

Brian P Borovsky

List of Publications by Year in descending order

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11
papers

449
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion of the Silicon Dimer on Si(001): New Possibilities at 450 K. Physical Review Letters, 1997, 78, 4229-4232.	7.8	85
2	Si(001) Step Dynamics. Physical Review Letters, 1995, 74, 2710-2713.	7.8	83
3	Metastable adsorption of benzene on the Si(001) surface. Physical Review B, 1998, 57, R4269-R4272.	3.2	78
4	Piecewise diffusion of the silicon dimer. Physical Review B, 1999, 59, 1598-1601.	3.2	54
5	Diffusion of adsorbed Si dimers on Si(001). Surface Science, 1997, 385, 146-154.	1.9	44
6	Scanning tunneling microscopy study of the adsorption of toluene on Si(001). Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1999, 17, 7.	1.6	33
7	Empirical relationship between interfacial shear stress and contact pressure in micro- and macro-scale friction. Tribology International, 2021, 155, 106780.	5.9	23
8	Observation of microslip dynamics at high-speed microcontacts. Applied Physics Letters, 2007, 91, 114101.	3.3	20
9	Hot scanning tunneling microscope study of B type step edges and small silicon islands on Si(001). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1995, 13, 1506-1510.	2.1	16
10	An Integrated Force Probe and Quartz Crystal Microbalance for High-Speed Microtribology. Tribology Letters, 2017, 65, 1.	2.6	11
11	Metastable Structures in the Initial Stages of Si Homoepitaxy. Surface Review and Letters, 1998, 05, 1053-1056.	1.1	2