110) and Fe(100) crystals in ultrahigh vacuum – evidence of adsorbate influences. Journal of Magnetism and Magnetic Materials, 1992, 117, 38-44.	1.0	19
59	Oxygen on Fe(110): magnetic properties of the adsorbate system. Journal of Magnetism and Magnetic Materials, 1999, 192, 458-466.	1.0	19
60	Magnetic circular dichroism in valence-band photoemission from iron (100). Surface Science, 1992, 269-270, 622-626.	0.8	18
61	Scanning mass spectrometer for quantitative reaction studies on catalytically active microstructures. Review of Scientific Instruments, 2007, 78, 084104.	0.6	18
62	CO oxidation on planar Au/TiO <sub>2</sub> model catalysts: Deactivation and the influence of water. Vacuum, 2009, 84, 193-196.	1.6	18
63	Surface magnetism of iron on W(110). Zeitschrift für Physik B-Condensed Matter, 1997, 104, 11-20.	1.1	17
64	Chemical properties of structurally well-defined PdRu/Ru(0001) surface alloys – Interaction with CO. Surface Science, 2009, 603, 1456-1466.	0.8	17
65	Structure formation and surface chemistry of ionic liquids on model electrode surfaces – Model studies for the electrode   electrolyte interface in Li-ion batteries. Journal of Chemical Physics, 2018, 148, 193821.	1.2	17
66	Iron islands and dots on W(110) studied with polarized synchrotron radiation. Journal of Electron Spectroscopy and Related Phenomena, 2000, 106, 221-232.	0.8	16
67	Planar Au/TiO <sub>2</sub> Model Catalysts: Fabrication, Characterization and Catalytic Activity. ChemPhysChem, 2010, 11, 1430-1437.	1.0	16
68	Magnetism of 3d transition metal nanoparticles on surfaces probed with synchrotron radiation – from ensembles towards individual objects. Physica Status Solidi (B): Basic Research, 2010, 247, 1152-1160.	0.7	16
69	Probing single magnetic nanoparticles by polarization-dependent soft x-ray absorption spectromicroscopy. Journal Physics D: Applied Physics, 2010, 43, 474006.	1.3	16
70	Coadsorption of hydrogen and CO on well-defined Pt <sub>35</sub> Ru <sub>65</sub> /Ru(0001) surface alloys – site specificity vs. adsorbate – adsorbate interactions. Physical Chemistry Chemical Physics, 2010, 12, 9801.	1.3	15
71	Structure Formation and Thermal Stability of Mono- and Multilayers of Ethylene Carbonate on Cu(111): A Model Study of the Electrode   Electrolyte Interface. Journal of Physical Chemistry C, 2016, 120, 16791-16803.	1.5	15
72	Iodine on a magnetized iron film evidence for a magnetic coupling. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 182, 153-156.	0.9	14

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73	Orientation and substrate interaction of adsorbed CO and NO molecules probed by circular dichroism in the angular distribution of photoelectrons. <i>Physical Review B</i> , 1994, 50, 17534-17539.	1.1	14
74	Circular dichroism in X-ray photoemission from Pd(111) and CO/Pd(111). <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1995, 33, 257-264.	1.0	14
75	CO interactions with ferromagnetic surfaces. <i>Journal of Chemical Physics</i> , 1995, 103, 6691-6696.	1.2	14
76	Coadsorption of Hydrogen and CO on Hydrogen Precovered PtRu/Ru(0001) Surface Alloys. <i>ChemPhysChem</i> , 2010, 11, 1482-1490.	1.0	14
77	Experimental and Computational Study on the Interaction of an Ionic Liquid Monolayer with Lithium on Pristine and Lithiated Graphite. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18968-18981.	1.5	14
78	Fundamental Aspects of Ceria Supported Au Catalysts Probed by In Situ/Operando Spectroscopy and TAP Reactor Studies. <i>ChemPhysChem</i> , 2021, 22, 1302-1315.	1.0	14
79	Oxidation of rubidium at platinum (111). <i>Surface Science</i> , 1994, 307-309, 70-75.	0.8	13
80	Photoemission from Co/W(110) with unpolarized and circularly polarized radiation. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 148, 60-61.	1.0	12
81	Rotation of the easy-magnetization direction upon the phase transition from thin iron films to islands on W(110). <i>Journal of Physics Condensed Matter</i> , 1998, 10, 2873-2880.	0.7	12
82	High-pressure study on the adsorption and oxidation of CO on gold/titania model catalysts. <i>Surface Science</i> , 2007, 601, 3801-3804.	0.8	12
83	Chemical and Electronic Changes of the CeO <sub>2</sub> Support during CO Oxidation on Au/CeO <sub>2</sub> Catalysts: Time-Resolved Operando XAS at the Ce LIII Edge. <i>Catalysts</i> , 2019, 9, 785.	1.6	12
84	Oxygen on Fe(100) and Fe(110). <i>Fresenius' Journal of Analytical Chemistry</i> , 1995, 353, 743-747.	1.5	11
85	Magnetic circular and linear dichroism in VUV-photoemission from thin iron films on W(110). <i>Surface Science</i> , 1996, 352-354, 898-901.	0.8	11
86	Structure and magnetism of self-organized Co islands. <i>European Physical Journal D</i> , 1999, 9, 461-466.	0.6	11
87	Temperature dependent magnetic spin and orbital moments of mass-filtered cobalt clusters on Au(111). <i>European Physical Journal D</i> , 2007, 45, 521-528.	0.6	11
88	Product gas evolution above planar microstructured model catalysts – A combined scanning mass spectrometry, Monte Carlo, and Computational Fluid Dynamics study. <i>Journal of Chemical Physics</i> , 2010, 133, 094504.	1.2	11
89	EXCHANGE-SPLITTING OF ADSORBATE-INDUCED BANDS IN CHEMISORPTION ON FERROMAGNETIC 3d-METALS. <i>Journal De Physique Colloque</i> , 1988, 49, C8-1643-C8-1644.	0.2	11
90	A study of the oxidation states of Co(0001). <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 729-730.	1.0	10

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91	The influence of a linear photon polarisation light on measurements of the circular dichroism in photoemission. <i>Surface Science</i> , 1995, 331-333, 1197-1202.	0.8	10
92	Structure and magnetism of hcp(0001) and fcc(001) thin cobalt films on a clean and carbon-reconstructed W(110) surface. <i>Surface Science</i> , 2000, 454-456, 936-941.	0.8	10
93	Size effects in the temperature-dependent magnetization of iron clusters. <i>Materials Science and Engineering C</i> , 2002, 19, 305-310.	3.8	10
94	Tunnelling spectroscopy on silver islands and large deposited silver clusters on Ge(001). <i>Applied Physics A: Materials Science and Processing</i> , 2006, 82, 131-137.	1.1	10
95	Valence band photoemission from thin iron films – a comparison of experimental and theoretical results. <i>Surface Science</i> , 1998, 402-404, 365-370.	0.8	9
96	Exoelectron emission from magnesium surfaces. <i>Surface Science</i> , 1999, 442, 477-484.	0.8	9
97	Thickness dependence and magnetocrystalline anisotropy of the x-ray transverse magneto-optical Kerr effect at the Co <sub>2</sub> pedges of ultrathin Co films on W(110). <i>Physical Review B</i> , 2005, 72, .	1.1	9
98	The Adsorption of Oxygen and Coadsorption of CO and Oxygen on Structurally Well-Defined PdAg Surface Alloys. <i>ChemPhysChem</i> , 2012, 13, 3516-3525.	1.0	9
99	Interaction between Li, Ultrathin Adsorbed Ionic Liquid Films, and CoO(111) Thin Films: A Model Study of the Solid   Electrolyte Interphase Formation. <i>Chemistry of Materials</i> , 2019, 31, 5537-5549.	3.2	9
100	Model Studies on the Formation of the Solid Electrolyte Interphase: Reaction of Li with Ultrathin Adsorbed Ionic-Liquid Films and Co <sub>3</sub> O <sub>4</sub> (111) Thin Films. <i>ChemPhysChem</i> , 2021, 22, 441-454.	1.0	9
101	Information on structure and photoemission dynamics of molecular absorbates from circular dichroism in photoemission. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1990, 52, 613-622.	0.8	8
102	Experimental observation of circular dichroism in photoemission. <i>Vacuum</i> , 1990, 41, 87-89.	1.6	8
103	Epitaxial cobalt films on W(110) – an experimental and theoretical photoemission study with polarized synchrotron radiation. <i>Surface Science</i> , 2000, 454-456, 686-691.	0.8	7
104	Stability and chemisorption properties of ultrathin TiO <sub>x</sub> /Pt(111) films and Au/TiO <sub>x</sub> /Pt(111) model catalysts in reactive atmospheres. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 6864.	1.3	7
105	Nanostructured, mesoporous Au/TiO <sub>2</sub> model catalysts – structure, stability and catalytic properties. <i>Beilstein Journal of Nanotechnology</i> , 2011, 2, 593-606.	1.5	7
106	Geometric and electronic structure of Au on Au/CeO <sub>2</sub> catalysts during the CO oxidation: Deactivation by reaction induced particle growth. <i>Journal of Physics: Conference Series</i> , 2016, 712, 012044.	0.3	7
107	Morphologie-optimierte hochaktive und –stabile Ru/TiO <sub>2</sub> -Katalysatoren für die selektive CO-Methanisierung. <i>Angewandte Chemie</i> , 2019, 131, 10842-10847.	1.6	7
108	Adlayer growth vs spontaneous (near-) surface alloy formation: Zn growth on Au(111). <i>Journal of Chemical Physics</i> , 2020, 152, 124701.	1.2	7

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109	Controlling the selectivity of high-surface-area Ru/TiO <sub>2</sub> catalysts in CO <sub>2</sub> reduction - modifying the reaction properties by Si doping of the support. <i>Applied Catalysis B: Environmental</i> , 2022, 317, 121748.	10.8	7
110	Oxygen adsorbed on rare earth surfaces. <i>Surface Science</i> , 1996, 352-354, 123-127.	0.8	6
111	Surface magnetism of iron and cobalt on W(110) probed with polarized synchrotron radiation. <i>Applied Physics A: Materials Science and Processing</i> , 2001, 72, 447-453.	1.1	6
112	Influence of substrate and temperature on the shape of deposited Fe, Co, and FeCo nanoparticles. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 1032-1038.	0.7	6
113	Interaction of Coadsorbed CO and Deuterium on a Bimetallic, Pt Monolayer Island Modified Ru(0001) Surface. <i>Journal of Physical Chemistry C</i> , 2014, 118, 28948-28958.	1.5	6
114	Influence of re-activation and ongoing CO oxidation reaction on the chemical and electronic properties of Au on a Au/CeO <sub>2</sub> catalyst: A XANES study at the Au L III edge. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2017, 220, 86-90.	0.8	6
115	Adsorbates on thin iron(100) films. <i>Fresenius' Journal of Analytical Chemistry</i> , 1995, 353, 748-752.	1.5	5
116	Magnetic dichroism in photoemission from oxygen atoms adsorbed on cobalt surfaces. <i>Surface Science</i> , 1998, 402-404, 371-376.	0.8	5
117	On-Chip Direct Laser Writing of PAN-Based Carbon Supercapacitor Electrodes. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100731.	2.0	5
118	Magnetic properties of transition metal films and islands on W(110). <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1997, 40, 570-573.	1.0	4
119	Chalcogen adsorption and surface magnetism. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2000, 107, 293-300.	0.8	4
120	TRANSVERSE MAGNETO-OPTICAL KERR EFFECT IN THE SOFT X-RAY REGIME OF ULTRATHIN IRON FILMS AND ISLANDS ON W(110). <i>Surface Review and Letters</i> , 2002, 09, 913-919.	0.5	4
121	Ru(0001) surface electrochemistry in the presence of specifically adsorbing anions. <i>Electrochimica Acta</i> , 2021, 389, 138350.	2.6	4
122	Atmospheric Pressure Plasma-Jet Treatment of PAN-Nonwovens' Carbonization of Nanofiber Electrodes. <i>Journal of Carbon Research</i> , 2022, 8, 33.	1.4	3
123	Photoemission from. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 669-670.	1.0	2
124	Magnetic phenomena of cobalt on Cu(111). <i>Surface Science</i> , 1997, 377-379, 476-480.	0.8	2
125	k-resolved electronic properties of ternary heavy fermion systems. <i>Physical Review B</i> , 1998, 58, 9670-9673.	1.1	2
126	CO Oxidation on Planar Au/TiO <sub>2</sub> Model Catalysts under Realistic Conditions: A Combined Kinetic and IR Study. <i>ChemPhysChem</i> , 2021, 22, 542-552.	1.0	2



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127	Interaction of bimetallic Zn/Au(111) surfaces with O <sub>2</sub> or NO <sub>2</sub> and formation of ZnO <sub>x</sub> /Au(111). Surface Science, 2021, 711, 121863.	0.8	2
128	Supported and embedded Fe nanoparticles: Influence of the environment on shape and interface contributions to the magnetic anisotropy. Journal of Physics: Conference Series, 2010, 211, 012017.	0.3	1
129	The role of surface Pt on the coadsorption of hydrogen and CO on Pt monolayer film modified Ru(0001) surfaces. Surface Science, 2016, 652, 123-133.	0.8	1
130	Low-temperature nucleation and growth of Zn on Au(111) and thermal stability toward (surface) alloy formation. Journal of Chemical Physics, 2021, 155, 124704.	1.2	1
131	Structure and magnetism of self-organized Co islands. , 1999, , 461-466.		1
132	Publisher's Note: Nanoscale magnetism probed by nuclear resonant scattering of synchrotron radiation [Phys. Rev. B67, 245412 (2003)]. Physical Review B, 2003, 68, .	1.1	0
133	Magnetic and Structural Properties of Isolated and Assembled Clusters. ChemInform, 2005, 36, no.	0.1	0
134	The Structure of Gold Nanoparticles on Different Substrates Studied by Aberration Corrected High Resolution Transmission Electron Microscopy. Microscopy and Microanalysis, 2007, 13, 266-267.	0.2	0
135	The durability of stainless steel bondings. Adhesion Adhesives and Sealants, 2016, 13, 26-31.	0.1	0
136	Aktiviertere Metall-Wechselwirkungen als Schlüsseler hochaktive Ru/Al <sub>2</sub> O <sub>3</sub> Katalysatoren für die CO x-Methanisierung. Angewandte Chemie, 2020, 132, 22951-22959.	1.6	0
137	Synchrotron-Based Mössbauer Spectroscopy at Iron Islands and Clusters on Tungsten (110). Lecture Notes in Physics, 2001, , 382-388.	0.3	0
138	Magnetic properties of transition metal films and islands on W(110). , 1997, , 570-573.		0