

Jan Rocek

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25
papers

569
citations

15
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49
ext. papers

631
ext. citations

16
avg, IF

2.7
L-index

#	Paper	IF	Citations
25	Mechanism of the chromic acid oxidation of cyclobutanol. <i>Journal of the American Chemical Society</i> , 1973 , 95, 7123-7132	16.4	69
24	One-electron vs. two-electron oxidations. Cerium(IV) and cyclobutanol. <i>Journal of the American Chemical Society</i> , 1972 , 94, 1209-1214	16.4	61
23	Permanganate oxidation of crotonic acid. Spectrometric detection of an intermediate. <i>Journal of the American Chemical Society</i> , 1973 , 95, 3034-3035	16.4	43
22	Formation of a long-lived chromium(V) intermediate in the chromic acid oxidation of oxalic acid. <i>Journal of the American Chemical Society</i> , 1974 , 96, 127-133	16.4	40
21	Three-electron oxidations. II. Chromium(VI) oxidation of oxalic acid. <i>Journal of the American Chemical Society</i> , 1972 , 94, 9073-9081	16.4	40
20	Cooxidation of isopropyl alcohol and oxalic acid by chromic acid. One-step three-electron oxidation. <i>Journal of the American Chemical Society</i> , 1972 , 94, 3181-3187	16.4	40
19	One-electron vs. two-electron oxidations. Vanadium(V) oxidation of cyclobutanols. <i>Journal of the American Chemical Society</i> , 1975 , 97, 5452-5456	16.4	37
18	Oxidations of hydroaromatic systems. II. 2,3-Dichloro-5,6-dicyanobenzoquinone. <i>Journal of the American Chemical Society</i> , 1972 , 94, 2716-2719	16.4	26
17	Chromium(IV) oxidation of primary and secondary alcohols. <i>Journal of the American Chemical Society</i> , 1971 , 93, 5455-5462	16.4	25
16	Stable chromium(V) compounds. <i>Journal of the American Chemical Society</i> , 1976 , 98, 872-873	16.4	23
15	Three-electron oxidations. IX. Chromic acid oxidation of glycolic acid. <i>Journal of the American Chemical Society</i> , 1975 , 97, 1444-1450	16.4	20
14	Chromic acid oxidation of cyclopropanols. <i>Journal of the American Chemical Society</i> , 1975 , 97, 6502-6510	16.4	19
13	Chromium(IV) oxidation of aliphatic aldehydes. <i>Journal of the American Chemical Society</i> , 1974 , 96, 1522-1529	16.4	17
12	Three-electron oxidations. IV. Chromic acid cooxidation of tertiary hydroxy acids and alcohols. <i>Journal of the American Chemical Society</i> , 1973 , 95, 5421-5422	16.4	17
11	Three-electron oxidations. VI. Chromic acid cooxidation of cyclobutanol and oxalic acid. Chromium(V) oxidation of cyclobutanol. <i>Journal of the American Chemical Society</i> , 1974 , 96, 534-539	16.4	15
10	Effect of cerium(III) and cerium(IV) on chromic acid oxidations. Elimination of the chromium(IV)-alcohol oxidation. <i>Journal of the American Chemical Society</i> , 1973 , 95, 8352-8357	16.4	15
9	Evidence for epoxides as intermediates in the chromic acid oxidation of olefins. <i>Journal of the American Chemical Society</i> , 1970 , 92, 6668-6669	16.4	13

- 8 Chromic acid oxidation of cyclopropanols. *Journal of the American Chemical Society*, **1973**, 95, 5425-5426 16.4 10
- 7 Three-electron oxidations. X. Cooxidation of isopropyl alcohol and glycolic acid. *Journal of the American Chemical Society*, **1975**, 97, 3762-3766 16.4 8
- 6 Three-electron oxidations. III. Chromium(V) oxidation step. *Journal of the American Chemical Society*, **1972**, 94, 8946-8947 16.4 8
- 5 Stable chromium (IV) alkoxide of a secondary alcohol. *Journal of the American Chemical Society*, **1973**, 95, 4756-4756 16.4 7
- 4 Oxidations of hydroaromatic systems. I. The oxidation of tropilidene by ceric ammonium nitrate. *Journal of the American Chemical Society*, **1971**, 93, 7114-7116 16.4 6
- 3 Three-electron oxidations. VIII. Direct evidence for the synchronous character of three-electron oxidations. *Journal of the American Chemical Society*, **1974**, 96, 6802-6803 16.4 5
- 2 Oxidation of hydroaromatic systems. IV. Chromic acid oxidation of cycloheptatriene. *Journal of the American Chemical Society*, **1974**, 96, 2836-2840 16.4 5
- 1 Cyclobutanone 20-20