Hanne Corfitzen - Publications - DTU Orbit (23/01/2016)

On the mechanism of the decomposition of acidic O_3 solutions, thermally or H_2O_2-initiated

General information
State: Published
Organisations: Risø National Laboratory for Sustainable Energy
Authors: Sehested, K. (Intern), Corfitzen, H. (Intern), Holcman, J. (Intern), Hart, E. (Ekstern)
Pages: 2667-2672
Publication date: 1998
Main Research Area: Technical/natural sciences

Publication information
Journal: Journal of Physical Chemistry Part A: Molecules, Spectroscopy, Kinetics, Environment and General Theory
Volume: 102
ISSN (Print): 1089-5639
Ratings:
BFI (2015): BFI-level 1
BFI (2014): BFI-level 1
ISI indexed (2013): ISI indexed yes
BFI (2013): BFI-level 1
BFI (2012): BFI-level 1
ISI indexed (2012): ISI indexed yes
BFI (2011): BFI-level 1
ISI indexed (2011): ISI indexed yes
BFI (2010): BFI-level 1
BFI (2009): BFI-level 1
BFI (2008): BFI-level 1
Original language: English
Source: orbit
Source-ID: 298769
Publication: Research - peer-review › Journal article – Annual report year: 1998

Measurement of the rate constants of the reactions $OH+OH^-\rightarrow+H_2O$ and $OD+OD^-\rightarrow+D_2O$ in forward and reverse directions. Kinetic determination of the pK's of OH and OD radicals

General information
State: Published
Organisations: Risø National Laboratory for Sustainable Energy
Authors: Hickel, B. (Ekstern), Corfitzen, H. (Intern), Sehested, K. (Intern)
Pages: 17186-17190
Publication date: 1996
Main Research Area: Technical/natural sciences

Publication information
Journal: J. Phys. Chem.
Volume: 100
Original language: English
Source: orbit
Source-ID: 294921
Publication: Research › Journal article – Annual report year: 1996

Decomposition of ozone in aqueous acetic acid solutions (pH 0-4)

General information
State: Published
Organisations: Risø National Laboratory for Sustainable Energy
Authors: Sehested, K. (Intern), Corfitzen, H. (Intern), Holcman, J. (Intern), Hart, E. (Ekstern)
Pages: 1005-1009

Publication date: 1992
Main Research Area: Technical/natural sciences

Publication information
Journal: J. Phys. Chem.
Volume: 96
Original language: English
Source: orbit
Source-ID: 290439
Publication: Research › Journal article – Annual report year: 1992

The primary reaction in the decomposition of ozone in acidic aqueous solutions

General information
State: Published
Organisations: Risø National Laboratory for Sustainable Energy
Authors: Sehested, K. (Intern), Corfitzen, H. (Intern), Holcman, J. (Intern), Fischer, C. (Ekstern), Hart, E. (Ekstern)
Pages: 1589-1596
Publication date: 1991
Main Research Area: Technical/natural sciences

Publication information
Journal: Environmental Science & Technology (Washington)
Volume: 25
ISSN (Print): 0013-936X
Ratings:
BFI (2015): BFI-level 2
BFI (2014): BFI-level 2
ISI indexed (2013): ISI indexed yes
BFI (2013): BFI-level 2
BFI (2012): BFI-level 2
ISI indexed (2012): ISI indexed yes
BFI (2011): BFI-level 2
ISI indexed (2011): ISI indexed yes
BFI (2010): BFI-level 2
BFI (2009): BFI-level 2
BFI (2008): BFI-level 2
Original language: English
Source: orbit
Source-ID: 289235
Publication: Research - peer-review › Journal article – Annual report year: 1991

Reactions of Hydroxyl Radicals with Hydrogen Peroxide at Ambient and Elevated Temperatures

General information
State: Published
Organisations: Risø National Laboratory for Sustainable Energy
Authors: Christensen, H. (Ekstern), Sehested, K. (Intern), Corfitzen, H. (Intern)
Pages: 1588-1590
Publication date: 1982
Main Research Area: Technical/natural sciences

Publication information
Journal: Journal of Physical Chemistry
Volume: 86
Issue number: 9
ISSN (Print): 0022-3654
Original language: English
DOIs:

10.1021/j100206a023
Source: orbit
Source-ID: 313493
Publication: Research - peer-review › Journal article – Annual report year: 1982

The CO60-ray radiolysis of aqueous solutions of H2 + O2. Determination of Geaq + GH at pH O.46 - 6.5

General information

State: Published
Organisations: Risø National Laboratory for Sustainable Energy, Radiation Physics, Radiation Research Division
Authors: Sehested, K. (Intern), Corfitzen, H. (Intern), Fricke, H. (Ekstern)
Pages: 211-213
Publication date: 1970
Main Research Area: Technical/natural sciences

Publication information

Journal: Journal of Physical Chemistry
Volume: 74
ISSN (Print): 0022-3654
Original language: English
Source: orbit
Source-ID: 285372
Publication: Research - peer-review › Journal article – Annual report year: 1970