

# J W Chung

## List of Publications by Year in descending order

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28  
papers

447  
citations

840776

11  
h-index

713466

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29  
all docs

29  
docs citations

29  
times ranked

415  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relation between primes and nontrivial zeros in the Riemann hypothesis; Legendre polynomials, modified zeta function and Schrödinger equation. Journal of Mathematical Physics, 2012, 53, 122108.	1.1	2
2	Enhanced Deseleniumization of Selenophene Molecules Adsorbed on Si(100)-2 × 1 Surface. Journal of Physical Chemistry C, 2011, 115, 17856-17860.	3.1	4
3	Control of the Dirac plasmon in a single layer graphene by charge doping. Applied Physics Letters, 2011, 99, .	3.3	79
4	Observation of intrinsic intraband Dirac plasmon excitation of a single-layer graphene. Physical Review B, 2011, 83, .	3.2	38
5	Direct evidence of the step-edge buckling at the Au/Si(557) interface. Physical Review B, 2009, 80, .	3.2	11
6	Evidence of metallic nature of the surface bands of Au/Si(557). Physical Review B, 2009, 80, .	3.2	12
7	Stability of graphene band structures against an external periodic perturbation: Na on graphene. Physical Review B, 2009, 79, .	3.2	25
8	Chemisorption of acetic acid on Si(100) surface at room temperature. Physical Review B, 2008, 77, .	3.2	18
9	Structure of the metallic Si(001) surface at high temperatures: Synchrotron x-ray scattering measurements. Physical Review B, 2008, 78, .	3.2	1
10	Structural study of a commensurate phase at Co/Si(111) interface using in situ surface x-ray scattering. Applied Physics Letters, 2002, 81, 2776-2778.	3.3	2
11	Observation of a quasi-1D Mott-Hubbard insulator: The re-entrant Na/Si(111)-3 × 1 surface. Europhysics Letters, 2002, 57, 859-865.	2.0	21
12	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
13	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
14	Short-Term Effects of a New Intravascular Nitinol Stent in Canine Arteries. Investigative Radiology, 1999, 34, 367.	6.2	10
15	Critical behavior of the Au/Si(111)-(5 × 1) surface. Physical Review B, 1997, 55, 7047-7051.	3.2	2
16	Angle-resolved photoemission study of the Li-induced structures of the Si(001) surface. Applied Physics A: Materials Science and Processing, 1995, 60, 35-40.	2.3	3
17	Stenosis of the inferior vena cava caused by a traumatic diaphragmatic hernia: case report. Pediatric Radiology, 1995, 25, S175-S177.	2.0	4
18	Angle-resolved photoemission study of the Li-induced structures of the Si(001) surface. Applied Physics A: Materials Science and Processing, 1995, 60, 35-40.	2.3	0

#	ARTICLE	IF	CITATIONS
19	Interaction of slow N <sub>2</sub> <sup>+</sup> ions with the Si(001) surface: A combined photoemission and LEED study. Physical Review B, 1994, 49, 2651-2657.	3.2	17
20	Vibrational property of the slow N <sub>2</sub> <sup>+</sup> ions deposited SiN <sub>x</sub> films. Applied Physics A: Solids and Surfaces, 1994, 59, 445-448.	1.4	1
21	Critical behavior of the p(2 $\sqrt{3}$ ×1)-O/W(110) system. Physical Review B, 1993, 47, 8461-8464.	3.2	22
22	Interaction of low-energy oxygen ions with the Si(100) surface. Physical Review B, 1992, 45, 1705-1711.	3.2	5
23	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
24	Si-O bond structure in slowly ion deposited SiO <sub>2</sub> films. Journal of Applied Physics, 1991, 69, 3354-3356.	2.5	6
25	Computed tomography of cavernous sinus diseases. Neuroradiology, 1988, 30, 319-328.	2.2	15
26	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
27	Reconstruction of the W(110) surface induced by hydrogen adsorption. Physical Review Letters, 1986, 56, 749-752.	7.8	96
28	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