

Alexander A Saranin

List of Publications by Year in descending order

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214
papers

3,049
citations

236612

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all docs

223
docs citations

223
times ranked

2365
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembly of C60 layers at Ti/NiSi ₂ atomic sandwich on Si(111). Surface Science, 2022, 715, 121934.	0.8	1
2	Pb/NiSi ₂ atomic sandwich on Si(111). Surface Science, 2022, 716, 121966.	0.8	4
3	Soft-Magnetic Skyrmions Induced by Surface-State Coupling in an Intrinsic Ferromagnetic Topological Insulator Sandwich Structure. Nano Letters, 2022, 22, 881-887.	4.5	7
4	2D system incorporating perforated Mg sheet sandwiched between Pb layer and Si(111). Applied Surface Science, 2022, 589, 152951.	3.1	1
5	Insights Into the Electronic Properties of PbBi Atomic Layers on Ge(111) and Si(111) Surfaces. Frontiers in Materials, 2022, 9, .	1.2	5
6	High quality Mg(0001) films grown on Si(111)	0.8	0
7	High quality Mg(0001) films grown on Si(111) and Se atomic layers grown on top of a single atomic layer on Si(111). Physical Review B, 2022, 106, .	3.1	1
8	Single and double In atomic layers grown on top of a single atomic layer on Si(111). Physical Review B, 2022, 106, .	3.1	4
9	Synthesis and electronic properties of InSe bi-layer on Si(111). Applied Surface Science, 2021, 539, 148144.	3.1	5
10	Structural and electronic properties of C60 fullerene network self-assembled on metal-covered semiconductor surfaces. Journal of Chemical Physics, 2021, 154, 104703.	1.2	4
11	Electronic and transport properties of Pb-dense reconstructions on Si(100). Surface Science, 2021, 708, 121822.	0.8	5
12	Structural and electronic effects of adsorbed Bi on the metallic atomic chains in Au/Si(111)5 \times 5 $\sqrt{3}$. Applied Surface Science, 2021, 558, 149859.	3.1	5
13	One-dimensional spin-polarized electron channel in the two-dimensional PbBi compound on silicon. Physical Review B, 2021, 104, .	1.1	9
14	Solving a Long-Standing Problem Regarding Atomic Structure of Si(100)2 \times 3-Ag. Journal of Physical Chemistry Letters, 2021, 12, 9584-9587.	2.1	1
15	Metal Sheet of Atomic Thickness Embedded in Silicon. ACS Nano, 2021, 15, 19357-19363.	7.3	6
16	Trivial band topology of ultra-thin rhombohedral Sb ₂ Se ₃ grown on Bi ₂ Se ₃ . Journal of Physics Condensed Matter, 2020, 32, 165001.	0.7	4
17	The array of In-Bi heterodimers on the Si(100) surface. Surface Science, 2020, 694, 121557.	0.8	3
18	Fabrication and characterization of a single monolayer NiSi ₂ sandwiched between a Ti capping layer and a Si(1 \times 1) substrate. 2D Materials, 2020, 7, 025009.	2.0	11

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37	(Tl, Au)/Si(111) 2D compound: an ordered array of identical Au clusters embedded in Tl matrix. Journal of Physics Condensed Matter, 2018, 30, 025002.	0.7	4
38	Thickness Dependence of Surface Structure and Superconductivity in Pb Atomic Layers. Journal of the Physical Society of Japan, 2018, 87, 113601.	0.7	2
39	Two-dimensional metallic (Tl,Au)/Si(100)c(2 \times 2) : A Rashba-type system with C _{2v} symmetry. Physical Review B, 2018, 98, .	1.1	5
40	Unconventional superconductivity in the single-atom-layer alloy Si(111) $\sqrt{3}\times\sqrt{3}$ -(Tl,Pb). Physical Review B, 2018, 98, .	1.1	13
41	Electronic properties of the two-dimensional (Tl, Rb)/Si(111) $\sqrt{3}\times\sqrt{3}$ compound having a honeycomb-like structure. Journal of Physics Condensed Matter, 2018, 30, 415502.	0.7	3
42	C ₆₀ layer growth on intact and Tl-modified Si(111) $\sqrt{3}\times\sqrt{3}$ -Au surfaces. Applied Surface Science, 2018, 456, 801-807.	3.1	5
43	Studying the Surface Conductivity of a Thallium Bilayer on Si(111) Substrate after Adsorption of Lithium and Rubidium. Technical Physics Letters, 2018, 44, 412-415.	0.2	1
44	From C ₆₀ to C ₇₀ : Self-assembly of 2D fullerene nanostructures on metal-covered silicon and germanium. Journal of Chemical Physics, 2018, 149, 034702.	1.2	7
45	Thickness-dependent transition of the valence band shape from parabolic to Mexican-hat-like in the MBE grown InSe ultrathin films. Applied Physics Letters, 2018, 112, .	1.5	32
46	Bismuth-aluminum two-dimensional 2 \times 2 compound and its ordered 9 \times 9 domains on Si(111) surface. Surface Science, 2018, 677, 291-295.	0.8	0
47	Two-Dimensional In ₂ Sb Compound on Silicon as a Quantum Spin Hall Insulator. Nano Letters, 2018, 18, 4338-4345.	4.5	23
48	10.1063/1.5038790.1. , 2018, , .		0
49	Growth of layered superconductor \hat{I}^2 -PdBi ₂ films using molecular beam epitaxy. Applied Surface Science, 2017, 401, 142-145.	3.1	10
50	Superconductivity in thallium double atomic layer and transition into an insulating phase intermediated by a quantum metal state. 2D Materials, 2017, 4, 025020.	2.0	30
51	Scaling of size distributions of C ₆₀ and C ₇₀ fullerene surface islands. Applied Surface Science, 2017, 407, 117-120.	3.1	2
52	Adsorbate-induced modification of electronic band structure of epitaxial Bi(111) films. Applied Surface Science, 2017, 406, 122-127.	3.1	7
53	2D Tl ₂ Pb compounds on Ge(111) surface: atomic arrangement and electronic band structure. Journal of Physics Condensed Matter, 2017, 29, 035001.	0.7	3
54	One-atom-layer compounds on silicon and germanium. Japanese Journal of Applied Physics, 2017, 56, 08LA01.	0.8	14

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55	The (2×2) reconstructions on the surface of cobalt silicides: Atomic configuration at the annealed Co/Si(111) interface. Surface Science, 2017, 662, 6-11.	0.8	6
56	Bismuth-Indium-Sodium two-dimensional compounds on Si(111) surface. Surface Science, 2017, 666, 64-69.	0.8	4
57	Theory versus experiment for a family of single-layer compounds with a similar atomic arrangement: <mml:math		

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73	Two-Dimensional Superconductor with a Giant Rashba Effect: One-Atom-Layer Tl-Pb Compound on Si(111). <i>Physical Review Letters</i> , 2015, 115, 147003.	2.9	108
74	Direct observation of a gap opening in topological interface states of MnSe/Bi ₂ Se ₃ heterostructure. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	28
75	Incommensurate superstructure in heavily doped fullerene layer on Bi/Si(111) surface. <i>Journal of Chemical Physics</i> , 2015, 143, 074707.	1.2	1
76	Electronic band structure of a Tl/Sn atomic sandwich on Si(111). <i>Physical Review B</i> , 2015, 91, .	1.1	25
77	Magic C ₆₀ islands forming due to moiré interference between islands and substrate. <i>Surface Science</i> , 2015, 635, 94-98.	0.8	5
78	Electrical conductivity of reconstructed Si(111) surface with sodium-doped C ₆₀ layers. <i>Applied Physics Letters</i> , 2015, 106, 011603.	1.5	1
79	Analysis of optical and magneto-optical spectra of Fe ₅ Si ₃ and Fe ₃ Si magnetic silicides using spectral magnetoellipsometry. <i>Journal of Experimental and Theoretical Physics</i> , 2015, 120, 886-893.	0.2	12
80	Electroluminescent 1.5- μ m light-emitting diodes based on p ⁺ -Si/NC ^{1/2} -FeSi ₂ /n-Si structures. <i>Semiconductors</i> , 2015, 49, 508-512.	0.2	1
81	Dynamics of the artificially created vacancies in the monomolecular C ₆₀ layers. <i>Surface Science</i> , 2015, 637-638, 5-10.	0.8	1
82	Self-assembled C ₆₀ layers on incommensurate Cu/Si(111)-pseudo-5 \times 5 $\sqrt{3}$ surface. <i>Surface Science</i> , 2015, 642, 6-10.	0.8	2
83	Atomic arrangement and electron band structure of Si(111)- $\sqrt{3}\times\sqrt{3}$ -Bi reconstruction modified by alkali-metal adsorption: an initial study. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 305003.	0.7	6
84	Tailoring of spin-split metallic surface-state bands on silicon. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 201, 81-87.	0.8	8
85	Atomic structure and electronic properties of the In/Si(111) $\sqrt{3}\times\sqrt{3}$ surface. <i>Structure of the C₆₀/Si(111)</i> , $\langle \text{mml:math altimg="si10.gif" overflow="scroll"} \rangle$	1.1	18
86	Structure of the C ₆₀ /Si(111) surface. <i>Structure of the C₆₀/Si(111)</i> , $\langle \text{mml:math altimg="si10.gif" overflow="scroll"} \rangle$	0.8	4
87	Size distributions of fullerene surface clusters. <i>Applied Surface Science</i> , 2014, 307, 46-51.	3.1	13
88	Effect of Na adsorption on the structural and electronic properties of Si(111)- $\sqrt{3}\times\sqrt{3}$ -Au surface. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 055009.	0.7	9
89	Structure of the C ₆₀ /Si(111) surface. <i>Structure of the C₆₀/Si(111)</i> , $\langle \text{mml:math altimg="si10.gif" overflow="scroll"} \rangle$	3.1	10
90	Two-dimensional bismuth-silver structures on Si(111). <i>Surface Science</i> , 2014, 623, 17-24.	0.8	15

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91	A Strategy to Create Spin-Split Metallic Bands on Silicon Using a Dense Alloy Layer. Scientific Reports, 2014, 4, 4742.	1.6	65
92	Stepwise self-assembly of C60 mediated by atomic scale moiré magnifiers. Nature Communications, 2013, 4, 1679.	5.8	31
93	Dim C60 fullerenes on Si(111) $\sqrt{3} \times \sqrt{3}$ Ag surface. Surface Science, 2013, 612, 31-36.	1.6	51
94	Peculiar diffusion of C60 on In-adsorbed Si(111) $\sqrt{3} \times \sqrt{3}$ -Au surface. Surface Science, 2013, 616, 44-50.	0.8	12
95	Large spin splitting of metallic surface-state bands at adsorbate-modified gold/silicon surfaces. Scientific Reports, 2013, 3, 1826.	1.6	51
96	Structural transformations in Pb/Si(111) phases induced by C ₆₀ adsorption. Journal of Physics Condensed Matter, 2013, 25, 395006.	0.7	7
97	Modification of the sample holder for a variable temperature scanning tunneling microscope (Omicron). Instruments and Experimental Techniques, 2013, 56, 745-748.	0.1	0
98	The manipulation of C ₆₀ in molecular arrays with an STM tip in regimes below the decomposition threshold. Nanotechnology, 2013, 24, 055302.	1.3	11
99	ELECTRICAL CONDUCTIVITY STUDY OF Au AND Na COADSORBED Si(111) $\sqrt{3} \times \sqrt{3}$ SURFACE. , 2013, , .		0
100	Ordered Mn-diluted Au/Si(111) reconstructions. Surface Science, 2012, 606, 104-109.	0.8	3
101	Self-assembly of C60 fullerenes on quasi-one-dimensional Si(111) $\sqrt{4} \times \sqrt{1}$ -In surface. Surface Science, 2012, 606, 1821-1824.	0.8	10
102	First-principles study of Si(111)-In reconstruction. Surface Science, 2012, 606, 1914-1917.	0.8	7
103	Characterization of Si(111)-(Au,In) surface by optical second-harmonic generation. Applied Surface Science, 2012, 258, 4642-4644.	3.1	1
104	Surface conduction at phase transitions in (Au,Ag)/Si(111) submonolayer films. Applied Surface Science, 2012, 258, 9636-9641.	3.1	3
105	Experimental and computational insight into the properties of the lattice-mismatched structures: Monolayers of h-BN and graphene on Ir(111). Physical Review B, 2012, 86, .	1.1	46
106	Room temperature 1.5 μm light-emitting silicon diode with embedded FeSi_2 nanocrystallites. Applied Physics Letters, 2012, 101, .	1.5	10
107	Features of the structure and properties of FeSi_2 nanofilms and a FeSi_2 /Si interface. JETP Letters, 2012, 95, 20-24.	0.4	3
108	Enhancement of the electron-stimulated desorption from amorphous aluminum oxide films on silicon during an increase in the substrate temperature. Technical Physics, 2012, 57, 693-696.	0.2	0

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109	Effect of C ₆₀ adsorption on Si(111) surface. Surface Science, 2011, 605, 1951-1955.	1.1	23
110	C ₆₀ adsorption onto the one-atomic-layer In films on Si(111) surface. Surface Science, 2011, 605, 1951-1955.	0.8	12
111	Interplay between adsorbed C ₆₀ fullerenes and point defects on a Si(111) reconstructed surface. Surface Science, 2011, 605, 2050-2054.	0.8	6
112	Effect of C ₆₀ layer on the growth mode and conductance of Au and Ag films on Si(111)3-Au and Si(111)3-Ag surfaces. Journal of Applied Physics, 2011, 110, 093704.	1.1	10
113	Variable termination of MnSi ₂ /Si(111) films and its effect on surface properties. Surface Science, 2011, 605, 289-295.	0.8	13
114	Structural transformations in (Au,In)/Si(111) system and their effect on surface conductivity. Surface Science, 2011, 605, 1420-1425.	0.8	11
115	Broken Even-Odd Symmetry in Self-Selection of Distances between Nanoclusters due to the Presence or Absence of Topological Solitons. Physical Review Letters, 2011, 106, 166101.	2.9	3
116	Effect of Si(100)-c(4 × 12)-Al and Si(111)-(5.55 × 5.55)-Cu reconstructions on the deposition of cobalt onto silicon surface. Technical Physics Letters, 2010, 36, 100-103.	0.2	3
117	Peculiarities of Al magic cluster self-assembly on Si(1 0 0) surface. Surface Science, 2010, 604, 674-678.	0.8	0
118	Diffusion and clustering of adatoms on discommensurate surface template: Ge atoms on Si(1 1 1)5 × 5 Cu reconstruction. Surface Science, 2010, 604, 666-673.	0.8	5
119	Cooperative phenomena in self-assembled nucleation of 3 × 4-In/Si(100) surface magic clusters. Surface Science, 2010, 604, 1116-1120.	0.8	2
120	Atomic and electronic structures of Ag/Si(100)-c(6 × 2) surface: A first-principles study. Surface Science, 2010, 604, 1400-1405.	0.8	5
121	Effect of Surface Potential Relief on Forming Molecular Arrays: Tryptanthrin Adsorbed on Various Si(111) Reconstructions. Journal of Physical Chemistry C, 2010, 114, 14489-14495.	1.5	10
122	Growth of Au thin film on Cu-modified Si(111) surface. Surface Science, 2009, 603, 3400-3403.	0.8	5
123	Structural properties of Cu clusters on Si(111):Cu ₂ Si magic family. Surface Science, 2009, 603, 2874-2878.	0.8	14
124	Multi-mode growth in Cu/Si(111) system: Magic nanoclustering, layer-by-layer epitaxy and nanowire formation. Surface Science, 2008, 602, 391-398.	0.8	30
125	Intercluster conduction in lightly doped La _{1-x} Ca _x MnO ₃ manganites in the paramagnetic temperature range. Physics of the Solid State, 2008, 50, 1908-1917.	0.2	8
126	Self-assembly of conductive Cu nanowires on Si(111)5 × 5 Cu surface. Nanotechnology, 2008, 19, 245608.	1.3	7

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145	In situREM and ex situSPM studies of silicon (111) surface. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2005, 202, 2344-2354.	0.8	3
146	Growth of thallium overlayers on a Si(100) surface. <i>Physical Review B</i> , 2005, 71, .	1.1	23
147	Long-period modulations in the linear chains of Tl atoms on Si(100). <i>Physical Review B</i> , 2005, 71, .	1.1	13
148	Atomic structure of the Al/Si(111) phases studied using STM and total-energy calculations. <i>E-Journal of Surface Science and Nanotechnology</i> , 2005, 3, 55-62.	0.1	4
149	Submonolayer Er Phases on Si(111). <i>Japanese Journal of Applied Physics</i> , 2004, 43, 1110-1113.	0.8	7
150	Quantitative characterization of the Al nanoclustering induced by H interaction with Si(100)c(4Å–12)-Al surface phase. <i>Surface Science</i> , 2004, 565, 121-128.	0.8	6
151	Tl overlayers on Si(100) and their self-assembly induced by STM tip. <i>Applied Surface Science</i> , 2004, 237, 110-114.	3.1	8
152	Ordered Arrays of Be-Encapsulated Si Nanotubes on Si(111) Surface. <i>Nano Letters</i> , 2004, 4, 1469-1473.	4.5	29
153	Thallium overlayers on Si(111) studied by scanning tunneling microscopy. <i>Surface Science</i> , 2003, 543, L663-L667.	0.8	32
154	Atomic structure of the Si(111)-Al phase studied using STM and total-energy calculations. <i>Surface Science</i> , 2003, 545, L779-L783.	0.8	6
155	<i>Surface Science. Advanced Texts in Physics</i> , 2003, , .	0.5	325
156	Doping of Magic Nanoclusters in the SubmonolayerIn/Si(100)System. <i>Physical Review Letters</i> , 2003, 91, 026104.	2.9	21
157	Effect of Substrate Surface Phase on the Shape of Self-Organized Al Nanoclusters on Si(100) Formed upon Atomic Hydrogen Exposure. <i>Japanese Journal of Applied Physics</i> , 2003, 42, L432-L434.	0.8	4
158	Magic nanoclusters of group III metals on Si(100) surface. <i>E-Journal of Surface Science and Nanotechnology</i> , 2003, 1, 33-40.	0.1	13
159	Formation of the ordered array of Al magic clusters on Si(111)7Å–7. <i>Physical Review B</i> , 2002, 66, .	1.1	122
160	High-temperature interaction of Al with Si(100) surface at low Al coverages. <i>Surface Science</i> , 2002, 506, 80-86.	0.8	9
161	Structure of domain walls in Al/Si(100) $\sqrt{3}\times\sqrt{3}$ -phase. <i>Surface Science</i> , 2002, 517, 151-156.	0.8	14
162	Surface Phases of Metals on Silicon as Material for Surface Engineering. <i>Materials Research Society Symposia Proceedings</i> , 2001, 697, 5281.	0.1	0

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163	Scanning Tunneling Microscopy Study of the $c(4\sqrt{3}\times 4)$ Structure Formation in the Sub-Monolayer Sb/Si(100) System. Japanese Journal of Applied Physics, 2001, 40, 6069-6072.	0.8	3
164	Surface roughening at the one-monolayer Sb/Si(100) interface. Physical Review B, 2001, 65, .	1.1	9
165	Formation of a $\sqrt{3}\times\sqrt{3}$ surface phase using H-induced self-organization and H extraction. Physical Review B, 2001, 64, .	1.1	7
166	Quantitative STM investigation of the phase formation in submonolayer In/Si(111) system. Applied Surface Science, 2000, 159-160, 237-242.	3.1	15
167	Mg/Si(100) Reconstructions Studied by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 2000, 39, 3740-3743.	0.8	11
168	Composition and Surface Structure of Quantum Chains on a In/Si(111) Surface. Japanese Journal of Applied Physics, 2000, 39, L306-L308.	0.8	5
169	Restructuring process of the Si(111) surface upon Ca deposition. Surface Science, 2000, 448, 87-92.	0.8	45
170	Atomic-hydrogen-induced self-organization of $\sqrt{3}\times\sqrt{3}$ -In surface phase studied by CAICISS and STM. Surface Science, 2000, 447, 117-125.	0.8	4
171	a surface phase with a variable composition. Surface Science, 2000, 447, 15-24.	0.8	9
172	Composition and atomic structure of the surface. Surface Science, 2000, 450, 34-43.	0.8	16
173	Adsorption of atomic hydrogen on the Si(001) $\sqrt{3}\times\sqrt{3}$ -In surface studied by coaxial impact collision ion scattering spectroscopy and scanning tunneling microscopy. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1999, 17, 983.	1.6	7
174	Analysis of surface structures through determination of their composition using STM: Si(100) $\sqrt{3}\times\sqrt{3}$ -In and Si(111) $\sqrt{3}\times\sqrt{3}$ -In reconstructions. Physical Review B, 1999, 60, 14372-14381.	1.1	50
175	Hydrogen interaction with clean and modified silicon surfaces. Surface Science Reports, 1999, 35, 1-69.	3.8	209
176	Family of the metal-induced Si(111) $\sqrt{3}\times\sqrt{3}$ -1 reconstructions with a top Si atom density of 4/3 monolayer. Surface Science, 1999, 426, 298-307.	0.8	62
177	Ag-induced structural transformations on Si(111): quantitative investigation of the Si mass transport. Surface Science, 1999, 429, 127-132.	0.8	27
178	STM observation of the atomic hydrogen interaction with the Si(111) $\sqrt{3}\times\sqrt{3}$ -1 surface. Applied Physics A: Materials Science and Processing, 1998, 66, S985-S988.	1.1	3
179	New structural model for the Si(111) $\sqrt{3}\times\sqrt{3}$ -1 In reconstruction. Applied Surface Science, 1998, 130-132, 96-100.	3.1	5
180	Atomic-hydrogen-induced self-organization processes of the In/Si(111) surface phases studied by scanning tunneling microscopy. Applied Surface Science, 1998, 130-132, 765-770.	3.1	2

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181	Mg-induced Si(111)-(3 \times 2) reconstruction studied by scanning tunneling microscopy. Surface Science, 1998, 415, L971-L975.	0.8	52
182	The role of Si atoms in In/Si(111) surface phase formation. Surface Science, 1998, 398, 60-69.	0.8	18
183	Atomic Hydrogen Interaction with the Si(100)4 \times 3-In Surface Studied by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 1998, 37, 3774-3777.	0.8	7
184	Reexamination of the Si(111)3 \times 1 reconstruction on the basis of Si atom density and unit cluster determination. Physical Review B, 1998, 58, 3545-3548.	1.1	38
185	Structural model for the Si(100)4 \times 3-In surface phase. Physical Review B, 1998, 57, 12492-12496.	1.1	29
186	Scanning tunneling microscopy of the 7 \times 7 to 3 \times 1 transformation induced on the Si(111) surface by Na adsorption. Physical Review B, 1998, 58, 7059-7063.	1.1	18
187	Si(100)2 \times 3-In surface phase: Formation and atomic arrangement. Physical Review B, 1998, 58, 4972-4976.	1.1	25
188	Self-organization at Semiconductor Surfaces. Atomic-Hydrogen-Induced Self-Organization Processes of Metal/Si Surface Phases.. Hyomen Kagaku, 1998, 19, 579-587.	0.0	1
189	Si(111)2 \times 2-In Si(111) $\sqrt{3} \times \sqrt{3}$ -In Scanning Tunneling Microscope Tip-Induced Structural Transformation. Japanese Journal of Applied Physics, 1997, 36, 3814-3817.	0.8	6
190	STM tip-induced diffusion of In atoms on the Si(111)3 \times 3-In surface. Physical Review B, 1997, 56, 7449-7454.	1.1	23
191	Structural model for the Si(111)-4 \times 1-In reconstruction. Physical Review B, 1997, 56, 1017-1020.	1.1	46
192	Indium-induced Si(111)4 \times 1 silicon substrate atom reconstruction. Physical Review B, 1997, 55, 5353-5359.	1.1	25
193	Structural transformations at room temperature adsorption of In on Si(111) $\sqrt{3} \times \sqrt{3}$ -In surface: LEED-AES-STM study. Surface Science, 1997, 388, 299-307.	0.8	31
194	Si(100)4 \times 3-In surface phase: identification of silicon substrate atom reconstruction. Surface Science, 1997, 391, L1188-L1193.	0.8	27
195	4 \times 1-Si substrate atoms reconstruction in the Si(111)4 \times 1-In structure. Applied Surface Science, 1997, 113-114, 440-444.	3.1	6
196	Structural transformations of the Si(111)2 \times 2-In surface induced by STM tip and thermal annealing. Applied Surface Science, 1997, 121-122, 183-186.	3.1	15
197	STM observation of the atomic hydrogen adsorption on the Si(111)4 \times 1-In surface. Applied Surface Science, 1997, 113-114, 354-359.	3.1	7
198	Comparative study of the atomic hydrogen interaction with and Si(111) $\sqrt{3} \times \sqrt{3}$ -Al surfaces. Surface Science, 1996, 366, 501-507.	0.8	4

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199	Structural defects of the Si(111) $\sqrt{3}\sqrt{3}$ -R surface studied by scanning tunneling microscopy. Surface Science, 1996, 345, 313-319.	0.8	19
200	Thermal nitridation of the Si(110) by NH ₃ : LEED and AES study. Surface Science, 1995, 331-333, 458-463.	0.8	12
201	Al and Au binary surface phases on the Si(111) surface. Surface Science, 1995, 331-333, 594-599.	0.8	3
202	Growth of extra-thin ordered aluminum films on Si(111) surface. Applied Surface Science, 1994, 82-83, 576-582.	3.1	29
203	LEED-AES reexamination of the Al/Si(111) $\sqrt{3}\sqrt{3}$ -phase. Surface Science, 1994, 316, L1034-L1038.	0.8	14
204	Interaction of the atomic hydrogen with $\sqrt{3}\sqrt{3}$ -Al surface: LEED and AES results. Surface Science, 1994, 302, 57-63.	0.8	23
205	Electron-stimulated nitridation of Si(100) in pure ammonia. Surface Science, 1994, 310, 209-216.	0.8	3
206	Agglomeration of submonolayer Ag films on Si(111) induced by the interaction with atomic hydrogen. Surface Science, 1993, 297, 353-358.	0.8	19
207	Chemical and structural transformations in the Al/Si(111) $\sqrt{3}\sqrt{3}$ -N system. Surface Science, 1993, 295, 319-324.	0.8	7
208	Formation of the Si(111) $\sqrt{3}\sqrt{3}$ -N structure by reaction of NH ₃ with a Si(111) surface. Surface Science, 1993, 280, L259-L262.	0.8	17
209	Effect of NH ₃ adsorption on the atomic structure of Si(111) $\sqrt{3}\sqrt{3}$ -Al and Si(111) $\sqrt{3}\sqrt{3}$ -Ag surfaces. Surface Science, 1993, 296, L21-L26.	0.8	6
210	Solid phase epitaxial growth of Si on Si _{1-x} Sb _x surface phases for the formation of $\sqrt{3}\sqrt{3}$ -doped layers and $\sqrt{3}\sqrt{3}$ -superlattices. Surface Science, 1990, 230, L147-L150.	0.8	20
211	Thermal annealing behaviour of Si/SiO ₂ structures. Thin Solid Films, 1986, 135, 99-105.	0.8	11
212	Electron irradiation effect on the surface composition of Ar ⁺ ion bombarded Si-nitride and Si-oxinitride. Solid State Communications, 1984, 50, 925-928.	0.9	1
213	Characterization of In/Si(111) System by Optical Second-Harmonic Generation. Solid State Phenomena, 0, 247, 73-75.	0.3	0
214	Metals on semiconductors. , 0, , 259-283.		3