

J W Chung

List of Publications by Year in descending order

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28
papers

447
citations

840776

11
h-index

713466

21
g-index

29
all docs

29
docs citations

29
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstruction of the W(110) surface induced by hydrogen adsorption. Physical Review Letters, 1986, 56, 749-752.	7.8	96
2	Control of the $\tilde{\Gamma}$ plasmon in a single layer graphene by charge doping. Applied Physics Letters, 2011, 99, .	3.3	79
3	Observation of intrinsic intraband $\tilde{\Gamma}$ -plasmon excitation of a single-layer graphene. Physical Review B, 2011, 83, .	3.2	38
4	Stability of graphene band structures against an external periodic perturbation: Na on graphene. Physical Review B, 2009, 79, .	3.2	25
5	Effect of adsorbate binding sites on surface-reconstruction phase diagrams: O/W(001) and H/W(001). Physical Review B, 1986, 33, 6537-6540.	3.2	24
6	Critical behavior of the $(2\tilde{\Gamma}-1)$ -O/W(110) system. Physical Review B, 1993, 47, 8461-8464.	3.2	22
7	Observation of a quasi-1D Mott-Hubbard insulator: The re-entrant Na/Si(111)- $3\tilde{\Gamma}-1$ surface. Europhysics Letters, 2002, 57, 859-865.	2.0	21
8	Chemisorption of acetic acid on $\sqrt{3}\times\sqrt{3}$ -R $\tilde{1}$ Si(111) surface at room temperature. Physical Review B, 2008, 77, .	3.2	18
9	Interaction of slow N_2^+ ions with the Si(001) surface: A combined photoemission and LEED study. Physical Review B, 1994, 49, 2651-2657.	3.2	17
10	Computed tomography of cavernous sinus diseases. Neuroradiology, 1988, 30, 319-328.	2.2	15
11	Evidence of metallic nature of the surface bands of Au/Si(557). Physical Review B, 2009, 80, .	3.2	12
12	Direct evidence of the step-edge buckling at the $\sqrt{3}\times\sqrt{3}$ -R $\tilde{1}$ Si(111) surface. Physical Review B, 2009, 80, .	3.2	11
13	Short-Term Effects of a New Intravascular Nitinol Stent in Canine Arteries. Investigative Radiology, 1999, 34, 367.	6.2	10
14	Observation of Disorder-Induced 2D Mott-Hubbard States of the Alkali-Earth Metal (Mg,Ba)-Adsorbed Si(111) Surface. Physical Review Letters, 2000, 84, 1748-1751.	7.8	9
15	Hypointense Boundary Layer Between Slow Flow and Mural Thrombus on Spin-Echo MR. Journal of Computer Assisted Tomography, 1992, 16, 944-950.	0.9	8
16	A Newly Designed Nitinol Stent: Early Clinical Experience in the Treatment of Iliac Artery Stenoses and Occlusions. Korean Journal of Radiology, 2001, 2, 145.	3.4	7
17	$\text{Si}^{\delta-}\text{O}^{\delta-}$ bond structure in slow $\tilde{\Gamma}$ deposited SiO_2 films. Journal of Applied Physics, 1991, 69, 3354-3356.	2.5	6
18	Interaction of hydrogen and oxygen on tungsten{100}. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1984, 2, 877-880.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Interaction of low-energy oxygen ions with the Si(100) surface. <i>Physical Review B</i> , 1992, 45, 1705-1711.	3.2	5
20	Enhanced Deseleniumization of Selenophene Molecules Adsorbed on Si(100)-2 Å ⁻¹ Surface. <i>Journal of Physical Chemistry C</i> , 2011, 115, 17856-17860.	3.1	4
21	Stenosis of the inferior vena cava caused by a traumatic diaphragmatic hernia: case report. <i>Pediatric Radiology</i> , 1995, 25, S175-S177.	2.0	4
22	Angle-resolved photoemission study of the Li-induced structures of the Si(001) surface. <i>Applied Physics A: Materials Science and Processing</i> , 1995, 60, 35-40.	2.3	3
23	Critical behavior of the Au/Si(111)-(5Å ⁻¹) surface. <i>Physical Review B</i> , 1997, 55, 7047-7051.	3.2	2
24	Structural study of a commensurate phase at Co/Si(111) interface using in situ surface x-ray scattering. <i>Applied Physics Letters</i> , 2002, 81, 2776-2778.	3.3	2
25	Relation between primes and nontrivial zeros in the Riemann hypothesis; Legendre polynomials, modified zeta function and Schrödinger equation. <i>Journal of Mathematical Physics</i> , 2012, 53, 122108.	1.1	2
26	Vibrational property of the slow N ²⁺ ions deposited SiN _x films. <i>Applied Physics A: Solids and Surfaces</i> , 1994, 59, 445-448.	1.4	1
27	Structure of the metallic Si(001) surface at high temperatures: Synchrotron x-ray scattering measurements. <i>Physical Review B</i> , 2008, 78, .	3.2	1
28	Angle-resolved photoemission study of the Li-induced structures of the Si(001) surface. <i>Applied Physics A: Materials Science and Processing</i> , 1995, 60, 35-40.	2.3	0