

Stephen D Kinrade

List of Publications by Year in descending order

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papers

1,261
citations

430442

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29
g-index

29
all docs

29
docs citations

29
times ranked

992
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasml silica nanoparticles directly ligate the T cell receptor complex. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 285-291.	3.3	17
2	Silicon Forms a Rich Diversity of Aliphatic Polyol Complexes in Aqueous Solution. Journal of the American Chemical Society, 2020, 142, 9188-9202.	6.6	5
3	Non-Functionalized Ultrasml Silica Nanoparticles Directly and Size-Selectively Activate T Cells. ACS Nano, 2018, 12, 10843-10854.	7.3	39
4	Identification of a mammalian silicon transporter. American Journal of Physiology - Cell Physiology, 2017, 312, C550-C561.	2.1	45
5	Adsorption of Amorphous Silica Nanoparticles onto Hydroxyapatite Surfaces Differentially Alters Surfaces Properties and Adhesion of Human Osteoblast Cells. PLoS ONE, 2016, 11, e0144780.	1.1	15
6	Aqueous Alkali-Metal Silicate Anions Containing Fully Condensed Four-Coordinate Sites. Angewandte Chemie - International Edition, 2012, 51, 9900-9903.	7.2	7
7	Effects of Saccharide Set Retarders on the Hydration of Ordinary Portland Cement and Pure Tricalcium Silicate. Journal of the American Ceramic Society, 2010, 93, 279-287.	1.9	51
8	The Structure of Silicate Anions in Aqueous Alkaline Solutions. Angewandte Chemie - International Edition, 2007, 46, 8148-8152.	7.2	94
9	Do zeolite precursor species really exist in aqueous synthesis media?. Physical Chemistry Chemical Physics, 2006, 8, 3099.	1.3	64
10	The structure of aqueous pentaoxo silicon complexes with cis-1,2-dihydroxycyclopentane and furanoidic vicinal cis-diols. Dalton Transactions, 2004, , 3241.	1.6	17
11	Complexes of pentaoxo and hexaoxo silicon with furanoidic vicinal cis-diols in aqueous solution As presented at the Second Silicon in Agriculture Conference, Tsuruoka, Japan, August 2002.. Dalton Transactions, 2003, , 3713.	1.6	19
12	Comment on "Identification of Precursor Species in the Formation of MFI Zeolite in the TPAOH-TEOS-H ₂ O System". Journal of Physical Chemistry B, 2002, 106, 3329-3332.	1.2	127
13	Two substituted cubic octameric silicate cages in aqueous solution. Dalton Transactions RSC, 2002, , 1250-1252.	2.3	34
14	Silicon-29 NMR evidence of a transient hexavalent silicon complex in the diatom Navicula pelliculosa. Dalton Transactions RSC, 2002, , 307-309.	2.3	84
15	NMR evidence of pentaoxo organosilicon complexes in dilute neutral aqueous silicate solutions. Chemical Communications, 2001, , 1564-1565.	2.2	32
16	Aqueous hypervalent silicon complexes with aliphatic sugar acids. Dalton Transactions RSC, 2001, , 961-963.	2.3	70
17	Silicon-29 NMR evidence of alkoxy substituted aqueous silicate anions. Journal of the Chemical Society Dalton Transactions, 1999, , 3149-3150.	1.1	19
18	Silicon-29 Nuclear Magnetic Resonance Spectroscopy Detection Limits. Analytical Chemistry, 1999, 71, 265-267.	3.2	18

#	ARTICLE	IF	CITATIONS
19	Silicon-29 NMR Studies of Tetraalkylammonium Silicate Solutions. 2. Polymerization Kinetics. <i>Inorganic Chemistry</i> , 1998, 37, 4278-4283.	1.9	60
20	Silicon-29 NMR Studies of Tetraalkylammonium Silicate Solutions. 1. Equilibria, ²⁹ Si Chemical Shifts, and ²⁹ Si Relaxation. <i>Inorganic Chemistry</i> , 1998, 37, 4272-4277.	1.9	101
21	Two-Dimensional Silicon-29/Tin-117 NMR Evidence of Aqueous Stannosilicate Anions. <i>Journal of the American Chemical Society</i> , 1996, 118, 4196-4197.	6.6	7
22	Oxygen-17 NMR Study of Aqueous Potassium Silicates. <i>The Journal of Physical Chemistry</i> , 1996, 100, 4760-4764.	2.9	24
23	Longitudinal ²⁹ Si Nuclear Magnetic Relaxation in Aqueous Alkali-Metal Silicate Solutions Revisited. <i>The Journal of Physical Chemistry</i> , 1996, 100, 18351-18356.	2.9	12
24	The Peroxysilicate Question. ²⁹ Si-NMR Evidence for the Role of Silicates in Alkaline Peroxide Brightening of Mechanical Pulp. <i>Journal of Wood Chemistry and Technology</i> , 1995, 15, 203-222.	0.9	9
25	Effect of alkali-metal cations on the chemistry of aqueous silicate solutions. <i>Inorganic Chemistry</i> , 1992, 31, 4558-4563.	1.9	70
26	A sample tube for nmr studies at elevated pressures and temperatures. <i>Journal of Magnetic Resonance</i> , 1988, 77, 569-571.	0.5	7
27	Silicon-29 NMR studies of aqueous silicate solutions. 2. Transverse silicon-29 relaxation and the kinetics and mechanism of silicate polymerization. <i>Inorganic Chemistry</i> , 1988, 27, 4259-4264.	1.9	86
28	Silicon-29 NMR studies of aqueous silicate solutions. 1. Chemical shifts and equilibria. <i>Inorganic Chemistry</i> , 1988, 27, 4253-4259.	1.9	127