Thomas Engel

List of Publications by Year
in descending order

29 papers	818 citations	759233 12 h-index	610901 24 g-index
60 all docs	60 docs citations	60 times ranked	735 citing authors

#	Article	IF	Citations
1	Chemical Reactions. , 2018, , 83-83.		0
2	The RADAR Projectâ€”A Service for Research Data Archival and Publication. ISPRS International Journal of Geo-Information, 2016, 5, 28.	2.9	4
3	GCC2011 â€“ 25 years of computational chemistry meetings. Journal of Cheminformatics, 2012, 4, A1-P62.	6.1	0
4	Integrating Computational Chemistry into the Physical Chemistry Curriculum. Journal of Chemical Education, 2011, 88, 569-573.	2.3	30
5	German Conference on Chemoinformatics 2010 â€“ organizers' notes. Journal of Cheminformatics, 2011, 3, I1-P43.	6.1	0
6	Einstieg in die kombinatorische Chemie und das Wirkstoffdesign. Nachrichten Aus Der Chemie, 2009, 57, 143-144.	0.0	0
7	Basic Overview of Chemoinformatics. Journal of Chemical Information and Modeling, 2006, 46, 2267-2277.	5.4	126
8	Chemical structure representation for information exchange. Online Information Review, 2002, 26, 139-145.	3.2	3
9	Evidence for Structure Sensitivity in the Thermally Activated and Photocatalytic Dehydrogenation of 2-Propanol on TiO2. Journal of Physical Chemistry B, 2000, 104, 9836-9841.	2.6	77
10	Photocatalytic Dehydrogenation of 2-Propanol on TiO2(110). Journal of Physical Chemistry B, 1998, 102, 7596-7605.	2.6	75
11	Electron Exchange Luminescence of Spiroadamantane-Substituted Dioxetanes Triggered by Alkaline Phosphatase. Kinetics and Elucidation of pH Effects. Journal of the American Chemical Society, 1996, 118, 10400-10407.	13.7	65
12	Toward a Strategic Surface Science:â€‰ Progress and Pitfalls. Langmuir, 1996, 12, 1428-1441.	3.5	7
13	A liquid nitrogen cooled ionizer for a quadrupole mass spectrometer. Review of Scientific Instruments, 1996, 67, 4027-4028.	1.3	2
14	Fluorescence quenching by electron transfer in quinolinium betaines. Semiempirical and experimental studies. Chemical Physics Letters, 1995, 235, 58-64.	2.6	7
15	Thermal and direct etching mechanisms of Si(100) with a hyperthermal chlorine beam. Journal of Applied Physics, 1994, 75, 3623-3626.	2.5	27
16	Etching of Si surfaces with hot chlorine beams: Translational and vibrational excitation of the incident chlorine particles. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1994, 12, 648-657.	2.1	47
17	Photochemistry of N-phthaloyl derivatives of electron-donor-substituted amino acids. Tetrahedron, 1994, 50, 701-714.	1.9	41
18	Thermal decomposition of ultrathin oxide layers on Si(100). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1992, 10, 2314-2321.	2.1	60

#	Article	IF	Citations
19	Effect of coincident ion bombardment on the oxidation of Siâ€‰(100) by atomic oxygen. Applied Physics Letters, 1989, 55, 2202-2204.	3.3	11
20	Reactive atomâ€“surface scattering: The adsorption and reaction of atomic oxygen on the Si(100) surface. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1989, 7, 1837-1840.	2.1	38
21	Summary Abstract: Adsorption and reaction of oxygen on Si(100): A modulated molecular beam and timeâ€resolved xâ€ray photoelectron spectroscopy study. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1987, 5, 642-644.	2.1	1
22	Summary Abstract: Energetics of surface roughening: A comparison of step formation on Ni(100), Ni(113), and Ni(115). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1987, 5, 708-708.	2.1	0
23	A helium diffraction study of the structure of the Ni(115) surface. Journal of Chemical Physics, 1987, 86, 3682-3692.	3.0	6
24	Threeâ€axis sample manipulator with XYZ translation for use in UHV. Review of Scientific Instruments, 1986, 57, 487-489.	1.3	12
25	Mapping a hard wall potential into a soft wall potential for helium diffraction from surfaces. Journal of Chemical Physics, 1986, 84, 434-439.	3.0	4
26	Fastâ€closing beam valve for use in ultrahigh vacuum. Review of Scientific Instruments, 1986, 57, 301-301.	1.3	4
27	Highâ€speed motor for use in an ultrahighâ€vacuum environment. Review of Scientific Instruments, 1985, 56, 1668-1669.	1.3	9
28	Helium Diffraction as a Probe of Surface Structure. Israel Journal of Chemistry, 1982, 22, 294-297.	2.3	3
29	NFDI4Chem - Towards a National Research Data Infrastructure for Chemistry in Germany. Research Ideas and Outcomes, 0, 6, .	1.0	25