

Willem H Mulder

List of Publications by Year in descending order

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28
papers

454
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687363

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times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Cation disorder in dolomite, $\text{CaMg}(\text{CO}_3)_2$, and its influence on the aragonite + magnesite "dolomite reaction boundary. <i>American Mineralogist</i> , 2004, 89, 1142-1147.	1.9	76
2	Synthesis, characterization and molecular sensing behavior of $[\text{ZnCl}_2(\hat{1}\text{-3-N,N,O-dpkbh})]$ (dpkbh=di-2-pyridyl ketone benzoyl hydrazone). <i>Journal of Molecular Structure</i> , 2008, 873, 17-28.	3.6	51
3	In situ study of the c o m orientational disorder in calcite. <i>Physics and Chemistry of Minerals</i> , 2009, 36, 159-169.	0.8	41
4	A Kinetic Model for the Reductive Desorption of Self-Assembled Thiol Monolayers. <i>Langmuir</i> , 2001, 17, 3273-3280.	3.5	38
5	Optosensing properties of $\text{fac-Re}(\text{CO})_3(\text{dpknph})\text{Cl}$ (dpknph=di-2-pyridyl ketone p-nitrophenyl) <i>J ETQq1 1 0.784314 rgBT / Overlock 107</i>	3.5	27
6	The $\text{R}\{\overline{3}\} \text{c o R}\{\overline{3}\} \text{m}$ transition in nitrate, NaNO_3 , and implications for calcite, CaCO_3 . <i>Physics and Chemistry of Minerals</i> , 2008, 35, 545-557.	0.8	23
7	Success and failure of polarized-ion models: Bending and atomization energy of groups 2 and 12 dihalides. <i>Journal of Chemical Physics</i> , 2003, 119, 5423-5436.	3.0	22
8	Valence-State Atoms in Molecules. 7. Influence of Polarization and Bond-Charge on Spectroscopic Constants of Diatomic Molecules. <i>Journal of Physical Chemistry A</i> , 2004, 108, 595-606.	2.5	20
9	Synthesis, spectroscopy, thermodynamics and structure of $[\text{ZnCl}_2(\hat{1}\text{-3-dpktch})]$ ($\hat{1}\text{-3-dpktch} \hat{=} \hat{=} \text{N,N,O}$) <i>J ETQq1 1 0.784314 rgBT</i>	2.2	18
10	Proton Transfer Voltammetry at Electrodes Modified with Acid Thiol Monolayers. <i>Analytical Chemistry</i> , 2012, 84, 5778-5786.	6.5	17
11	Effect of medium relaxation on the acidity constants of electronically excited states obtained by the FÅrster cycle method. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 161, 21-25.	3.9	15
12	Potential of zero charge as a sensitive probe for the titration of ionizable self-assembled monolayers. <i>Electrochemistry Communications</i> , 2008, 10, 1548-1550.	4.7	15
13	Theory of the Salt Effect on Solvatochromic Shifts And Its Potential Application to the Determination of Ground-State and Excited-State Dipole Moments. <i>Journal of Physical Chemistry A</i> , 2002, 106, 11932-11937.	2.5	13
14	Equilibrium Size Distributions of Circular Domains in Amphiphilic Monolayers. <i>Journal of Physical Chemistry B</i> , 1997, 101, 7744-7750.	2.6	12
15	On the distribution of interspecies correlation for Markov models of character evolution on Yule trees. <i>Journal of Theoretical Biology</i> , 2015, 364, 275-283.	1.7	10
16	A mathematical description of the current flow during phase transitions in solid surface films. <i>Journal of Electroanalytical Chemistry</i> , 1994, 366, 287-293.	3.8	9
17	On the Theory of Electrostatic Interactions in Suspensions of Charged Colloids. <i>Soil Science Society of America Journal</i> , 2010, 74, 1-4.	2.2	9
18	Probability distributions of ancestries and genealogical distances on stochastically generated rooted binary trees. <i>Journal of Theoretical Biology</i> , 2011, 280, 139-145.	1.7	9

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19	SNS versus SNN Pincer Ligands: Electrochemical Studies and Their Palladium(II) Complexes as ElectroCatalyst for Proton Reduction. <i>ChemistrySelect</i> , 2018, 3, 8387-8394.	1.5	9
20	Analytical Expressions for Proton Transfer Voltammetry: Analogy to Surface Redox Voltammetry with Frumkin Interactions. <i>Analytical Chemistry</i> , 2013, 85, 4475-4482.	6.5	7
21	The use of size distributions of circular domains in Langmuir monolayers for determining physical parameters of surfactants. <i>Journal of Colloid and Interface Science</i> , 2003, 264, 558-560.	9.4	5
22	The Electrocapillary Effect at an Electrode Modified with an Insoluble Redox-Active Self-Assembled Monolayer. <i>Langmuir</i> , 2004, 20, 869-874.	3.5	2
23	Thermodynamic and kinetic models for acid chloride formation: A computational and theoretical mechanistic study. <i>Journal of Molecular Graphics and Modelling</i> , 2022, 112, 108139.	2.4	2
24	The caloric effect of adsorption at the electrified metal/electrolyte interface. <i>Journal of Chemical Physics</i> , 1995, 103, 6164-6172.	3.0	1
25	Thermodynamic Analysis of Phase Coexistence and Stability in Textured Amphiphilic Monolayers at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , 1998, 102, 5460-5467.	2.6	1
26	Comment on "A potential dependent polarizability". <i>J. Chem. Phys.</i> 96, 5289 (1992)]. <i>Journal of Chemical Physics</i> , 2000, 113, 3477-3478.	3.0	1
27	Proton transfer impedance of electrodes modified with acid thiol monolayers. <i>Journal of Electroanalytical Chemistry</i> , 2018, 819, 145-151.	3.8	1
28	Thermodynamic analysis of some electrochemical properties of transition metal complexes in electronically excited states. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 187, 247-254.	3.9	0