

# P Soukiassian

## List of Publications by Year in descending order

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2262  
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#	ARTICLE	IF	CITATIONS
1	Comment on "Adsorption of hydrogen and hydrocarbon molecules on SiC(001)" by Pollmann et al. (Surf. Sci. Rep. 69 (2014) 55-104). Surface Science, 2016, 644, L170-L171.	1.9	1
2	Nano-structures developing at the graphene/silicon carbide interface. Surface Science, 2011, 605, L6-L11.	1.9	7
3	Competing nucleation mechanisms and growth of InAsSbP quantum dots and nano-pits on the InAs(100) surface. Surface Science, 2010, 604, 1127-1134.	1.9	9
4	Multilayer epitaxial graphene grown on the surface; structure and electronic properties. Journal Physics D: Applied Physics, 2010, 43, 374006.	2.8	66
5	Epitaxial graphene: the material for graphene electronics. Physica Status Solidi - Rapid Research Letters, 2009, 3, A91.	2.4	45
6	First Direct Observation of a Nearly Ideal Graphene Band Structure. Physical Review Letters, 2009, 103, 226803.	7.8	399
7	Strain-induced InAsSbP islands and quantum dots grown by liquid phase epitaxy on a InAs(100) substrate. Journal Physics D: Applied Physics, 2008, 41, 162004.	2.8	24
8	Interaction of atomic hydrogen with the $\sqrt{2}\times\sqrt{2}$ -SiC(100) $3\times 3$ surface and subsurface. Journal of Chemical Physics, 2007, 127, 164716.	3.0	10
9	Selective silver atom interaction at $\sqrt{2}\times\sqrt{2}$ -SiC(100) $3\times 3$ surface. From anisotropic diffusion to metal atomic wires and stripes. Physical Review B, 2007, 76, .	3.2	2
10	Atomic structure determination of the $3\times 3$ -SiC(001) $c(4\times 2)$ surface reconstruction: Experiment and theory. Physical Review B, 2007, 75, .	3.2	14
11	Structure of the $3\times 3$ -SiC(100) $5\times 2$ Surface Reconstruction Investigated by Synchrotron Radiation Based Grazing Incidence X-Ray Diffraction. Materials Science Forum, 2007, 556-557, 533-536.	0.3	0
12	Atomic Crack Defects Developing at Silicon Carbide Surfaces Studied by STM, Synchrotron Radiation-Based $1/4$ -spot XPS and LEEM. Materials Science Forum, 2007, 556-557, 481-486.	0.3	2
13	Negative differential resistance at Ag-Si nanowires on silicon carbide: From a passive to an active massively parallel architecture. Applied Physics Letters, 2007, 91, 223111.	3.3	10
14	ADVANCED MATERIALS RESEARCH WITH 3RD GENERATION SYNCHROTRON LIGHT. , 2007, , 317-328.		0
15	Engineering Cubic Silicon Carbide Surfaces Properties Using Hydrogen: Metallization versus Passivation. Applied Physics A: Materials Science and Processing, 2006, 82, 421-430.	2.3	8
16	Hydrogen Nanochemistry Achieving Clean and Pre-Oxidized Silicon Carbide Surface Metallization. Materials Science Forum, 2006, 527-529, 667-672.	0.3	0
17	From K atom pairs to K atomic chains: A semiconducting $2\times 3$ to metallic $2\times 1$ transition on the $\sqrt{2}\times\sqrt{2}$ -SiC(100) $c(4\times 2)$ surface. Applied Physics Letters, 2006, 88, 022105.	3.3	6
18	Silicon carbide surface oxidation and SiO <sub>2</sub> /SiC interface formation investigated by soft X-ray synchrotron radiation. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 783-788.	1.7	29

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19	Initial nitride formation at Si <sup>111</sup> -SiC(100)3 $\times$ 2 interface by oxynitridation. Applied Physics Letters, 2005, 87, 193110.	3.3	3
20	Atomic cracks and (23 $\times$ 2 $\times$ 3)-R30 $\times$ reconstruction at 6H-SiC(0001) surface. Applied Physics Letters, 2004, 85, 926-928.	3.3	9
21	Experimental and theoretical electronic structure determination of the Si <sup>111</sup> -SiC(001)c(4 $\times$ 2) surface reconstruction. Physical Review B, 2004, 69, .	3.2	14
22	Hydrogen-induced metallization of a preoxidized 3C-SiC(100)3 $\times$ 2 surface. Applied Physics Letters, 2004, 85, 4893-4895.	3.3	16
23	Photoelectron diffraction study of the Si-rich 3C-SiC(001) $\times$ (3 $\times$ 2) structure. Physical Review B, 2004, 70, .	3.2	26
24	H-Induced Si-Rich 3C-Si(100) 3x2 Surface Metallization. Materials Science Forum, 2004, 457-460, 399-402.	0.3	5
25	Atomic Structure of Si-Rich 3C-SiC(001)-(3x2): a Photoelectron Diffraction Study. Materials Science Forum, 2003, 433-436, 579-582.	0.3	1
26	Atomic structure determination of the Si-rich Si <sup>111</sup> -SiC(001)3 $\times$ 2 surface by grazing-incidence x-ray diffraction: a stress-driven reconstruction. Physical Review B, 2003, 68, .	3.2	35
27	High resolution synchrotron radiation-based x-ray photoemission spectroscopy study of the Si-rich Si <sup>111</sup> -SiC(100) 3 $\times$ 2 surface oxidation. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2003, 21, 1876.	1.6	6
28	Si-rich 6H- and 4H-SiC(0001)3 $\times$ 3 surface oxidation and initial SiO <sub>2</sub> /SiC interface formation from 25 to 650 $\times$ C. Physical Review B, 2002, 65, .	3.2	79
29	Cubic silicon carbide surface reconstructions and Si (C) nanostructures at the atomic scale. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 96, 115-131.	3.5	28
30	Molecular-hydrogen interaction with Si <sup>111</sup> -SiC(100)3 $\times$ 2 and c(4 $\times$ 2) surfaces and with Si atomic lines. Physical Review B, 2001, 63, .	3.2	26
31	Si/6H-SiC(0001): An unexpected cubic 4 $\times$ 3 Si phase overlayer. Applied Physics Letters, 2001, 79, 767-769.	3.3	19
32	Atomic Scale Oxidation of a Complex System: O <sub>2</sub> /Si <sup>111</sup> -SiC(0001)-(3 $\times$ 3). Physical Review Letters, 2001, 86, 4342-4345.	7.8	67
33	Self-organized 1D nanostructures on the Si <sup>111</sup> -SiC(100) surface: silicon atomic lines and dimer vacancy chains. Applied Surface Science, 2000, 162-163, 413-418.	6.1	11
34	Scanning tunneling microscopy evidence of background contamination-induced 2 $\times$ 1 ordering of the Si <sup>111</sup> -SiC(100) c(4 $\times$ 2) surface. Applied Surface Science, 2000, 166, 220-223.	6.1	19
35	1D electronic properties in temperature-induced c(4 $\times$ 2) to 2 $\times$ 1 transition on the Si <sup>111</sup> -SiC(100) surface. Applied Surface Science, 2000, 162-163, 559-564.	6.1	16
36	Derycke et al. Reply:.. Physical Review Letters, 2000, 85, 2650-2650.	7.8	0

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37	Imaging $\hat{1}^2$ -SiC(100)c(4 $\text{\AA}$ -2) surface down dimers by empty electronic states scanning tunneling microscopy. Physical Review B, 2000, 62, 12660-12663.	3.2	13
38	Identification of the 6H-SiC(0001) 3 $\text{\AA}$ -3 surface reconstruction core-level shifted components. Surface Science, 2000, 464, L691-L696.	1.9	18
39	Scanning tunneling microscopy investigation of the C-terminated $\hat{1}^2$ -SiC(100) c(2 $\text{\AA}$ -2) surface reconstruction: dimer orientation, defects and antiphase boundaries. Surface Science, 2000, 446, L101-L107.	1.9	44
40	Comment on "Missing-Row Asymmetric-Dimer Reconstruction of SiC(100)-c(4 $\text{\AA}$ -2)". Physical Review Letters, 1999, 82, 3721-3721.	7.8	17
41	SiO <sub>2</sub> /6H-SiC(0001)3 $\text{\AA}$ -3 initial interface formation by Si overlayer oxidation. Applied Physics Letters, 1999, 75, 3360-3362.	3.3	42
42	Oxynitridation of cubic silicon carbide (100) surfaces. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 2629-2633.	2.1	14
43	Core-level photoemission spectroscopy of the $\hat{1}^2$ -SiC(100)c(4 $\text{\AA}$ -2) surface. Physical Review B, 1999, 60, 16553-16557.	3.2	24
44	Atomic control of Si-terminated cubic silicon carbide (100) surfaces: morphology and self-organized atomic lines. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1999, 61-62, 506-515.	3.5	23
45	High temperature dismantling of Si atomic lines on $\hat{1}^2$ -SiC(100). Surface Science, 1999, 440, L825-L830.	1.9	16
46	Reconstruction of the Si-terminated $\hat{1}^2$ -SiC(100) surface. Thin Solid Films, 1998, 318, 136-139.	1.8	12
47	Pairs of Si atomic lines self-assembling on the $\hat{1}^2$ -SiC(100) surface: an 8 $\text{\AA}$ -2 reconstruction. Surface Science, 1998, 401, L395-L400.	1.9	40
48	Composition and Structure of $\hat{1}^2$ -SiC(100)-(2 $\text{\AA}$ - 2) Surfaces Monitored by Photoemission Spectroscopy using Synchrotron Radiation. Surface Review and Letters, 1998, 05, 213-217.	1.1	1
49	Carbon Atomic Chain Formation on the $\hat{1}^2$ -SiC(100) Surface by Controlled sp <sup>3</sup> Transformation. Physical Review Letters, 1998, 81, 5868-5871.	7.8	66
50	Atomic-scale self-propagation of a molecular reaction on a semiconductor surface: O <sub>2</sub> / $\hat{1}^2$ -SiC(100) 3 $\text{\AA}$ -2. Physical Review B, 1998, 57, R15108-R15111.	3.2	15
51	Structure of Prototypical Semiconductor Surfaces and Interfaces Investigated by Photoemission Extended X-Ray Absorption Fine Structure (PEXAfS). Surface Review and Letters, 1998, 05, 1057-1086.	1.1	4
52	Scanning Tunneling Microscopy Study of Single Domain $\hat{1}^2$ -SiC(100) Surfaces: Growth and Morphology. Surface Review and Letters, 1998, 05, 207-211.	1.1	1
53	Direct Observation of a $\hat{1}^2$ -SiC(100)-c(4 $\text{\AA}$ -2) Surface Reconstruction. Physical Review Letters, 1997, 78, 907-910.	7.8	131
54	Highly Stable Si Atomic Line Formation on the $\hat{1}^2$ -SiC(100) Surface. Physical Review Letters, 1997, 79, 2498-2501.	7.8	95

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55	Temperature-Induced Semiconducting $(4\text{\AA}-2)$ to Metallic $(2\text{\AA}-1)$ Reversible Phase Transition on the $\text{SiC}(100)$ Surface. <i>Physical Review Letters</i> , 1997, 79, 3700-3703.	7.8	85
56	Chemistry and electronic properties of metal contacts on an organic molecular semiconductor. <i>Applied Surface Science</i> , 1997, 113-114, 291-298.	6.1	49
57	Advances in Cubic Silicon Carbide Surfaces and Self-Organized One Dimensional Sub-Nanoscale Objects. <i>European Physical Journal Special Topics</i> , 1997, 07, C6-101-C6-113.	0.2	9
58	Chemistry and electronic properties of metal-organic semiconductor interfaces: Al, Ti, In, Sn, Ag, and Au on PTCDA. <i>Physical Review B</i> , 1996, 54, 13748-13758.	3.2	305
59	Sb or Cs covered InAs(110) surfaces: moving EF into conduction band and quantized 2D electron channel. <i>Applied Surface Science</i> , 1996, 104-105, 73-78.	6.1	19
60	Synchrotron radiation study of Cs/carbon-rich $\text{SiC}(100)$ and Cs/silicon-rich $\text{SiC}(100)$ surfaces: metallization and interface formation. <i>Applied Surface Science</i> , 1996, 104-105, 79-87.	6.1	14
61	Atomic Structure of the $\text{SiC}(100)-(3\text{\AA}-2)$ Surface. <i>Physical Review Letters</i> , 1996, 77, 2013-2016.	7.8	101
62	Direct $\text{SiO}_2/\text{SiC}(100)$ interface formation from $25^\circ\text{C}$ to $500^\circ\text{C}$ . <i>Applied Physics Letters</i> , 1996, 68, 2144-2146.	3.3	35
63	Chemistry, diffusion, and electronic properties of a metal/organic semiconductor contact: In/perylene-tetracarboxylic dianhydride. <i>Applied Physics Letters</i> , 1996, 68, 217-219.	3.3	133
64	Identification of surface core-level shift origin for prototypical Cs/Si(100) $2\text{\AA}-1$ system by photoemission EXAFS. <i>Physical Review B</i> , 1995, 52, 12020-12025.	3.2	21
65	Direct and Rb-promoted $\text{SiO}_x/\text{SiC}(100)$ interface formation. <i>Physical Review B</i> , 1995, 51, 14300-14310.	3.2	23
66	Na/carbon-rich $\text{SiC}(100)$ surface: Initial interface formation and metallization. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1995, 13, 1591.	1.6	15
67	The role of alkali-metal layers in the oxidation of Si and Ge surfaces: a comparative study. <i>Surface Science</i> , 1995, 331-333, 375-380.	1.9	9
68	Na/InAs(110) interface formation at RT. <i>Surface Science</i> , 1995, 331-333, 641-645.	1.9	13
69	Schottky-barrier and interface formation of Cs/GaSb(110) and Rb/GaSb(110) at room temperature. <i>Physical Review B</i> , 1994, 49, 5490-5497.	3.2	29
70	Alkali-Metal-Induced Highest Fermi-Level Pinning Position above Semiconductor Conduction Band Minimum. <i>Europhysics Letters</i> , 1994, 26, 359-364.	2.0	55
71	Nitric oxide adsorption on the Si(111) $7\text{\AA}-7$ surface: Effect of potassium overlayers. <i>Surface Science</i> , 1994, 306, 313-326.	1.9	12
72	Sodium-induced $\text{H}^+$ ion resonance on silicon surfaces. <i>Surface Science</i> , 1994, 302, L293-L298.	1.9	1

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73	Importance of defects and dopant nature in alkali metal/III-V semiconductor interface formation and promoted oxidation. Applied Surface Science, 1993, 68, 417-425.	6.1	6
74	Synchrotron radiation study of Rb/p-GaSb(110) interface formation and band bending at low temperature. Applied Surface Science, 1993, 68, 427-432.	6.1	4
75	O <sub>2</sub> /K/Ge(100) 2 Å <sup>-1</sup> and O <sub>2</sub> /Cs/Ge(100) 2 Å <sup>-1</sup> : puzzling behavior of K and Cs in the oxidation of germanium. Applied Surface Science, 1993, 68, 433-438.	6.1	10
76	Photon- and catalysis-assisted silicon oxynitridation at room temperature: a comparative study. Applied Surface Science, 1993, 65-66, 654-660.	6.1	2
77	O 1s investigation of SiO <sub>2</sub> /Si interface formation using an alkali metal promoter. Applied Surface Science, 1993, 65-66, 840-846.	6.1	25
78	Electronic promotion of silicon oxynitridation at room temperature by alkali-metal catalysts. Applied Surface Science, 1993, 65-66, 847-853.	6.1	3
79	Promoted oxidation of aluminum thin films using an alkali metal catalyst. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1993, 11, 2186-2192.	2.1	14
80	S-polarization photoemission extended x-ray absorption fine structure study of clean and adsorbate covered Si(100)2 Å <sup>-1</sup> surface. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1993, 11, 1823-1829.	2.1	0
81	Al <sub>2</sub> O <sub>3+x</sub> /Al interface formation by promoted oxidation using an alkali metal and removal of the catalyst. Applied Physics Letters, 1993, 62, 2437-2439.	3.3	8
82	Photon Stimulated H <sup>+</sup> Ion Desorption Studies of Silicon Surfaces Covered by Alkali Metals. Springer Series in Surface Sciences, 1993, , 267-272.	0.3	0
83	Atomic structure, adsorbate ordering, and mode of growth of the K/Si(100)2 Å <sup>-1</sup> surface. Physical Review B, 1992, 46, 13471-13479.	3.2	70
84	GaP, GaAs, and InP nitridation at room temperature by N <sub>2</sub> adsorption on (110) surfaces modified by alkali metals. Surface Science, 1992, 269-270, 915-919.	1.9	12
85	Logarithmic exposure dependence in alkali-metal promoted oxidation of elemental semiconductors. Surface Science, 1992, 269-270, 934-937.	1.9	7
86	Rb- and K-promoted nitridation of cleaved GaAs and InP surfaces at room temperature. Applied Surface Science, 1992, 56-58, 772-776.	6.1	9
87	Photoinduced oxynitride formation on semiconductors: NO on Si(111)2 Å <sup>-1</sup> . Applied Surface Science, 1992, 56-58, 802-810.	6.1	4
88	Alkali Metal Ordering on Semiconductor Surfaces and Interfaces. Springer Series in Materials Science, 1992, , 197-214.	0.6	6
89	Unmonochromatized synchrotron radiation promoted silicon oxynitridation at room temperature. Journal of Applied Physics, 1991, 70, 2387-2394.	2.5	11
90	Structure of the Na/Si(100)2 Å <sup>-1</sup> and Cs/Si(100)2 Å <sup>-1</sup> interfaces investigated by photoemission extended x-ray-absorption fine structure. Physical Review B, 1991, 44, 5622-5628.	3.2	21

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91	Insulator-semiconductor interface formation by electronic promotion using alkali metal and removal of the catalyst. <i>Applied Surface Science</i> , 1990, 41-42, 395-401.	6.1	9
92	Chemisorption of alkali metals (Na, K, Cs) on Ge(111) surface. <i>Vacuum</i> , 1990, 41, 571-574.	3.5	3
93	Alkali metal promoted oxidation of semiconductors: oxidation kinetics. <i>Vacuum</i> , 1990, 41, 678-680.	3.5	1
94	Catalytic Nitridation of a III-V Semiconductor Using Alkali Metal. <i>Europhysics Letters</i> , 1990, 12, 87-92.	2.0	12
95	Investigation of the Rb/Ge(111) and Na/Ge(111) interfaces by photoemission spectroscopy using synchrotron radiation. <i>Physica Scripta</i> , 1990, 41, 612-616.	2.5	3
96	Photon Stimulated Desorption (PSD) of positive ions from cesiated semiconductor surfaces using synchrotron radiation. <i>Physica Scripta</i> , 1990, 41, 935-938.	2.5	2
97	Room-temperature nitridation of gallium arsenide using alkali metal and molecular nitrogen. <i>Physical Review B</i> , 1990, 42, 3769-3772.	3.2	19
98	Low-coverage alkali-metal-induced surface structural changes in III-V semiconductors: Photoemission extended x-ray-absorption fine-structure study of the Na/InP(110) interface. <i>Physical Review B</i> , 1989, 39, 759-762.	3.2	22
99	Low-coverage metal-induced structural changes in the substrate at metal/InP(110) interfaces determined by photoemission extended x-ray absorption fine structure. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1989, 7, 2024-2029.	2.1	2
100	Alkali-metal-induced interface resonant state on a semiconductor surface. <i>Physical Review B</i> , 1989, 40, 12570-12573.	3.2	16
101	Alkali-metal-promoted oxidation of the Si(100)2 $\times$ 1 surface: Coverage dependence and nonlocality. <i>Physical Review B</i> , 1989, 39, 12775-12782.	3.2	89
102	Electronic properties of alkali metal/silicon interfaces: A new picture. <i>Surface Science Letters</i> , 1989, 221, L759-L768.	0.1	4
103	Electronic properties of alkali metal/silicon interfaces: A new picture. <i>Surface Science</i> , 1989, 221, L759-L768.	1.9	73
104	New aspects in the oxidation kinetics of alkali-metal promoted group IV and III-V semiconductor surfaces. <i>Surface Science</i> , 1989, 224, 13-30.	1.9	46
105	Electronic and Structural Properties and Schottky Barrier Formation of Alkali Metal-Semiconductor Interfaces. <i>NATO ASI Series Series B: Physics</i> , 1989, , 465-488.	0.2	6
106	CH <sub>3</sub> Cl adsorption on a Si(100)2 $\times$ 1 surface modified by alkali metal overlayer studied by soft X-ray photoemission using synchrotron radiation. <i>Surface Science</i> , 1988, 202, L568-L576.	1.9	9
107	Bonding at the K/Si(100) 2 $\times$ 1 interface: A surface extended x-ray-absorption fine-structure study. <i>Physical Review B</i> , 1988, 37, 7115-7117.	3.2	110
108	Photostimulated desorption of negative H <sup>-</sup> ions from a cesiated W(100) surface. <i>Physical Review B</i> , 1988, 38, 8002-8005.	3.2	11



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109	Electronic structure of ceramics and thin film samples of high Tc Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ superconductors: Effects of Ar+sputtering, O <sub>2</sub> exposure, and Rb deposition. Applied Physics Letters, 1988, 53, 1970-1972.	3.3	25
110	Precursor molecular-oxygen state in the initial catalytic oxidation of the InP(110) surface modified by alkali metals. Physical Review B, 1988, 37, 6496-6499.	3.2	41
111	Summary Abstract: Catalytic oxidation of the Si(111)7 $\times$ 7 surface by cesium. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1988, 6, 1567-1568.	2.1	0
112	Soft-x-ray photoemission study of chemisorption and Fermi-level pinning at the Cs/GaAs(110) and K/GaAs(110) interfaces. Physical Review B, 1988, 38, 7568-7575.	3.2	100
113	Thermal growth of SiO <sub>2</sub> -Si interfaces on a Si(111)7 $\times$ 7 surface modified by cesium. Physical Review B, 1988, 37, 1315-1319.	3.2	68
114	Techniques for the Detection of Photodesorbed Negative Ions. Springer Series in Surface Sciences, 1988, , 94-97.	0.3	0
115	Catalytic Oxidation of Semiconductors by Alkali Metals. Physica Scripta, 1987, 35, 757-760.	2.5	16
116	Electronic properties of O <sub>2</sub> on Cs or Na overlayers adsorbed on Si(100)2 $\times$ 1 from room temperature to 650 $\text{\AA}$ C. Physical Review B, 1987, 35, 4176-4179.	3.2	102
117	Electronic promoters and semiconductor oxidation: Alkali metals on Si(111) surfaces. Physical Review B, 1987, 35, 910-913.	3.2	98
118	Desorption of the catalyst agent after catalytic oxidation of semiconductors. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1987, 5, 1425-1427.	2.1	15
119	Si <sub>3</sub> N <sub>4</sub> Si interface formation by catalytic nitridation using nitrogen exposures on alkali metal overlayers and removal of the catalyst: N <sub>2</sub> /Na/Si(100)2 $\times$ 1. Applied Physics Letters, 1987, 51, 346-348.	3.3	11
120	Electronic promotion of silicon nitridation by alkali metals. Physical Review Letters, 1987, 59, 1488-1491.	7.8	60
121	Exceptionally large enhancement of InP (110) oxidation rate by cesium catalyst. Journal of Applied Physics, 1987, 61, 2679-2681.	2.5	36
122	Comment on $\text{\AA}$ Cs on Si(111)2 $\times$ 1: Si surface state and Cs valence state. Surface Science, 1986, 172, L507-L508.	1.9	18
123	Comment on $\text{\AA}$ Cs on Si(111)2 $\times$ 1: Si surface state and Cs valence state. Surface Science Letters, 1986, 172, L507-L508.	0.1	3
124	Sodium-induced modifications in the electronic structure of the W(100) surface. Journal of Physics C: Solid State Physics, 1986, 19, 2883-2891.	1.5	10
125	SiO <sub>2</sub> Si interface formation by catalytic oxidation using alkali metals and removal of the catalyst species. Journal of Applied Physics, 1986, 60, 4339-4341.	2.5	87
126	Unoccupied surface states on W(001) and Mo(001) by inverse photoemission. Physical Review B, 1986, 34, 8989-8992.	3.2	43



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127	Cs and O <sub>2</sub> adsorption, Cs+O <sub>2</sub> co-adsorption on Mo(110): anomalous behaviour of electronic surface states studied by ARUPS using synchrotron radiation. <i>Journal of Physics C: Solid State Physics</i> , 1985, 18, 4785-4794.	1.5	24
128	Adsorbate-induced shifts of electronic surface states: Cs on the (100) faces of tungsten, molybdenum, and tantalum. <i>Physical Review B</i> , 1985, 31, 4911-4923.	3.2	155
129	Influence of a donor adsorbate (Cs) on W(100) and Ta(100) 4f surface core level shifts. <i>Surface Science</i> , 1985, 152-153, 290-296.	1.9	22
130	Comparison of the electronic properties of Cs and O coadsorption between W(100) and Mo(100). <i>Surface Science</i> , 1985, 152-153, 522-531.	1.9	14
131	Electronic properties of the Cs and O co-adsorption on Mo(100) at room temperature. <i>Journal of Physics C: Solid State Physics</i> , 1984, 17, 1761-1773.	1.5	28
132	Cs adsorption and Cs and O coadsorption on Mo(100): LEED and AES studies. <i>Surface Science</i> , 1984, 146, 382-404.	1.9	41
133	Electron Spectroscopy on Adsorption of Cs on Transition Metals. <i>Physica Scripta</i> , 1983, T4, 110-112.	2.5	27
134	The electronic structure of Cs adsorbed on Mo(111). <i>Solid State Communications</i> , 1982, 44, 1375-1378.	1.9	38