Imre KovÃ¡cs

List of Publications by Year
in descending order

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18	373	933447	996975
papers	citations	10	15
		h-index	g-index

18	18	18	266
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A round dance of acetaldehyde molecular ensembles on Rh(111) surface; formation and decomposition of various paraldehyde conformers. Journal of Molecular Structure, 2022, , 133311.	3.6	0
2	Recent Developments in Rh Heterogeneous Catalysts. Catalysts, 2021, 11, 416.	3.5	0
3	The Role of Electronegative and Electropositive Modifiers in the Adsorption and Decomposition of Acetaldehyde on Rh(111) Surface. , 2021, 6, .		0
4	The Potassium-Induced Decomposition Pathway of HCOOH on Rh(111). Catalysts, 2020, 10, 675.	3.5	9
5	On the role of adsorbed formate in the oxidation of C 1 species on clean and modified Pd(100) surfaces. Vacuum, 2017, 138, 152-156.	3.5	3
6	Adsorption, polymerization and decomposition of acetaldehyde on clean and carbon-covered Rh(111) surfaces. Surface Science, 2017, 664, 129-136.	1.9	12
7	The adsorption properties of PdZnx alloy on Pd(100): Preparation and characterization. Vacuum, 2007, 82, 182-185.	3.5	3
8	The effect of iodine on the reactivity of H2CO formed in CH2 oxidation on Pd(100). Surface Science, 2004, 566-568, 1001-1006.	1.9	3
9	Thermal and photo-induced oxidation of CH2 on Cu(100). Journal of Molecular Catalysis A, 1999, 141, 31-38.	4.8	9
10	Thermal and photo-induced dissociation of (C2H5)2Zn on Rh(111) surface. Surface Science, 1999, 442, 115-130.	1.9	12
11	Thermal and Photoinduced Dissociation of CH2I2on Cu(100) Surface. Journal of Physical Chemistry B, 1997, 101, 5397-5404.	2.6	28
12	Thermal and photoâ€induced dissociation of (C2H5)2Zn to yield C2H5 on the Pd(100) surface. Journal of Chemical Physics, 1994, 101, 4236-4247.	3.0	24
13	Carbon-carbon coupling of methylene groups: thermal and photo-induced dissociation of CH2I2 on Pd(100) surface. Surface Science, 1993, 296, 171-185.	1.9	56
14	Thermal and photoinduced dissociation of ethyl iodide to yield ethyl on a palladium(100) surface. The Journal of Physical Chemistry, 1993, 97, 11056-11063.	2.9	40
15	Adsorption of hydrogen and deuterium on potassium-promoted Pd(100) surfaces. Surface Science, 1992, 260, 139-150.	1.9	19
16	Adsorption and reaction of HCOOH on K-promoted Pd(100) surfaces. Surface Science, 1991, 259, 95-108.	1.9	40
17	Adsorption and decomposition of formic acid on potassium-promoted rhodium(111) surfaces. The Journal of Physical Chemistry, 1988, 92, 796-803.	2.9	51
18	Adsorption of HCOOH on Rh(111) and its reaction with preadsorbed oxygen. Surface Science, 1987, 192, 47-65.	1.9	64