

# Dv Cesar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/714231/publications.pdf>

Version: 2024-02-01

32  
papers

1,125  
citations

430874

18  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of Ni and Pt catalysts supported on $\gamma$ -Al <sub>2</sub> O <sub>3</sub> and ZrO <sub>2</sub> applied in methane reforming with CO <sub>2</sub> . Applied Catalysis A: General, 2007, 316, 175-183.	4.3	193
2	Kinetics and reaction pathway of the CO <sub>2</sub> reforming of methane on Rh supported on lanthanum-based solid. Journal of Catalysis, 2007, 245, 25-34.	6.2	167
3	Methane oxidation – effect of support, precursor and pretreatment conditions – in situ reaction XPS and DRIFT. Catalysis Today, 2006, 118, 392-401.	4.4	94
4	Stability and selectivity of bimetallic Cu–Co/SiO <sub>2</sub> catalysts for cyclohexanol dehydrogenation. Applied Catalysis A: General, 1999, 176, 205-212.	4.3	59
5	Fischer–Tropsch Synthesis on Anchored Co/Nb <sub>2</sub> O <sub>5</sub> /Al <sub>2</sub> O <sub>3</sub> Catalysts: The Nature of the Surface and the Effect on Chain Growth. Journal of Physical Chemistry B, 2006, 110, 9155-9163.	2.6	53
6	Synthesis of iron-based magnetic nanocomposites and applications in adsorption processes for water treatment: a review. Environmental Chemistry Letters, 2021, 19, 1229-1274.	16.2	53
7	In situ characterizations of Pd/Al <sub>2</sub> O <sub>3</sub> and Pd/CeO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> catalysts for oxidative steam reforming of propane. Applied Catalysis B: Environmental, 2009, 92, 217-224.	20.2	51
8	Quantitative XPS analysis of silica-supported Cu–Co oxides. Applied Surface Science, 2000, 157, 159-166.	6.1	44
9	Kinetic Studies of the Dry Reforming of Methane over the Rh/La <sub>2</sub> O <sub>3</sub> –SiO <sub>2</sub> Catalyst. Industrial & Engineering Chemistry Research, 2007, 46, 7543-7549.	3.7	41
10	Ethanol reforming and partial oxidation with Cu/Nb <sub>2</sub> O <sub>5</sub> catalyst. Catalysis Today, 2009, 142, 252-257.	4.4	39
11	Bioethanol conversion into hydrocarbons on HZSM-5 and HMCM-22 zeolites: Use of in situ DRIFTS to elucidate the role of the acidity and of the pore structure over the coke formation and product distribution. Catalysis Today, 2014, 234, 182-191.	4.4	32
12	Magnetic solid-phase extraction and pre-concentration of 17 $\beta$ -estradiol and 17 $\alpha$ -ethinylestradiol in tap water using maghemite-graphene oxide nanoparticles and determination via HPLC with a fluorescence detector. Microchemical Journal, 2020, 157, 104947.	4.5	32
13	Stability of Ni and Rh–Ni catalysts derived from hydrotalcite-like precursors for the partial oxidation of methane. International Journal of Hydrogen Energy, 2013, 38, 5616-5626.	7.1	29
14	The Interaction of Oxides of the Pd/Ce/Zr/Al <sub>2</sub> O <sub>3</sub> Catalysts Prepared by Impregnation Over Alumina and Promoting Effects on Surface Properties. Catalysis Letters, 2010, 137, 45-54.	2.6	28
15	Drifts and TPD analyses of ethanol on Pt catalysts over Al <sub>2</sub> O <sub>3</sub> and ZrO <sub>2</sub> – partial oxidation of ethanol. Canadian Journal of Chemical Engineering, 2011, 89, 1166-1175.	1.7	28
16	Hydrogen production from ethylene glycol reforming catalyzed by Ni and Ni–Pt hydrotalcite-derived catalysts. International Journal of Hydrogen Energy, 2016, 41, 22000-22008.	7.1	28
17	Surface reactivity of zinc-modified hydroxyapatite. Catalysis Today, 2008, 133-135, 168-173.	4.4	27
18	Solvothermal Reduction of Graphite Oxide Using Alcohols. Materials Research, 2018, 21, .	1.3	18

#	ARTICLE	IF	CITATIONS
19	Synthesis of a Magnetic Fe <sub>3</sub> O <sub>4</sub> /RGO Composite for the Rapid Photo-Fenton Discoloration of Indigo Carmine Dye. Topics in Catalysis, 2020, 63, 1017-1029.	2.8	16
20	Characterization of ZnO and TiO <sub>2</sub> catalysts to hydrogen production using thermoprogrammed desorption of methanol. Catalysis Today, 2008, 133-135, 136-141.	4.4	14
21	Pulsed cobalt-rich Zn-Co alloy coatings produced from citrate baths. Surface and Coatings Technology, 2016, 306, 462-472.	4.8	12
22	Quantitative XPS Analysis of Bimetallic Cu-Co Catalysts. Physica Status Solidi A, 2001, 187, 321-326.	1.7	11
23	Waterborne poly(urethane-urea) gas permeation membranes for CO <sub>2</sub> /CH <sub>4</sub> separation. Journal of Applied Polymer Science, 2018, 135, 46003.	2.6	11
24	Optimized preconcentration method using magnetic dispersive solid-phase microextraction with GO-Fe <sub>2</sub> O <sub>3</sub> nanoparticles for the determination of Se in fish samples by FIA-HG-AAS. Journal of Analytical Atomic Spectrometry, 2021, 36, 900-908.	3.0	10
25	Preparation of highly loaded nickel/silica catalysts by a deposition-precipitation method. Effect of the aging time on the reducibility of nickel and on the textural properties of the catalyst. Studies in Surface Science and Catalysis, 1995, 91, 1017-1026.	1.5	7
26	Reduced Graphene Oxide-Zinc Oxide Flower-Like Composite for Glass-Ionomer Materials Reinforcement. Materials Research, 2020, 23, .	1.3	7
27	Fischer-tropsch synthesis on Pd-Co/Nb <sub>2</sub> O <sub>5</sub> catalysts. Studies in Surface Science and Catalysis, 2007, 167, 147-152.	1.5	5
28	NO <sub>x</sub> Reduction by Ethanol on Pd/Sulphated Zirconia. Catalysis Letters, 2009, 129, 85-92.	2.6	5
29	Ultrasensitive Determination of Arsenic in Juvenile Eyeshadow by Novel Dispersive Magnetic Solid-Phase Extraction (MSPE) and Flow Injection Analysis - Hydride Generation Atomic Absorption Spectrometry (FIA-HG-AAS). Analytical Letters, 2023, 56, 132-147.	1.8	5
30	A review of Corrosion Resistance Nanocomposite Coatings. , 0, , .		4
31	Electrodeposition of Composite Coatings of Cu/AlO(OH) Using Allyl Alcohol as an Additive. Materials Research, 2017, 20, 374-385.	1.3	2
32	The Effect of Electrolyte pH on the Ni-Co Mixed Oxides Coatings Produced from Citrate Baths. Materials Research, 2017, 20, 748-757.	1.3	0