STANDARD Smed

Numarul publicatiei	Referinta bibliografica	s_i	n_i	s_i/n_i
1	G. Mitran, É. Makó, Á. Rédey, I.-C. Marcu, „Esterification of acetic acid with *n* -butanol using vanadium oxides supported on γ-alumina", *CR Chim.* 15 (2012) 793-798 (DOI: 10.1016/j.crci.2012.06.004).	1.467065868	4	0.366766467
2	O. D. Pavel, D. Tichit, I.-C. Marcu, „Acido-basic and catalytic properties of transition-metal containing Mg-Al hydrotalcites and their corresponding mixed oxides", *Appl. Clay Sci.* 61 (2012) 52-58 (DOI: 10.1016/j.clay.2012.03.006).	1.268683274	3	0.422894425
3	I. Popescu, I.-T. Trotuş, I.-C. Marcu, „Study by electrical conductivity measurements of semiconductive and redox properties of ceria and phosphated ceria catalysts", *Appl. Catal. B* 128 (2012) 55-63 (DOI: 10.1016/j.apcatb.2012.01.037).	4.481132075	3	1.493710692
4	G. Mitran, T. Cacciaguerra, S. Loridant, D. Tichit, I.-C. Marcu, „Oxidative dehydrogenation of propane over cobalt-containing mixed oxides obtained from LDH precursors", *Appl. Catal. A* 417-418 (2012) 153-162 (DOI: 10.1016/j.apcata.2011.12.038).	1.62541806	5	0.325083612
5	S. Tanasoi, G. Mitran, N. Tanchoux, T. Cacciaguerra, F. Fajula, I. Săndulescu, D. Tichit, I.-C. Marcu, „Transition metal-containing mixed oxides catalysts derived from LDH precursors for short-chain hydrocarbons oxidation", *Appl. Catal. A* 395 (2011) 78-86 (DOI: 10.1016/j.apcata.2011.01.028).	1.62541806	8	0.203177258
6	I. Popescu, I. Săndulescu, Á. Rédey, I.-C. Marcu, „Study of the catalytic activity – semiconductive properties relationship for $BaTiO_3$ and $PbTiO_3$ perovskites, catalysts for methane combustion", *Catal. Lett.* 141 (2011) 445-451 (DOI: 10.1007/s10562-010-0538-2).	0.864904552	4	0.216226138
7	G. Mitran, É. Makó, Á. Rédey, I.-C. Marcu, „Esterification of acetic acid with *n* -butanol using molybdenum oxides supported on γ-alumina", *Catal. Lett.* 140 (2010) 32-37 (DOI: 10.1007/s10562-010-0431-z).	0.864904552	4	0.216226138
8	I.-C. Marcu, M. N. Urlan, Á. Rédey, I. Săndulescu, „Phosphated ceria, selective catalysts for oxidative dehydrogenation of isobutane", *C. R. Chim.* 13 (2010) 365-371 (DOI: 10.1016/j.crci.2009.12.007).	1.467065868	4	0.366766467
9	I.-C. Marcu, D. Tichit, F. Fajula, N. Tanchoux, „Catalytic valorization of bioethanol over Cu-Mg-Al mixed oxide catalysts", *Catal. Today* 147 (2009) 231-238 (DOI: 10.1016/j.cattod.2009.04.004).	3.066037736	4	0.766509434

10	I. Popescu, A. Urda, T. Yuzhakova, I.-C. Marcu, J. Kovacs, I. Săndulescu, „$BaTiO_3$ and $PbTiO_3$ perovskite as catalysts for methane combustion", *C. R. Chim.* 12 (2009) 1072-1078 (DOI: 10.1016/j.crci.2008.09.006).	1.467065868	6	0.244510978
11	G. Mitran, A. Urda, N. Tanchoux, F. Fajula, I.-C. Marcu, Propane oxidative dehydrogenation over Ln-Mg-Al-O catalysts (Ln = Ce, Sm, Dy, Yb), *Catal. Lett.* 131 (2009) 250-257 (DOI: 10.1007/s10562-009-0057-1).	0.864904552	5	0.17298091
12	A. Urdă, A. Herraïz, Á. Rédey, I.-C. Marcu, „Co and Ni ferrospinels as catalysts for propane total oxidation", *Catal. Commun.* 10 (2009) 1651-1655 (DOI: 10.1016/j.catcom.2009.05.002).	1.064610866	4	0.266152717
13	S. Tanasoi, N. Tanchoux, A. Urdă, D. Tichit, I. Săndulescu, F. Fajula, I.-C. Marcu, „New Cu-based mixed oxides obtained from LDH precursors, catalysts for methane total oxidation", *Appl. Catal. A* 363 (2009) 135-142 (DOI: 10.1016/j.apcata.2009.05.007).	1.62541806	7	0.23220258
14	F. Urlan, I.-C. Marcu, I. Săndulescu, „Oxidative dehydrogenation of *n*-butane over titanium pyrophosphate catalysts in the presence of carbon dioxide", *Catal. Commun.* 9 (2008) 2403-2406 (DOI: 10.1016/j.catcom.2008.05.038).	1.064610866	3	0.354870289
15	I.-C. Marcu, I. Săndulescu, Y. Schuurman, J. M. M. Millet, „Mechanism of *n*- butane oxidative dehydrogenation over tetravalent pyrophosphates catalysts", *Appl. Catal. A* 334 (2008) 207–216 (DOI: 10.1016/j.apcata.2007.09.049).	1.62541806	4	0.406354515
16	J. M. M. Millet, I.-C. Marcu, J. M. Herrmann, „Study by electrical conductivity measurement of redox properties of vanadium antimonate and mixed vanadium and iron antimonate", *J. Mol. Catal. A* 226(1) (2005) 111-117 (DOI: 10.1016/j.molcata.2004.09.052).	1.171806167	3	0.390602056
17	S. Loridant, I.-C. Marcu, G. Bergeret, J. M. M. Millet, "TiP_2O_7 catalysts characterized by *in situ* Raman spectroscopy during the oxidative dehydrogenation of *n*-butane" *Phys. Chem. – Chem. Phys.* 5 (2003) 4384-4389 (DOI: 10.1039/b305787a).	2.227996647	4	0.556999162
18	I.-C. Marcu, I. Săndulescu, J. M. M. Millet, "Effects of the method of preparing titanium pyrophosphate catalyst on the structure and catalytic activity in oxidative dehydrogenation of *n*-butane" *J. Mol. Catal. A* 203 (2003) 241-250 (DOI: 10.1016/S1381-1169(03)00376-5).	1.171806167	3	0.390602056

19	I.-C. Marcu, J. M. M. Millet, J. M. Herrmann, "Semiconductive and redox properties of Ti and Zr pyrophosphate catalysts (TiP_2O_7 and ZrP_2O_7). Consequences for the oxidative dehydrogenation of *n* -butane", *Catal. Lett.* 78 (2002) 273-279 (DOI: 10.1023/A:1014944231515).	0.864904552	3	0.288301517
20	I.-C. Marcu, I. Săndulescu, J. M. M. Millet, "Oxidehydrogenation of *n* -butane over tetravalent metal phosphates based catalysts", *Appl. Catal. A* 227 (2002) 309-320 (DOI: 10.1016/S0926-860X(01)00947-4).	1.62541806	3	0.54180602
			$\sum_i \frac{S_i}{n_i}$	**8.22274343**
			S_{med}=	**0.411137171**

30/01/2013

Standard C_{med} (Citari din Web of Science si SCOPUS la data de 30/01/2013)

Numarul publicatiei care citeaza	Referinta bibliografica a publicatiei k care citeaza	s_k
Mitran G., Cacciaguerra T., Loridant S., Tichit D., Marcu I.-C., "Oxidative dehydrogenation of propane over cobalt-containing mixed oxides obtained from LDH precursors", Applied Catalysis A: General, 417-418 (2012) 153-162.		
1.	Ultraviolet-visible spectroscopy and temperature-programmed techniques as tools for structural characterization of Cu in CuMgAlOx mixed metal oxides, Bravo-Suárez, J.J., Subramaniam, B., Chaudhari, R.V., 2012, Journal of Physical Chemistry C 116 (34), pp. 18207-18221	2.99785
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STANDARD P

Numarul publicatiei	Referinta bibliografica	s_i	p_i	s_i/p_i
1	G. Mitran, O. D. Pavel, I.-C. Marcu, „Molybdena-vanadia supported on alumina: effective catalysts for the esterification reaction of acetic acid with *n* -butanol", *J. Mol. Catal. A* (2013) DOI: 10.1016/j.molcata.2013.01.001.	1.171806167	1	1.171806167
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