

Jae M Seo

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of two kinds of intercalated In films on quasi-free-standing monolayer graphene formed above SiC(0001). Carbon, 2020, 159, 229-235.	10.3	12
2	Increased Stability of Subsurface C Induced by Ca on the C-Incorporated Si(001)-4Å ^o -off Substrate. Journal of the Korean Physical Society, 2020, 76, 991-1000.	0.7	1
3	Sn-induced 1D nanostructure formed on Si(5Å5Å12)-2Å ^o -1: Faceting followed by preferential adsorption. Surface Science, 2019, 688, 69-77.	1.9	1
4	Doping modulation of quasi-free-standing monolayer graphene formed on SiC(0001) through Sn1-Ge intercalation. Carbon, 2019, 144, 549-556.	10.3	15
5	Surface reconstruction switching induced by tensile stress of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{D} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{steps: From Ba/Si(0 0 1)-} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si14.gif" overflow="scroll" \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \text{Å} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \langle \text{mml:math} \rangle$ to Ba/Si(0 0 1)-4Å ^o of. Applied Surface Science, 2018, 439, 122-127.	6.1	2
6	Charge neutrality of quasi-free-standing monolayer graphene induced by the intercalated Sn layer. Journal Physics D: Applied Physics, 2016, 49, 135307.	2.8	16
7	Origin of ambipolar graphene doping induced by the ordered Ge film intercalated on SiC(0001). Carbon, 2016, 108, 154-164.	10.3	14
8	Novel (115) faceting induced by Sr adsorbed on Si(114)-2 Å ^o - 1 with subsurface C. Surface Science, 2016, 651, 203-209.	1.9	5
9	Bifunctional effects of the ordered Si atoms intercalated between quasi-free-standing epitaxial graphene and SiC(0001): graphene doping and substrate band bending. New Journal of Physics, 2015, 17, 083058.	2.9	9
10	Initial CaF ₂ reactions on Si(1 1 4)-2 Å ^o - 1: Isolated silicides, faceting and partial CaF adsorption. Applied Surface Science, 2015, 357, 268-272.	6.1	3
11	Ca-induced structural transformation of the single-domain Si(001) surface: CaF ₂ /Si(001)-4Å ^o off. Surface Science, 2014, 623, 64-71.	1.9	6
12	Surface reconstruction at the initial Ge adsorption stage on Si(114)-2Å ^o -1. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2013, 31, 021404.	2.1	4
13	Stress-driven structural transformation of Sb-passivated Si(114). Surface Science, 2012, 606, 312-319.	1.9	5
14	Origin of enhanced Ge interdiffusion at the initial stage of Ge deposition on Si(5 5 12)-2 Å ^o - 1: Tensile stress induced by substrate chain structures. Surface Science, 2012, 606, 744-748.	1.9	3
15	Self-limited growth of the CaF nanowire on the Si(5 5 12)-2Å ^o -1 template. Surface Science, 2012, 606, 1512-1519.	1.9	5
16	Growth mechanism of isolated indium nanowires formed on Si(5 5 12)-2 Å ^o - 1 templates. Journal of the Korean Physical Society, 2012, 61, 406-409.	0.7	0
17	Metrological orientation-confirmation of Si(hhk) using scanning tunneling microscopy. Applied Surface Science, 2011, 257, 4603-4607.	6.1	0
18	Synchrotron photoemission studies on reconstructed strained surfaces. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2011, 29, .	2.1	3

#	ARTICLE	IF	CITATIONS
19	Origin of ordered two-dimensional structure of <code><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Si</mml:mtext><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mn>337</mml:mn></mml:mrow></mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"</code>		