

P Soukiassian

List of Publications by Year in descending order

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docs citations

135
times ranked

2262
citing authors

#	ARTICLE	IF	CITATIONS
1	First Direct Observation of a Nearly Ideal Graphene Band Structure. <i>Physical Review Letters</i> , 2009, 103, 226803.	2.9	399
2	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.	1.1	305
3	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.	1.1	155
4	Chemistry, diffusion, and electronic properties of a metal/organic semiconductor contact: In/perylenetetracarboxylic dianhydride. <i>Applied Physics Letters</i> , 1996, 68, 217-219.	1.5	133
5	Direct Observation of $\sqrt{2}\times\sqrt{2}$ -SiC(100)-(4 \times 4) Surface Reconstruction. <i>Physical Review Letters</i> , 1997, 78, 907-910.	2.9	131
6	Bonding at the K/Si(100) 2×2 interface: A surface extended x-ray-absorption fine-structure study. <i>Physical Review B</i> , 1988, 37, 7115-7117.	1.1	110
7	Electronic properties of O ₂ on Cs or Na overlayers adsorbed on Si(100)21 from room temperature to 650 \AA C. <i>Physical Review B</i> , 1987, 35, 4176-4179.	1.1	102
8	Atomic Structure of the $\sqrt{2}\times\sqrt{2}$ -SiC(100)-(3 \times 3) Surface. <i>Physical Review Letters</i> , 1996, 77, 2013-2016.	2.9	101
9	Soft-x-ray photoemission study of chemisorption and Fermi-level pinning at the Cs/GaAs(110) and K/GaAs(110) interfaces. <i>Physical Review B</i> , 1988, 38, 7568-7575.	1.1	100
10	Electronic promoters and semiconductor oxidation: Alkali metals on Si(111) surfaces. <i>Physical Review B</i> , 1987, 35, 910-913.	1.1	98
11	Highly Stable Si Atomic Line Formation on the $\sqrt{2}\times\sqrt{2}$ -SiC(100) Surface. <i>Physical Review Letters</i> , 1997, 79, 2498-2501.	2.9	95
12	Alkali-metal-promoted oxidation of the Si(100) 2×2 surface: Coverage dependence and nonlocality. <i>Physical Review B</i> , 1989, 39, 12775-12782.	1.1	89
13	SiO ₂ /Si interface formation by catalytic oxidation using alkali metals and removal of the catalyst species. <i>Journal of Applied Physics</i> , 1986, 60, 4339-4341.	1.1	87
14	Temperature-Induced Semiconducting $\sqrt{2}\times\sqrt{2}$ to Metallic 2×2 Reversible Phase Transition on the $\sqrt{2}\times\sqrt{2}$ -SiC(100) Surface. <i>Physical Review Letters</i> , 1997, 79, 3700-3703.	2.9	85
15	Si-rich 6×6 - and 4×4 -SiC(0001) 3×3 surface oxidation and initial SiO ₂ /Si interface formation from 25 to 650 \AA C. <i>Physical Review B</i> , 2002, 65, .	1.1	79
16	Electronic properties of alkali metal/silicon interfaces: A new picture. <i>Surface Science</i> , 1989, 221, L759-L768.	0.8	73
17	Atomic structure, adsorbate ordering, and mode of growth of the K/Si(100) 2×2 surface. <i>Physical Review B</i> , 1992, 46, 13471-13479.	1.1	70
18	Thermal growth of SiO ₂ -Si interfaces on a Si(111) 7×7 surface modified by cesium. <i>Physical Review B</i> , 1988, 37, 1315-1319.	1.1	68

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19	Atomic Scale Oxidation of a Complex System: $\text{O}_2/\sqrt{3}\times\sqrt{3}\text{-SiC}(0001)\text{-}(3\sqrt{3}\times 3)$. Physical Review Letters, 2001, 86, 4342-4345.	2.9	67
20	Carbon Atomic Chain Formation on the $\sqrt{3}\times\sqrt{3}\text{-SiC}(100)$ Surface by Controlled sp^3 Transformation. Physical Review Letters, 1998, 81, 5868-5871.	2.9	66
21	Multilayer epitaxial graphene grown on the surface; structure and electronic properties. Journal Physics D: Applied Physics, 2010, 43, 374006.	1.3	66
22	Electronic promotion of silicon nitridation by alkali metals. Physical Review Letters, 1987, 59, 1488-1491.	2.9	60
23	Alkali-Metal-Induced Highest Fermi-Level Pinning Position above Semiconductor Conduction Band Minimum. Europhysics Letters, 1994, 26, 359-364.	0.7	55
24	Chemistry and electronic properties of metal contacts on an organic molecular semiconductor. Applied Surface Science, 1997, 113-114, 291-298.	3.1	49
25	New aspects in the oxidation kinetics of alkali-metal promoted group IV and III-V semiconductor surfaces. Surface Science, 1989, 224, 13-30.	0.8	46
26	Epitaxial graphene: the material for graphene electronics. Physica Status Solidi - Rapid Research Letters, 2009, 3, A91.	1.2	45
27	Scanning tunneling microscopy investigation of the C-terminated $\sqrt{3}\times\sqrt{3}\text{-SiC}(100)$ $c(2\sqrt{3}\times 2)$ surface reconstruction: dimer orientation, defects and antiphase boundaries. Surface Science, 2000, 446, L101-L107.	0.8	44
28	Unoccupied surface states on W(001) and Mo(001) by inverse photoemission. Physical Review B, 1986, 34, 8989-8992.	1.1	43
29	$\text{SiO}_2/6\text{H-SiC}(0001)\sqrt{3}\times\sqrt{3}$ initial interface formation by Si overlayer oxidation. Applied Physics Letters, 1999, 75, 3360-3362.	1.5	42
30	Cs adsorption and Cs and O coadsorption on Mo(100): LEED and AES studies. Surface Science, 1984, 146, 382-404.	0.8	41
31	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.	1.1	41
32	Pairs of Si atomic lines self-assembling on the $\sqrt{3}\times\sqrt{3}\text{-SiC}(100)$ surface: an $8\sqrt{3}\times 2$ reconstruction. Surface Science, 1998, 401, L395-L400.	0.8	40
33	The electronic structure of Cs adsorbed on Mo(111). Solid State Communications, 1982, 44, 1375-1378.	0.9	38
34	Exceptionally large enhancement of InP (110) oxidation rate by cesium catalyst. Journal of Applied Physics, 1987, 61, 2679-2681.	1.1	36
35	Direct $\text{SiO}_2/\sqrt{3}\times\sqrt{3}\text{-SiC}(100)\sqrt{3}\times\sqrt{3}$ interface formation from 25°C to 500°C. Applied Physics Letters, 1996, 68, 2144-2146.	1.5	35
36	Atomic structure determination of the Si-rich $\sqrt{3}\times\sqrt{3}\text{-SiC}(001)\sqrt{3}\times\sqrt{3}$ surface by grazing-incidence x-ray diffraction: a stress-driven reconstruction. Physical Review B, 2003, 68, .	1.1	35

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37	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.	1.1	29
38	Silicon carbide surface oxidation and SiO ₂ /SiC interface formation investigated by soft X-ray synchrotron radiation. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 783-788.	0.8	29
39	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
40	Cubic silicon carbide surface reconstructions and Si (C) nanostructures at the atomic scale. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2002, 96, 115-131.	1.7	28
41	Electron Spectroscopy on Adsorption of Cs on Transition Metals. <i>Physica Scripta</i> , 1983, T4, 110-112.	1.2	27
42	Molecular-hydrogen interaction with \hat{I}^2 -SiC(100)3Å–2 and c(4Å–2) surfaces and with Si atomic lines. <i>Physical Review B</i> , 2001, 63, .	1.1	26
43	Photoelectron diffraction study of the Si-rich 3Câˆ’SiC(001)â€“(3Å–2) structure. <i>Physical Review B</i> , 2004, 70, .	1.1	26
44	Electronic structure of ceramics and thinâ€“film samples of high Tc Bi ₂ Sr ₂ CaCu ₂ O ₈ +Î superconductors: Effects of Ar+sputtering, O ₂ exposure, and Rb deposition. <i>Applied Physics Letters</i> , 1988, 53, 1970-1972.	1.5	25
45	O 1s investigation of SiO ₂ /Si interface formation using an alkali metal promoter. <i>Applied Surface Science</i> , 1993, 65-66, 840-846.	3.1	25
46	Cs and O ₂ adsorption, Cs+O ₂ 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
47	Core-level photoemission spectroscopy of the \hat{I}^2 âˆ’SiC(100)c(4Å–2) surface. <i>Physical Review B</i> , 1999, 60, 16553-16557.	1.1	24
48	Strain-induced InAsSbP islands and quantum dots grown by liquid phase epitaxy on a InAs(1â€“0â€“0) substrate. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 162004.	1.3	24
49	Direct and Rb-promoted SiO _x / \hat{I}^2 -SiC(100) interface formation. <i>Physical Review B</i> , 1995, 51, 14300-14310.	1.1	23
50	Atomic control of Si-terminated cubic silicon carbide (100) surfaces: morphology and self-organized atomic lines. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1999, 61-62, 506-515.	1.7	23
51	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.	0.8	22
52	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.	1.1	22
53	Structure of the Na/Si(100)2Å–1 and Cs/Si(100)2Å–1 interfaces investigated by photoemission extended x-ray-absorption fine structure. <i>Physical Review B</i> , 1991, 44, 5622-5628.	1.1	21
54	Identification of surface core-level shift origin for prototypical Cs/Si(100) 2Å–1 system by photoemission EXAFS. <i>Physical Review B</i> , 1995, 52, 12020-12025.	1.1	21

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55	Room-temperature nitridation of gallium arsenide using alkali metal and molecular nitrogen. <i>Physical Review B</i> , 1990, 42, 3769-3772.	1.1	19
56	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.	3.1	19
57	Scanning tunneling microscopy evidence of background contamination-induced $2\text{\AA}-1$ ordering of the $\hat{1}^2\text{-SiC}(100)\text{-c}(4\text{\AA}-2)$ surface. <i>Applied Surface Science</i> , 2000, 166, 220-223.	3.1	19
58	Si/6H $\hat{1}^2\text{-SiC}(0001)$: An unexpected cubic $4\text{\AA}-3$ Si phase overlayer. <i>Applied Physics Letters</i> , 2001, 79, 767-769.	1.5	19
59	Comment on $\hat{1}^2\text{-SiC}$ on Si(111) $2\text{\AA}-1$: Si surface state and Cs valence state. <i>Surface Science</i> , 1986, 172, L507-L508.	0.8	18
60	Identification of the 6H-SiC(0001) $3\text{\AA}-3$ surface reconstruction core-level shifted components. <i>Surface Science</i> , 2000, 464, L691-L696.	0.8	18
61	Comment on $\hat{1}^2\text{-SiC}$ Missing-Row Asymmetric-Dimer Reconstruction of SiC(100)-c($4\text{\AA}-2$). <i>Physical Review Letters</i> , 1999, 82, 3721-3721.	2.9	17
62	Catalytic Oxidation of Semiconductors by Alkali Metals. <i>Physica Scripta</i> , 1987, 35, 757-760.	1.2	16
63	Alkali-metal-induced interface resonant state on a semiconductor surface. <i>Physical Review B</i> , 1989, 40, 12570-12573.	1.1	16
64	High temperature dismantling of Si atomic lines on $\hat{1}^2\text{-SiC}(100)$. <i>Surface Science</i> , 1999, 440, L825-L830.	0.8	16
65	1D electronic properties in temperature-induced c($4\text{\AA}-2$) to $2\text{\AA}-1$ transition on the $\hat{1}^2\text{-SiC}(100)$ surface. <i>Applied Surface Science</i> , 2000, 162-163, 559-564.	3.1	16
66	Hydrogen-induced metallization of a preoxidized 3C-SiC(100) $3\text{\AA}-2$ surface. <i>Applied Physics Letters</i> , 2004, 85, 4893-4895.	1.5	16
67	Desorption of the catalyst agent after catalytic oxidation of semiconductors. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1987, 5, 1425-1427.	0.9	15
68	Na/carbon-rich $\hat{1}^2\text{-SiC}(100)$ surface: Initial interface formation and metallization. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1995, 13, 1591.	1.6	15
69	Atomic-scale self-propagation of a molecular reaction on a semiconductor surface: $\text{O}_2/\hat{1}^2\text{-SiC}(100)\text{-c}(3\text{\AA}-2)$. <i>Physical Review B</i> , 1998, 57, R15108-R15111.	1.1	15
70	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.	0.8	14
71	Promoted oxidation of aluminum thin films using an alkali metal catalyst. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1993, 11, 2186-2192.	0.9	14
72	Synchrotron radiation study of Cs/carbon-rich $\hat{1}^2\text{-SiC}(100)$ and Cs/silicon-rich $\hat{1}^2\text{-SiC}(100)$ surfaces: metallization and interface formation. <i>Applied Surface Science</i> , 1996, 104-105, 79-87.	3.1	14

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73	Oxynitridation of cubic silicon carbide (100) surfaces. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 2629-2633.	0.9	14
74	Experimental and theoretical electronic structure determination of the $\hat{\Gamma}^2\hat{a}^{\sim}$ -SiC(001)c(4 \hat{A} –2) surface reconstruction. Physical Review B, 2004, 69, .	1.1	14
75	Atomic structure determination of the 3C-SiC(001)c(4 \hat{A} –2) surface reconstruction: Experiment and theory. Physical Review B, 2007, 75, .	1.1	14
76	Na/InAs(110) interface formation at RT. Surface Science, 1995, 331-333, 641-645.	0.8	13
77	Imaging $\hat{\Gamma}^2$ -SiC(100)c(4 \hat{A} –2) surface down dimers by empty electronic states scanning tunneling microscopy. Physical Review B, 2000, 62, 12660-12663.	1.1	13
78	Catalytic Nitridation of a III-V Semiconductor Using Alkali Metal. Europhysics Letters, 1990, 12, 87-92.	0.7	12
79	GaP, GaAs, and InP nitridation at room temperature by N ₂ adsorption on (110) surfaces modified by alkali metals. Surface Science, 1992, 269-270, 915-919.	0.8	12
80	Nitric oxide adsorption on the Si(111)7 \hat{A} – 7 surface: Effect of potassium overlayers. Surface Science, 1994, 306, 313-326.	0.8	12
81	Reconstruction of the Si-terminated $\hat{\Gamma}^2$ -SiC(100) surface. Thin Solid Films, 1998, 318, 136-139.	0.8	12
82	Si ₃ N ₄ –Si interface formation by catalytic nitridation using nitrogen exposures on alkali metal overlayers and removal of the catalyst: N ₂ /Na/Si(100) \hat{a}^{\sim} 2 \hat{A} –1. Applied Physics Letters, 1987, 51, 346-348.	1.5	11
83	Photostimulated desorption of negative H ⁻ ions from a cesiated W(100) surface. Physical Review B, 1988, 38, 8002-8005.	1.1	11
84	Unmonochromatized synchrotron radiation promoted silicon oxynitridation at room temperature. Journal of Applied Physics, 1991, 70, 2387-2394.	1.1	11
85	Self-organized 1D nanostructures on the $\hat{\Gamma}^2$ -SiC(100) surface: silicon atomic lines and dimer vacancy chains. Applied Surface Science, 2000, 162-163, 413-418.	3.1	11
86	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
87	O ₂ /K/Ge(100) 2 \hat{A} – 1 and O ₂ /Cs/Ge(100) 2 \hat{A} – 1: puzzling behavior of K and Cs in the oxidation of germanium. Applied Surface Science, 1993, 68, 433-438.	3.1	10
88	Interaction of atomic hydrogen with the $\hat{\Gamma}^2$ -SiC(100) 3 \hat{A} –2 surface and subsurface. Journal of Chemical Physics, 2007, 127, 164716.	1.2	10
89	Negative differential resistance at Ag \hat{a}^{\sim} -Si nanowires on silicon carbide: From a passive to an active massively parallel architecture. Applied Physics Letters, 2007, 91, 223111.	1.5	10
90	CH ₃ Cl adsorption on a Si(100)2 \hat{A} – 1 surface modified by alkali metal overlayer studied by soft X-ray photoemission using synchrotron radiation. Surface Science, 1988, 202, L568-L576.	0.8	9

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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.	3.1	9
92	Rb- and K-promoted nitridation of cleaved GaAs and InP surfaces at room temperature. <i>Applied Surface Science</i> , 1992, 56-58, 772-776.	3.1	9
93	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.	0.8	9
94	Atomic cracks and $(2\sqrt{3}\times 2\sqrt{3})\text{-R}30^\circ$ reconstruction at 6H-SiC(0001) surface. <i>Applied Physics Letters</i> , 2004, 85, 926-928.	1.5	9
95	Competing nucleation mechanisms and growth of InAsSbP quantum dots and nano-pits on the InAs(100) surface. <i>Surface Science</i> , 2010, 604, 1127-1134.	0.8	9
96	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
97	Al ₂ O ₃ +x/Al interface formation by promoted oxidation using an alkali metal and removal of the catalyst. <i>Applied Physics Letters</i> , 1993, 62, 2437-2439.	1.5	8
98	Engineering Cubic Silicon Carbide Surfaces Properties Using Hydrogen: Metallization versus Passivation. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 82, 421-430.	1.1	8
99	Logarithmic exposure dependence in alkali-metal promoted oxidation of elemental semiconductors. <i>Surface Science</i> , 1992, 269-270, 934-937.	0.8	7
100	Nano-structures developing at the graphene/silicon carbide interface. <i>Surface Science</i> , 2011, 605, L6-L11.	0.8	7
101	Importance of defects and dopant nature in alkali metal/III-V semiconductor interface formation and promoted oxidation. <i>Applied Surface Science</i> , 1993, 68, 417-425.	3.1	6
102	High resolution synchrotron radiation-based x-ray photoemission spectroscopy study of the Si-rich $\hat{1}^2\text{-SiC}(100) 3\sqrt{2}\times 2$ surface oxidation. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2003, 21, 1876.	1.6	6
103	From K atom pairs to K atomic chains: A semiconducting $2\sqrt{3}\times 3$ to metallic $2\sqrt{3}\times 1$ transition on the $\hat{1}^2\text{-SiC}(100) c(4\sqrt{2}\times 2)$ surface. <i>Applied Physics Letters</i> , 2006, 88, 022105.	1.5	6
104	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
105	Alkali Metal Ordering on Semiconductor Surfaces and Interfaces. <i>Springer Series in Materials Science</i> , 1992, , 197-214.	0.4	6
106	H-Induced Si-Rich 3C-Si(100) 3×2 Surface Metallization. <i>Materials Science Forum</i> , 2004, 457-460, 399-402.	0.3	5
107	Electronic properties of alkali metal/silicon interfaces: A new picture. <i>Surface Science Letters</i> , 1989, 221, L759-L768.	0.1	4
108	Photoinduced oxynitride formation on semiconductors: NO on Si(111) $2\sqrt{3}\times 1$. <i>Applied Surface Science</i> , 1992, 56-58, 802-810.	3.1	4

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109	Synchrotron radiation study of Rb/p-GaSb(110) interface formation and band bending at low temperature. <i>Applied Surface Science</i> , 1993, 68, 427-432.	3.1	4
110	Structure of Prototypical Semiconductor Surfaces and Interfaces Investigated by Photoemission Extended X-Ray Absorption Fine Structure (PEXAFS). <i>Surface Review and Letters</i> , 1998, 05, 1057-1086.	0.5	4
111	Comment on "Cs on Si(111)2 \times 1: Si surface state and Cs valence state". <i>Surface Science Letters</i> , 1986, 172, L507-L508.	0.1	3
112	Chemisorption of alkali metals (Na, K, Cs) on Ge(111) surface. <i>Vacuum</i> , 1990, 41, 571-574.	1.6	3
113	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.	1.2	3
114	Electronic promotion of silicon oxynitridation at room temperature by alkali-metal catalysts. <i>Applied Surface Science</i> , 1993, 65-66, 847-853.	3.1	3
115	Initial nitride formation at Si ³ C(100)3 \times 2 interface by oxynitridation. <i>Applied Physics Letters</i> , 2005, 87, 193110.	1.5	3
116	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.	0.9	2
117	Photon Stimulated Desorption (PSD) of positive ions from cesiated semiconductor surfaces using synchrotron radiation. <i>Physica Scripta</i> , 1990, 41, 935-938.	1.2	2
118	Photon- and catalysis-assisted silicon oxynitridation at room temperature: a comparative study. <i>Applied Surface Science</i> , 1993, 65-66, 654-660.	3.1	2
119	Selective silver atom interaction at Si ² C(100)2 \times 1 surface. From anisotropic diffusion to metal atomic wires and stripes. <i>Physical Review B</i> , 2007, 76, .	1.1	2
120	Atomic Crack Defects Developing at Silicon Carbide Surfaces Studied by STM, Synchrotron Radiation-Based $\frac{1}{4}$ -spot XPS and LEEM. <i>Materials Science Forum</i> , 2007, 556-557, 481-486.	0.3	2
121	Alkali metal promoted oxidation of semiconductors: oxidation kinetics. <i>Vacuum</i> , 1990, 41, 678-680.	1.6	1
122	Sodium-induced H ⁺ ion resonance on silicon surfaces. <i>Surface Science</i> , 1994, 302, L293-L298.	0.8	1
123	Composition and Structure of Si ² -SiC(100)-(2 \times 2) Surfaces Monitored by Photoemission Spectroscopy using Synchrotron Radiation. <i>Surface Review and Letters</i> , 1998, 05, 213-217.	0.5	1
124	Scanning Tunneling Microscopy Study of Single Domain Si ² -SiC(100) Surfaces: Growth and Morphology. <i>Surface Review and Letters</i> , 1998, 05, 207-211.	0.5	1
125	Atomic Structure of Si-Rich 3C-SiC(001)-(3 \times 2): a Photoelectron Diffraction Study. <i>Materials Science Forum</i> , 2003, 433-436, 579-582.	0.3	1
126	Comment on "Adsorption of hydrogen and hydrocarbon molecules on SiC(001)" by Pollmann et al. (<i>Surf. Sci. Rep.</i> 69 (2014) 55-104). <i>Surface Science</i> , 2016, 644, L170-L171.	0.8	1

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127	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.	0.9	0
128	S \times polarization photoemission extended x \times ray absorption fine structure study of clean and adsorbate covered Si(100)2 \times 1 surface. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1993, 11, 1823-1829.	0.9	0
129	Derycke et al. Reply:. Physical Review Letters, 2000, 85, 2650-2650.	2.9	0
130	Hydrogen Nanochemistry Achieving Clean and Pre-Oxidized Silicon Carbide Surface Metallization. Materials Science Forum, 2006, 527-529, 667-672.	0.3	0
131	Structure of the 3C-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
132	Techniques for the Detection of Photodesorbed Negative Ions. Springer Series in Surface Sciences, 1988, , 94-97.	0.3	0
133	Photon Stimulated H $^+$ Ion Desorption Studies of Silicon Surfaces Covered by Alkali Metals. Springer Series in Surface Sciences, 1993, , 267-272.	0.3	0
134	ADVANCED MATERIALS RESEARCH WITH 3RD GENERATION SYNCHROTRON LIGHT. , 2007, , 317-328.		0