

István Nagypál

List of Publications by Year in descending order

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21
papers

794
citations

687363

13
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

399
citing authors

#	ARTICLE	IF	CITATIONS
1	On the derivation of the Gibbs–Helmholtz equation. ChemTexts, 2016, 2, 1.	1.9	10
2	Compatible mechanism to characterize three independent but cross-coupled reactions of chlorite ion. Chaos, 2015, 25, 064604.	2.5	6
3	Peculiar kinetics of the complex formation in the iron(III)–sulfate system. International Journal of Chemical Kinetics, 2008, 40, 114-124.	1.6	3
4	Effect of Chloride Ion on the Kinetics and Mechanism of the Reaction between Chlorite Ion and Hypochlorous Acid. Inorganic Chemistry, 2008, 47, 7914-7920.	4.0	33
5	Three Autocatalysts and Self-Inhibition in a Single Reaction: A Detailed Mechanism of the Chlorite–Tetrathionate Reaction. Inorganic Chemistry, 2006, 45, 9877-9883.	4.0	44
6	Autocatalysis and Self-Inhibition: Coupled Kinetic Phenomena in the Chlorite–Tetrathionate Reaction. Journal of the American Chemical Society, 2004, 126, 6246-6247.	13.7	38
7	Iodine Hydrolysis Equilibrium. Journal of Solution Chemistry, 2003, 32, 385-393.	1.2	19
8	Kinetics and Mechanism of the Decomposition of Chlorous Acid. Journal of Physical Chemistry A, 2003, 107, 6966-6973.	2.5	56
9	Kinetics and Mechanism of the Chlorine Dioxide-Tetrathionate Reaction. Journal of Physical Chemistry A, 2003, 107, 10063-10068.	2.5	29
10	Kinetics and mechanism of the reaction between hypochlorous acid and tetrathionate ion. International Journal of Chemical Kinetics, 2000, 32, 395-402.	1.6	23
11	Kinetics and mechanism of the reaction between hypochlorous acid and tetrathionate ion. International Journal of Chemical Kinetics, 2000, 32, 395-402.	1.6	1
12	Kinetics and Mechanism of the Reaction between Thiosulfate and Chlorine Dioxide. Journal of Physical Chemistry A, 1998, 102, 7267-7272.	2.5	35
13	Novel Formulation of the Gibbs–Energy Change in Terms of Stoichiometrically Unique Response Reactions. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1996, 51, 1079-1083.	1.5	4
14	Joule-Thomson coefficient in systems with multiple chemical equilibria. Journal of Mathematical Chemistry, 1996, 20, 365-384.	1.5	1
15	Propagating reaction front in “frozen” phase. International Journal of Chemical Kinetics, 1991, 23, 99-101.	1.6	11
16	Effect of magnetic fields on a propagating reaction front. Nature, 1990, 347, 749-751.	27.8	30
17	Systematic design of chemical oscillators. 60. Kinetics and mechanism of the reaction between chlorite ion and hypochlorous acid. The Journal of Physical Chemistry, 1990, 94, 2954-2958.	2.9	119
18	Stochastic behavior and stirring rate effects in the chlorite–iodide reaction. Journal of Chemical Physics, 1988, 89, 6925-6928.	3.0	41

#	ARTICLE	IF	CITATIONS
19	Gravity-induced anisotropies in chemical waves. <i>Journal of the American Chemical Society</i> , 1986, 108, 3635-3640.	13.7	133
20	Kinetics and mechanism of the reaction between thiosulfate and chlorite ions at 90°C. <i>International Journal of Chemical Kinetics</i> , 1986, 18, 345-353.	1.6	7
21	Fluctuations and stirring rate effects in the chlorite-thiosulfate reaction. <i>The Journal of Physical Chemistry</i> , 1986, 90, 6285-6292.	2.9	151