

# Alexander A Saranin

## List of Publications by Year in descending order

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214  
papers

3,049  
citations

236833

25  
h-index

233338

45  
g-index

223  
all docs

223  
docs citations

223  
times ranked

2365  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Science. Advanced Texts in Physics, 2003, , .	0.5	325
2	Hydrogen interaction with clean and modified silicon surfaces. Surface Science Reports, 1999, 35, 1-69.	3.8	209
3	Formation of the ordered array of Al magic clusters on Si(111)7Å–7. Physical Review B, 2002, 66, .	1.1	122
4	Two-Dimensional Superconductor with a Giant Rashba Effect: One-Atom-Layer Tl-Pb Compound on Si(111). Physical Review Letters, 2015, 115, 147003.	2.9	108
5	A Strategy to Create Spin-Split Metallic Bands on Silicon Using a Dense Alloy Layer. Scientific Reports, 2014, 4, 4742.	1.6	65
6	Family of the metal-induced Si(111)3Å–1 reconstructions with a top Si atom density of 4/3 monolayer. Surface Science, 1999, 426, 298-307.	0.8	62
7	Mg-induced Si(111)-(3Å–2) reconstruction studied by scanning tunneling microscopy. Surface Science, 1998, 415, L971-L975.	0.8	52
8	Large spin splitting of metallic surface-state bands at adsorbate-modified gold/silicon surfaces. Scientific Reports, 2013, 3, 1826.	1.6	51
9	Analysis of surface structures through determination of their composition using STM: Si(100)4Å–3-In and Si(111)4Å–1-In reconstructions. Physical Review B, 1999, 60, 14372-14381.	1.1	50
10	Structural model for the Si(111)-4Å–1-In reconstruction. Physical Review B, 1997, 56, 1017-1020.	1.1	46
11	Experimental and computational insight into the properties of the lattice-mismatched structures: Monolayers of $\text{BN}$ and graphene on Ir(111). Physical Review B, 2012, 86, .	1.1	46
12	Restructuring process of the Si(111) surface upon Ca deposition. Surface Science, 2000, 448, 87-92.	0.8	45
13	Si(111) $\sqrt{3}\times\sqrt{3}$ phase modified by In adsorption: Stabilization of a homogeneous surface by stress relief. Physical Review B, 2006, 73, .	1.1	44
14	Reexamination of the Si(111)3Å–1 reconstruction on the basis of Si atom density and unit cluster determination. Physical Review B, 1998, 58, 3545-3548.	1.1	38
15	Thallium overlayers on Si(111) studied by scanning tunneling microscopy. Surface Science, 2003, 543, L663-L667.	0.8	32
16	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
17	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
18	Reversible phase transitions in the pseudomorphic $\sqrt{3}\times\sqrt{3}$ -hex In layer on Si(111). Physical Review B, 2006, 74, .	1.1	31

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19	Stepwise self-assembly of C60 mediated by atomic scale moiré magnifiers. Nature Communications, 2013, 4, 1679.	5.8	31
20	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
21	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
22	Growth of extra-thin ordered aluminum films on Si(111) surface. Applied Surface Science, 1994, 82-83, 576-582.	3.1	29
23	Structural model for the Si(100) $4\sqrt{3}\times\sqrt{3}$ surface phase. Physical Review B, 1998, 57, 12492-12496.	1.1	29
24	Ordered Arrays of Be-Encapsulated Si Nanotubes on Si(111) Surface. Nano Letters, 2004, 4, 1469-1473.	4.5	29
25	Direct observation of a gap opening in topological interface states of MnSe/Bi2Se3 heterostructure. Applied Physics Letters, 2015, 107, .	1.5	28
26	Si(100) $4\sqrt{3}\times\sqrt{3}$ surface phase: identification of silicon substrate atom reconstruction. Surface Science, 1997, 391, L1188-L1193.	0.8	27
27	Ag-induced structural transformations on Si(111): quantitative investigation of the Si mass transport. Surface Science, 1999, 429, 127-132.	0.8	27
28	Indium-induced Si(111) $4\sqrt{3}\times\sqrt{3}$ silicon substrate atom reconstruction. Physical Review B, 1997, 55, 5353-5359.	1.1	25
29	Si(100) $2\sqrt{3}\times\sqrt{3}$ surface phase: Formation and atomic arrangement. Physical Review B, 1998, 58, 4972-4976.	1.1	25
30	Electronic band structure of a Tl/Sn atomic sandwich on Si(111). Physical Review B, 2015, 91, .	1.1	25
31	Random and ordered arrays of surface magic clusters. International Reviews in Physical Chemistry, 2008, 27, 317-360.	0.9	24
32	Interaction of the atomic hydrogen with -Al surface: LEED and AES results. Surface Science, 1994, 302, 57-63.	0.8	23
33	STM tip-induced diffusion of In atoms on the Si(111) $3\sqrt{3}\times\sqrt{3}$ surface. Physical Review B, 1997, 56, 7449-7454.	1.1	23
34	Growth of thallium overlayers on a Si(100) surface. Physical Review B, 2005, 71, .	1.1	23
35	Modulated $C_{60}$ on Si(111) $\sqrt{3}\times\sqrt{3}$ surface. Physical Review B, 2005, 71, .	1.1	23
36	Two-Dimensional InSb Compound on Silicon as a Quantum Spin Hall Insulator. Nano Letters, 2018, 18, 4338-4345.	4.5	23

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37	Doping of Magic Nanoclusters in the Submonolayer In/Si(100) System. Physical Review Letters, 2003, 91, 026104.	2.9	21
38	Synthesis of two-dimensional $Tl_xBi_{1-x}$ compounds and Archimedean encoding of their atomic structure. Scientific Reports, 2016, 6, 19446.	1.6	21
39	Solid phase epitaxial growth of Si on $Sb_{1-x}In_x$ surface phases for the formation of $\delta$ -doped layers and $\delta$ -superlattices. Surface Science, 1990, 230, L147-L150.	0.8	20
40	Agglomeration of submonolayer Ag films on Si(111) induced by the interaction with atomic hydrogen. Surface Science, 1993, 297, 353-358.	0.8	19
41	Structural defects of the $Si(111) \sqrt{3} \times \sqrt{3} R$ surface studied by scanning tunneling microscopy. Surface Science, 1996, 345, 313-319.	0.8	19
42	Bismuth-indium two-dimensional compounds on Si(111) surface. Surface Science, 2016, 651, 105-111.	0.8	19
43	The role of Si atoms in In/Si(111) surface phase formation. Surface Science, 1998, 398, 60-69.	0.8	18
44	Scanning tunneling microscopy of the $7 \times 7$ to $3 \times 3$ transformation induced on the Si(111) surface by Na adsorption. Physical Review B, 1998, 58, 7059-7063.	1.1	18
45	Atomic structure and electronic properties of the $In/Si(111) \sqrt{2} \times \sqrt{2}$ surface. Physical Review B, 2014, 89, .	1.1	18
46	Formation of the $Si(111) \sqrt{8} \times \sqrt{8} N$ structure by reaction of $NH_3$ with a Si(111) surface. Surface Science, 1993, 280, L259-L262.	0.8	17
47	Diverse magic nanoclustering in submonolayer Tl/Si(111) system. Surface Science, 2006, 600, 1936-1941.	0.8	17
48	Thallene: graphene-like honeycomb lattice of Tl atoms frozen on single-layer $NiSi_2$ . 2D Materials, 2020, 7, 045026.	2.0	17
49	Composition and atomic structure of the surface. Surface Science, 2000, 450, 34-43.	0.8	16
50	Structural transformations of the $Si(111) \sqrt{2} \times \sqrt{2} In$ surface induced by STM tip and thermal annealing. Applied Surface Science, 1997, 121-122, 183-186.	3.1	15
51	Quantitative STM investigation of the phase formation in submonolayer In/Si(111) system. Applied Surface Science, 2000, 159-160, 237-242.	3.1	15
52	STM study of the early stages of the Cr/Si(111) interface formation. Surface Science, 2005, 596, 53-60.	0.8	15
53	Two-dimensional bismuth-silver structures on Si(111). Surface Science, 2014, 623, 17-24.	0.8	15
54	LEED-AES reexamination of the $Al/Si(111) \sqrt{3} \times \sqrt{3}$ phase. Surface Science, 1994, 316, L1034-L1038.	0.8	14

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55	Structure of domain walls in Al/Si(111)-phase. <i>Surface Science</i> , 2002, 517, 151-156.	0.8	14
56	Structural properties of Cu clusters on Si(111):Cu <sub>2</sub> Si magic family. <i>Surface Science</i> , 2009, 603, 2874-2878.	0.8	14
57	One-atom-layer compounds on silicon and germanium. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 08LA01.	0.8	14
58	Long-period modulations in the linear chains of Tl atoms on Si(100). <i>Physical Review B</i> , 2005, 71, .	1.1	13
59	Variable termination of MnSi/Si(111) films and its effect on surface properties. <i>Surface Science</i> , 2011, 605, 289-295.	0.8	13
60	Size distributions of fullerene surface clusters. <i>Applied Surface Science</i> , 2014, 307, 46-51.	3.1	13
61	Unconventional superconductivity in the single-atom-layer alloy Si(111)- $\sqrt{3}\times\sqrt{3}$ -(Tl,Pb). <i>Physical Review B</i> , 2018, 98, .	1.1	13
62	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
63	Thermal nitridation of the Si(110) by NH <sub>3</sub> : LEED and AES study. <i>Surface Science</i> , 1995, 331-333, 458-463.	0.8	12
64	C <sub>60</sub> adsorption onto the one-atomic-layer In films on Si(111) surface. <i>Surface Science</i> , 2011, 605, 1951-1955.	0.8	12
65	Peculiar diffusion of C <sub>60</sub> on In-adsorbed Si(111)- $\sqrt{3}\times\sqrt{3}$ -Au surface. <i>Surface Science</i> , 2013, 616, 44-50.	0.8	12
66	Atomic structure and electronic properties of the two-dimensional $\sqrt{3}\times\sqrt{3}$ -Au film on Si(111). <i>Physical Review B</i> , 2015, 92, .		
67	Analysis of optical and magneto-optical spectra of Fe <sub>5</sub> Si <sub>3</sub> and Fe <sub>3</sub> Si magnetic silicides using spectral magnetoellipsometry. <i>Journal of Experimental and Theoretical Physics</i> , 2015, 120, 886-893.	0.2	12
68	Low-temperature one-atom-layer $\sqrt{3}\times\sqrt{3}$ -In phase on Si(111). <i>Surface Science</i> , 2016, 649, 14-19.	0.8	12
69	Theory versus experiment for a family of single-layer compounds with a similar atomic arrangement:		

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73	The manipulation of C <sub>60</sub> in molecular arrays with an STM tip in regimes below the decomposition threshold. <i>Nanotechnology</i> , 2013, 24, 055302.	1.3	11
74	Fabrication and characterization of a single monolayer NiSi <sub>2</sub> sandwiched between a TI capping layer and a Si(111) substrate. <i>2D Materials</i> , 2020, 7, 025009.	2.0	11
75	One-dimensional Rashba states in Pb atomic chains on a semiconductor surface. <i>Physical Review B</i> , 2020, 102, .	1.1	11
76	Effect of Surface Potential Relief on Forming Molecular Arrays: Tryptanthrin Adsorbed on Various Si(111) Reconstructions. <i>Journal of Physical Chemistry C</i> , 2010, 114, 14489-14495.	1.5	10
77	Effect of C <sub>60</sub> layer on the growth mode and conductance of Au and Ag films on Si(111) <sub>3</sub> -Au and Si(111) <sub>3</sub> -Ag surfaces. <i>Journal of Applied Physics</i> , 2011, 110, 093704.	1.1	10
78	Self-assembly of C <sub>60</sub> fullerenes on quasi-one-dimensional Si(111) <sub>4</sub> Å <sup>-1</sup> -In surface. <i>Surface Science</i> , 2012, 606, 1821-1824.	0.8	10
79	Room temperature 1.5 μm light-emitting silicon diode with embedded FeSi <sub>2</sub> nanocrystallites. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	10
80	Dim C <sub>60</sub> fullerenes on Si(111) Ag surface. <i>Surface Science</i> , 2013, 612, .	1.1	10
81	Growth of layered superconductor $\hat{I}^2$ -PdBi <sub>2</sub> films using molecular beam epitaxy. <i>Applied Surface Science</i> , 2017, 401, 142-145.	3.1	10
82	Growth of layered superconductor $\hat{I}^2$ -PdBi <sub>2</sub> films using molecular beam epitaxy. <i>Applied Surface Science</i> , 2017, 401, 142-145.	3.1	10
83	Superconducting single-atomic-layer TI-Pb compounds on Ge(111) and Si(111) surfaces. <i>Applied Surface Science</i> , 2019, 479, 679-684.	3.1	10
84	a surface phase with a variable composition. <i>Surface Science</i> , 2000, 447, 15-24.	0.8	9
85	Surface roughening at the one-monolayer Sb/Si(100) interface. <i>Physical Review B</i> , 2001, 65, .	1.1	9
86	High-temperature interaction of Al with Si() surface at low Al coverages. <i>Surface Science</i> , 2002, 506, 80-86.	0.8	9
87	Effect of Na adsorption on the structural and electronic properties of Si(111) <sub>3</sub> -Au surface. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 055009.	0.7	9
88	Scanning tunneling microscopy observation of ultrathin epitaxial CoSi <sub>2</sub> (111) films grown at a high temperature. <i>Technical Physics</i> , 2015, 60, 1508-1514.	0.2	9
89	Double-atomic layer of TI on Si(111): Atomic arrangement and electronic properties. <i>Surface Science</i> , 2018, 668, 17-22.	0.8	9
90	Weak Antilocalization at the Atomic-Scale Limit of Metal Film Thickness. <i>Nano Letters</i> , 2019, 19, 570-575.	4.5	9

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91	Au-induced reconstructions of the Si(111) surface with ordered and disordered domain walls. <i>Physical Review B</i> , 2020, 101, .	1.1	9
92	One-dimensional spin-polarized electron channel in the two-dimensional PbBi compound on silicon. <i>Physical Review B</i> , 2021, 104, .	1.1	9
93	Tl overlayers on Si(111) and their self-assembly induced by STM tip. <i>Applied Surface Science</i> , 2004, 237, 110-114.	3.1	8
94	Formation of Si nanodot arrays on the oxidized Si(111) surface. <i>Applied Surface Science</i> , 2005, 243, 199-203.	3.1	8
95	Intercluster conduction in lightly doped La <sup>1-x</sup> Ca <sup>x</sup> MnO <sub>3</sub> manganites in the paramagnetic temperature range. <i>Physics of the Solid State</i> , 2008, 50, 1908-1917.	0.2	8
96	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
97	Growth and characterization of van der Waals heterostructures formed by the topological insulator Bi <sub>2</sub> Se <sub>3</sub> and the trivial insulator SnSe <sub>2</sub> . <i>Applied Physics Letters</i> , 2016, 109, .	1.5	8
98	C60 capping of metallic 2D TI-Au compound with preservation of its basic properties at the buried interface. <i>Applied Surface Science</i> , 2020, 501, 144253.	3.1	8
99	Surface reconstructions in Pb/Si(100) system: Composition and atomic arrangement. <i>Surface Science</i> , 2020, 695, 121574.	0.8	8
100	Chemical and structural transformations in the Al/Si(111)8 Å–8-N system. <i>Surface Science</i> , 1993, 295, 319-324.	0.8	7
101	STM observation of the atomic hydrogen adsorption on the Si(111)4 Å–1-In surface. <i>Applied Surface Science</i> , 1997, 113-114, 354-359.	3.1	7
102	Atomic Hydrogen Interaction with the Si(100)4 Å–3-In Surface Studied by Scanning Tunneling Microscopy. <i>Japanese Journal of Applied Physics</i> , 1998, 37, 3774-3777.	0.8	7
103	Adsorption of atomic hydrogen on the Si(001) 4 Å–3-In surface studied by coaxial impact collision ion scattering spectroscopy and scanning tunneling microscopy. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1999, 17, 983.	1.6	7
104	Formation of aSi(100)c(8 Å–2)surface phase using H-induced self-organization and H extraction. <i>Physical Review B</i> , 2001, 64, .	1.1	7
105	Submonolayer Er Phases on Si(111). <i>Japanese Journal of Applied Physics</i> , 2004, 43, 1110-1113.	0.8	7
106	Self-assembly of conductive Cu nanowires on Si(111)5 Å–5 <sup>TM</sup> -Cu surface. <i>Nanotechnology</i> , 2008, 19, 245608.	1.3	7
107	First-principles study of Si(111)-In reconstruction. <i>Surface Science</i> , 2012, 606, 1914-1917.	0.8	7
108	Structural transformations in Pb/Si(111) phases induced by C <sub>60</sub> adsorption. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 395006.	0.7	7

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109	Adsorption and self-assembly of fullerenes on Si(111) $\sqrt{3} \times \sqrt{3}$ reconstruction. Surface Science, 2016, 653, 138-142.	0.8	7
110	Adsorbate-induced modification of electronic band structure of epitaxial Bi(111) films. Applied Surface Science, 2017, 406, 122-127.	3.1	7
111	One-atom-layer $\sqrt{3} \times \sqrt{3}$ reconstruction in (Tl, Pb)/Si(111) system. Surface Science, 2017, 657, 63-68.	0.8	7
112	From C60 to C70: Self-assembly of 2D fullerene nanostructures on metal-covered silicon and germanium. Journal of Chemical Physics, 2018, 149, 034702.	1.2	7
113	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
114	Effect of NH <sub>3</sub> adsorption on the atomic structure of Si(111) $\sqrt{3} \times \sqrt{3}$ - Al and Si(111) $\sqrt{3} \times \sqrt{3}$ - Ag surfaces. Surface Science, 1993, 296, L21-L26.	0.8	6
115	Si(111) $\sqrt{3} \times \sqrt{3}$ reconstruction in Scanning Tunneling Microscope Tip-Induced Structural Transformation. Japanese Journal of Applied Physics, 1997, 36, 3814-3817.	0.8	6
116	$\sqrt{3} \times \sqrt{3}$ reconstruction of Si(111) substrate atoms in the Si(111) $\sqrt{3} \times \sqrt{3}$ - In structure. Applied Surface Science, 1997, 113-114, 440-444.	3.1	6
117	Atomic structure of the Si(111)-Al phase studied using STM and total-energy calculations. Surface Science, 2003, 545, L779-L783.	0.8	6
118	Quantitative characterization of the Al nanoclustering induced by H interaction with Si(100) $\sqrt{3} \times \sqrt{3}$ - Al surface phase. Surface Science, 2004, 565, 121-128.	0.8	6
119	Interplay between adsorbed C60 fullerenes and point defects on a Si(111) $\sqrt{3} \times \sqrt{3}$ reconstructed surface. Surface Science, 2011, 605, 2050-2054.	0.8	6
120	Atomic arrangement and electron band structure of Si(1 1 1)- $\sqrt{3} \times \sqrt{3}$ -Bi reconstruction modified by alkali-metal adsorption: ab initio study. Journal of Physics Condensed Matter, 2015, 27, 305003.	0.7	6
122	The $\sqrt{3} \times \sqrt{3}$ 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
123	Superconductor-insulator transition in an anisotropic two-dimensional electron gas assisted by one-dimensional Friedel oscillations. Physical Review B, 2019, 100, ...	1.1	6
124	Metal Sheet of Atomic Thickness Embedded in Silicon. ACS Nano, 2021, 15, 19357-19363.	7.3	6
125	New structural model for the Si(111) $\sqrt{3} \times \sqrt{3}$ reconstruction. Applied Surface Science, 1998, 130-132, 96-100.	3.1	5
126	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



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127	Self-assembly formation of the ordered nanostructure arrays induced by Be interaction with Si(111) surface. <i>Surface Science</i> , 2005, 574, 99-109.	0.8	5
128	Modified Si(100)4Å–3-In nanocluster arrays. <i>Surface Science</i> , 2005, 598, 136-143.	0.8	5
129	Growth of Au thin film on Cu-modified Si(111) surface. <i>Surface Science</i> , 2009, 603, 3400-3403.	0.8	5
130	Diffusion and clustering of adatoms on discommensurate surface template: Ge atoms on Si(1 1 1)â€œ5 Å–5â€œCu reconstruction. <i>Surface Science</i> , 2010, 604, 666-673.	0.8	5
131	Atomic and electronic structures of Ag/Si(100)-c(6Å–2) surface: A first-principles study. <i>Surface Science</i> , 2010, 604, 1400-1405.	0.8	5
132	Magic C60 islands forming due to moirÃ© interference between islands and substrate. <i>Surface Science</i> , 2015, 635, 94-98.	0.8	5
133	Two-dimensional metallic (Tl,Au)/Si(100)c(2Å–2) : A Rashba-type system with C2v symmetry. <i>Physical Review B</i> , 2018, 98, .	1.1	5
134	C60 layer growth on intact and Tl-modified Si(1â€œ1â€œ1)5â€œÅ–â€œ2-Au surfaces. <i>Applied Surface Science</i> , 2018, 456, 801-807.	3.1	5
135	Double-atomic-layer Tl-Mg compound on a Si(111) surface with advanced electronic properties. <i>Physical Review B</i> , 2020, 101, .	1.1	5
136	Synthesis and electronic properties of InSe bi-layer on Si(111). <i>Applied Surface Science</i> , 2021, 539, 148144.	3.1	5
137	Electronic and transport properties of Pb-dense reconstructions on Si(100). <i>Surface Science</i> , 2021, 708, 121822.	0.8	5
138	Structural and electronic effects of adsorbed Bi on the metallic atomic chains in Au/Si(111)5Å–Å2. <i>Applied Surface Science</i> , 2021, 558, 149859.	3.1	5
139	Insights Into the Electronic Properties of PbBi Atomic Layers on Ge(111) and Si(111) Surfaces. <i>Frontiers in Materials</i> , 2022, 9, .	1.2	5
140	Comparative study of the atomic hydrogen interaction with and Si(111)âˆš3 Å–âˆš3-Al surfaces. <i>Surface Science</i> , 1996, 366, 501-507.	0.8	4
141	Atomic-hydrogen-induced self-organization of Si(111)âˆš3Å–âˆš3-In surface phase studied by CAICISS and STM. <i>Surface Science</i> , 2000, 447, 117-125.	0.8	4
142	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
143	Growth of In nanocrystallite arrays on the Si(100)-c(4Å–12)â€œAl surface. <i>Surface Science</i> , 2006, 600, 4986-4991.	0.8	4
144	Comparative STM study of SPE growth of FeSi2 nanodots on Si(111)7Å–7 and -R30Å°-B surfaces. <i>Surface Science</i> , 2006, 600, 2623-2628.	0.8	4

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145	Atomic dynamics of In nanoclusters on Si(100). Physical Review B, 2006, 74, . Structure of the Co/Si(111)  overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd"	1.1	4
146	xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	0.8	4
147	Scanning tunneling microscopy study of the early stages of epitaxial growth of CoSi <sub>2</sub> and CoSi films on Si(111) substrate: Surface and interface analysis. Thin Solid Films, 2016, 619, 153-159.	0.8	4
148	Bismuth-Indium-Sodium two-dimensional compounds on Si(111) surface. Surface Science, 2017, 666, 64-69.	0.8	4
149	(Tl, Au)/Si(111) $\sqrt{7} \times \sqrt{7}$ 2D compound: an ordered array of identical Au clusters embedded in Tl matrix. Journal of Physics Condensed Matter, 2018, 30, 025002.	0.7	4
150	Trivial band topology of ultra-thin rhombohedral Sb <sub>2</sub> Se <sub>3</sub> grown on Bi <sub>2</sub> Se <sub>3</sub> . Journal of Physics Condensed Matter, 2020, 32, 165001.	0.7	4
151	Structural and electronic properties of C <sub>60</sub> fullerene network self-assembled on metal-covered semiconductor surfaces. Journal of Chemical Physics, 2021, 154, 104703.	1.2	4
152	Atomic structure of the Al/Si(111) phases studied using STM and total-energy calculations. E-Journal of Surface Science and Nanotechnology, 2005, 3, 55-62.	0.1	4
153	Pb/NiSi  $\times$ atomic sandwich on Si(111). Surface Science, 2022, 716, 121966.	0.8	4
154	Single and double In atomic layers grown on top of a single atomic  layer on Si(111). Physical Review B, 2022, 106, .	0.8	4
155	Electron-stimulated nitridation of Si(100) in pure ammonia. Surface Science, 1994, 310, 209-216.	0.8	3
156	Al and Au binary surface phases on the Si(111) surface. Surface Science, 1995, 331-333, 594-599.	0.8	3
157	STM observation of the atomic hydrogen interaction with the Si(111) $\sqrt{3} \times \sqrt{3}$ -In surface. Applied Physics A: Materials Science and Processing, 1998, 66, S985-S988.	1.1	3
158	Scanning Tunneling Microscopy Study of the c(4 $\times$ 4) Structure Formation in the Sub-Monolayer Sb/Si(100) System. Japanese Journal of Applied Physics, 2001, 40, 6069-6072.	0.8	3
159	In situ REM and ex situ SPM studies of silicon (111) surface. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, 2344-2354.	0.8	3
160	Pb-modified In-Si(100) $\sqrt{3} \times \sqrt{3}$ magic clusters: Scanning tunneling microscopy and first-principles total-energy calculations. Physical Review B, 2007, 76, .	1.1	3
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