

Alan Champion

List of Publications by Year in descending order

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12
papers

3,469
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

4233
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Foreign Particles in Human Tissues Using Raman Microscopy. <i>Analytical Chemistry</i> , 2018, 90, 8362-8369.	6.5	5
2	Ultra-Thin Si ¹ x Ge x Dislocation Blocking Layers for Ge/Strained Si CMOS Devices. <i>Journal of Electronic Materials</i> , 2007, 36, 641-647.	2.2	4
3	Two-dimensional localization of adsorbate/substrate charge-transfer excited states of molecules adsorbed on metal surfaces. <i>Journal of Chemical Physics</i> , 1999, 110, 551-558.	3.0	23
4	Surface enhanced Raman scattering as a probe of adsorbate-substrate charge-transfer excitations. <i>Surface Science</i> , 1999, 427-428, 115-125.	1.9	29
5	Surface-enhanced Raman scattering. <i>Chemical Society Reviews</i> , 1998, 27, 241.	38.1	2,771
6	On the chemical mechanism of surface enhanced Raman scattering: Experiment and theory. <i>Journal of Chemical Physics</i> , 1998, 108, 5013-5026.	3.0	260
7	Surface chemistry of polyimide formation on Cu(111). <i>Surface Science</i> , 1997, 372, L254-L260.	1.9	13
8	On the role of charge-transfer resonances in the chemical mechanism of surface-enhanced Raman scattering. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 4775.	1.7	33
9	On the role of electromagnetic field gradients in surface Raman scattering by molecules adsorbed on single crystal metal surfaces. <i>Journal of Chemical Physics</i> , 1996, 104, 6856-6859.	3.0	18
10	Surface chemistry of polyimide precursors on Cu(111). <i>Surface Science</i> , 1995, 325, L428-L434.	1.9	16
11	On the Mechanism of Chemical Enhancement in Surface-Enhanced Raman Scattering. <i>Journal of the American Chemical Society</i> , 1995, 117, 11807-11808.	13.7	264
12	A Raman spectroscopic study of the polyimide/Ag(110) interface. <i>Surface Science</i> , 1990, 234, L275-L280.	1.9	33