

Giuseppe Pantaleo

List of Publications by Year in descending order

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81743

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#	ARTICLE	IF	CITATIONS
1	A Gluten-Free Biscuit Fortified with Lemon IntegroPectin. <i>ChemistrySelect</i> , 2022, 7, .	0.7	2
2	Reducibility Studies of Ceria, Ce _{0.85} Zr _{0.15} O ₂ (CZ) and Au/CZ Catalysts after Alkali Ion Doping: Impact on Activity in Oxidation of NO and CO. <i>Catalysts</i> , 2022, 12, 524.	1.6	4
3	CO ₂ reforming of CH ₄ over Ni supported on SiO ₂ modified by TiO ₂ and ZrO ₂ : Effect of the support synthesis procedure. <i>Applied Catalysis A: General</i> , 2022, 642, 118704.	2.2	8
4	Investigation of Co ₃ O ₄ and LaCoO ₃ Interaction by Performing N ₂ O Decomposition Tests under Co ₃ O ₄ -CoO Transition Temperature. <i>Catalysts</i> , 2021, 11, 325.	1.6	1
5	Strong impact of indium promoter on Ni/Al ₂ O ₃ and Ni/CeO ₂ -Al ₂ O ₃ catalysts used in dry reforming of methane. <i>Applied Catalysis A: General</i> , 2021, 621, 118174.	2.2	34
6	CO ₂ Reforming of CH ₄ over SiO ₂ -Supported Ni Catalyst: Effect of Sn as Support and Metal Promoter. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 18684-18694.	1.8	18
7	Activity of Ag/CeZrO ₂ , Ag+K/CeZrO ₂ , and Ag-Au+K/CeZrO ₂ Systems for Lean Burn Exhaust Clean-Up. <i>Catalysts</i> , 2021, 11, 1041.	1.6	3
8	The Effect of Potassium on TiO ₂ Supported Bimetallic Cobalt-Iron Catalysts. <i>Topics in Catalysis</i> , 2020, 63, 1424-1433.	1.3	2
9	Structural insight in TiO ₂ supported CoFe catalysts for Fischer-Tropsch synthesis at ambient pressure. <i>Applied Catalysis A: General</i> , 2020, 600, 117621.	2.2	13
10	Application of Potassium Ion Deposition in Determining the Impact of Support Reducibility on Catalytic Activity of Au/Ceria-Zirconia Catalysts in CO Oxidation, NO Oxidation, and C ₃ H ₈ Combustion. <i>Catalysts</i> , 2020, 10, 688.	1.6	6
11	WO ₃ -V ₂ O ₅ Active Oxides for NO _x SCR by NH ₃ : Preparation Methods, Catalysts' Composition, and Deactivation Mechanism—A Review. <i>Catalysts</i> , 2019, 9, 527.	1.6	32
12	Sustainable Recycling of Insoluble Rust Waste for the Synthesis of Iron-Containing Perovskite-Type Catalysts. <i>ACS Omega</i> , 2019, 4, 6994-7004.	1.6	7
13	The Effect of Citric Acid Concentration on the Properties of LaMnO ₃ as a Catalyst for Hydrocarbon Oxidation. <i>Catalysts</i> , 2019, 9, 226.	1.6	40
14	Alumina supported Au/Y-doped ceria catalysts for pure hydrogen production via PROX. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 233-245.	3.8	27
15	Plain and CeO ₂ Supported La _x NiO _y catalysts for partial oxidation of CH ₄ . <i>Catalysis Today</i> , 2018, 307, 189-196.	2.2	11
16	New active meso-porous titania foam as size limiter for metal nanoparticles. <i>Journal of Alloys and Compounds</i> , 2018, 735, 1611-1619.	2.8	3
17	Effects of Synthesis on the Structural Properties and Methane Partial Oxidation Activity of Ni/CeO ₂ Catalyst. <i>Catalysts</i> , 2018, 8, 220.	1.6	16
18	Effect of Y Modified Ceria Support in Mono and Bimetallic Pd-Au Catalysts for Complete Benzene Oxidation. <i>Catalysts</i> , 2018, 8, 283.	1.6	14

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19	Gold catalysts supported on Y-modified ceria for CO-free hydrogen production via PROX. Applied Catalysis B: Environmental, 2016, 188, 154-168.	10.8	47
20	Ni/CeO ₂ catalysts for methane partial oxidation: Synthesis driven structural and catalytic effects. Applied Catalysis B: Environmental, 2016, 189, 233-241.	10.8	141
21	A rapid and eco-friendly route to synthesize graphene-doped silica nanohybrids. Journal of Alloys and Compounds, 2016, 664, 428-438.	2.8	39
22	Catalytic Oxidation of Propene over Pd Catalysts Supported on CeO ₂ , TiO ₂ , Al ₂ O ₃ and M/Al ₂ O ₃ Oxides (M = Ce, Ti, Fe, Mn). Catalysts, 2015, 5, 671-689.	1.6	71
23	Co ₃ O ₄ particles grown over nanocrystalline CeO ₂ : influence of precipitation agents and calcination temperature on the catalytic activity for methane oxidation. Catalysis Science and Technology, 2015, 5, 1888-1901.	2.1	63
24	NO reduction by CO over gold catalysts supported on Fe-loaded ceria. Applied Catalysis B: Environmental, 2015, 174-175, 176-184.	10.8	43
25	Synthesis and support composition effects on CH ₄ partial oxidation over Ni-Ce-La oxides. Applied Catalysis B: Environmental, 2015, 164, 135-143.	10.8	54
26	Pure hydrogen production via PROX over gold catalysts supported on Pr-modified ceria. Fuel, 2014, 134, 628-635.	3.4	5
27	Bi- and trimetallic Ni catalysts over Al ₂ O ₃ and Al ₂ O ₃ -MO (M = Ce or Mg) oxides for methane dry reforming: Au and Pt additive effects. Applied Catalysis B: Environmental, 2014, 156-157, 350-361.	10.8	141
28	CERIA-BASED CATALYSTS FOR AIR POLLUTION ABATEMENT. Catalytic Science Series, 2013, , 813-879.	0.6	0
29	Co ₃ O ₄ nanocrystals and Co ₃ O ₄ -MO _x binary oxides for CO, CH ₄ and VOC oxidation at low temperatures: a review. Catalysis Science and Technology, 2013, 3, 3085.	2.1	318
30	Sol-derived AuNi/MgAl ₂ O ₄ catalysts: Formation, structure and activity in dry reforming of methane. Applied Catalysis A: General, 2013, 468, 250-259.	2.2	45
31	Nano-gold catalysts on Fe-modified ceria for pure hydrogen production via WGS and PROX: Effect of preparation method and Fe-doping on the structural and catalytic properties. Applied Catalysis A: General, 2013, 467, 76-90.	2.2	24
32	Ni-Based Catalysts for Low Temperature Methane Steam Reforming: Recent Results on Ni-Au and Comparison with Other Bi-Metallic Systems. Catalysts, 2013, 3, 563-583.	1.6	137
33	Mesoporous Silica Based Gold Catalysts: Novel Synthesis and Application in Catalytic Oxidation of CO and Volatile Organic Compounds (VOCs). Catalysts, 2013, 3, 774-793.	1.6	28
34	Co/SiO ₂ catalysts for Fischer-Tropsch synthesis; effect of Co loading and support modification by TiO ₂ . Catalysis Today, 2012, 197, 18-23.	2.2	35
35	Structure of the Metal-Support Interface and Oxidation State of Gold Nanoparticles Supported on Ceria. Journal of Physical Chemistry C, 2012, 116, 2960-2966.	1.5	44
36	Pd (1Åwt%)/LaMn _{0.4} Fe _{0.6} O ₃ Catalysts Supported Over Silica SBA-15: Effect of Perovskite Loading and Support Morphology on Methane Oxidation Activity and SO ₂ Tolerance. Topics in Catalysis, 2012, 55, 782-791.	1.3	9

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37	Au/CeO ₂ -SBA-15 catalysts for CO oxidation: Effect of ceria loading on physic-chemical properties and catalytic performances. <i>Catalysis Today</i> , 2012, 187, 10-19.	2.2	43
38	Chemical-physical properties of spinel CoMn ₂ O ₄ nano-powders and catalytic activity in the 2-propanol and toluene combustion: Effect of the preparation method. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 291-297.	0.9	69
39	Preferential oxidation of CO in H ₂ rich stream (PROX) over gold catalysts supported on doped ceria: Effect of water and CO ₂ . <i>Catalysis Today</i> , 2011, 175, 411-419.	2.2	33
40	Supported Au catalysts for propene total oxidation: Study of support morphology and gold particle size effects. <i>Catalysis Today</i> , 2011, 176, 7-13.	2.2	30
41	Supported Au catalysts for low-temperature abatement of propene and toluene, as model VOCs: Support effect. <i>Applied Catalysis B: Environmental</i> , 2011, 101, 629-637.	10.8	139
42	Effect of Ti(IV) loading on CH ₄ oxidation activity and SO ₂ tolerance of Pd catalysts supported on silica SBA-15 and HMS. <i>Applied Catalysis B: Environmental</i> , 2011, 106, 529-539.	10.8	55
43	Novel transformations amongst mesostructured VPO phases synthesized through surfactant assisted organization from an exfoliated solution of VOPO ₄ ·2H ₂ O. <i>Microporous and Mesoporous Materials</i> , 2010, 128, 213-222.	2.2	12
44	Supported gold catalysts for CO oxidation and preferential oxidation of CO in H ₂ stream: Support effect. <i>Catalysis Today</i> , 2010, 158, 56-62.	2.2	59
45	Synthesis of CeO ₂ , ZrO ₂ , Ce _{0.5} Zr _{0.5} O ₂ , and TiO ₂ nanoparticles by a novel oil-in-water microemulsion reaction method and their use as catalyst support for CO oxidation. <i>Catalysis Today</i> , 2010, 158, 35-43.	2.2	82
46	Preferential oxidation of CO in H ₂ rich stream (PROX) over gold catalysts supported on doped ceria: Effect of preparation method and nature of dopant. <i>Catalysis Today</i> , 2010, 158, 44-55.	2.2	39
47	Mesoporous SBA-15 silica modified with cerium oxide: Effect of ceria loading on support modification. <i>Studies in Surface Science and Catalysis</i> , 2010, , 401-404.	1.5	3
48	Combined sulfating and non-sulfating support to prevent water and sulfur poisoning of Pd catalysts for methane combustion. <i>Chemical Communications</i> , 2010, 46, 6317.	2.2	29
49	Support effect on the structure and CO oxidation activity of Cu-Cr mixed oxides over Al ₂ O ₃ and SiO ₂ . <i>Materials Chemistry and Physics</i> , 2009, 114, 604-611.	2.0	53
50	Catalytic Removal of Toluene over Co ₃ O ₄ /CeO ₂ Mixed Oxide Catalysts: Comparison with Pt/Al ₂ O ₃ . <i>Catalysis Letters</i> , 2009, 127, 270-276.	1.4	127
51	Alumina and Alumina-Baria Supported Cobalt Catalysts for DeNO _x : Influence of the Support and Cobalt Content on the Catalytic Performance. <i>Topics in Catalysis</i> , 2009, 52, 1826-1831.	1.3	6
52	Insights into SO ₂ Interaction with Pd/Co ₃ O ₄ /CeO ₂ Catalysts for Methane Oxidation. <i>Topics in Catalysis</i> , 2009, 52, 1989-1994.	1.3	9
53	A comparative study of differently prepared rare earths-modified ceria-supported gold catalysts for preferential oxidation of CO. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 6505-6515.	3.8	54
54	In situ FT-IR investigation of the reduction of NO with CO over Au/CeO ₂ -Al ₂ O ₃ catalyst in the presence and absence of H ₂ . <i>Applied Catalysis B: Environmental</i> , 2009, 88, 113-126.	10.8	42

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55	Oxidation of CH ₄ over Pd supported on TiO ₂ -doped SiO ₂ : Effect of Ti(IV) loading and influence of SO ₂ . Applied Catalysis B: Environmental, 2009, 88, 430-437.	10.8	68
56	NO reduction by CO over gold catalysts based on ceria supports, prepared by mechanochemical activation, modified by Me ³⁺ (Me=Al or lanthanides): Effect of water in the feed gas. Applied Catalysis B: Environmental, 2009, 90, 286-294.	10.8	17
57	Combined effect of noble metals (Pd, Au) and support properties on HDS activity of Co/SiO ₂ catalysts. Applied Catalysis A: General, 2009, 353, 296-304.	2.2	28
58	Alumina supported Pt(1%)/Ce _{0.6} Zr _{0.4} O ₂ monolith: Remarkable stabilization of ceria-zirconia solution towards CeAlO ₃ formation operated by Pt under redox conditions. Applied Catalysis B: Environmental, 2009, 90, 470-477.	10.8	35
59	Total oxidation of propene at low temperature over Co ₃ O ₄ -CeO ₂ mixed oxides: Role of surface oxygen vacancies and bulk oxygen mobility in the catalytic activity. Applied Catalysis A: General, 2008, 347, 81-88.	2.2	246
60	Support effect on the catalytic performance of Au/Co ₃ O ₄ -CeO ₂ catalysts for CO and CH ₄ oxidation. Catalysis Today, 2008, 139, 174-179.	2.2	69
61	NO reduction by CO over gold based on ceria, doped by rare earth metals. Catalysis Today, 2008, 139, 168-173.	2.2	39
62	Nano-Structured Gold Catalysts Supported on CeO ₂ and CeO ₂ -Al ₂ O ₃ for NO _x Reduction by CO: Effect of Catalyst Pretreatment and Feed Composition. Journal of Nanoscience and Nanotechnology, 2008, 8, 867-873.	0.9	15
63	Honeycomb supported Co ₃ O ₄ /CeO ₂ catalyst for CO/CH ₄ emissions abatement: Effect of low Pd-Pt content on the catalytic activity. Catalysis Communications, 2007, 8, 299-304.	1.6	25
64	NO reduction by CO in the presence of water over gold supported catalysts on CeO ₂ -Al ₂ O ₃ mixed support, prepared by mechanochemical activation. Applied Catalysis B: Environmental, 2007, 76, 107-114.	10.8	73
65	Pd and PdAu on mesoporous silica for methane oxidation: Effect of SO ₂ . Journal of Catalysis, 2007, 251, 94-102.	3.1	47
66	Catalytic performance of Co ₃ O ₄ /CeO ₂ and Co ₃ O ₄ /CeO ₂ -ZrO ₂ composite oxides for methane combustion: Influence of catalyst pretreatment temperature and oxygen concentration in the reaction mixture. Applied Catalysis B: Environmental, 2007, 70, 314-322.	10.8	138
67	Combined CO/CH ₄ oxidation tests over Pd/Co ₃ O ₄ monolithic catalyst: Effects of high reaction temperature and SO ₂ exposure on the deactivation process. Applied Catalysis B: Environmental, 2007, 75, 182-188.	10.8	27
68	Oxidative degradation properties of Co-based catalysts in the presence of ozone. Applied Catalysis B: Environmental, 2007, 75, 281-289.	10.8	34
69	Pd/Co ₃ O ₄ catalyst for CH ₄ emissions abatement: study of SO ₂ poisoning effect. Topics in Catalysis, 2007, 42-43, 425-428.	1.3	17
70	Nature of cobalt active species in hydrodesulfurization catalysts: Combined support and preparation method effects. Journal of Molecular Catalysis A, 2007, 271, 238-245.	4.8	27
71	Metal-Support Interaction and Redox Behavior of Pt(1 wt %)/Ce _{0.6} Zr _{0.4} O ₂ . Journal of Physical Chemistry B, 2006, 110, 8731-8739.	1.2	29
72	Supported Co ₃ O ₄ -CeO ₂ monoliths: effect of preparation method and Pd-Pt promotion on the CO/CH ₄ oxidation activity. Studies in Surface Science and Catalysis, 2006, 162, 657-664.	1.5	3

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73	Effect of Ti(IV) loading on CO oxidation activity of gold on TiO ₂ doped amorphous silica. Applied Catalysis A: General, 2006, 310, 114-121.	2.2	51
74	Gold catalysts supported on CeO ₂ and CeO ₂ •Al ₂ O ₃ for NO _x reduction by CO. Applied Catalysis B: Environmental, 2006, 65, 101-109.	10.8	112
75	Co ₃ O ₄ /CeO ₂ composite oxides for methane emissions abatement: Relationship between Co ₃ O ₄ •CeO ₂ interaction and catalytic activity. Applied Catalysis B: Environmental, 2006, 66, 217-227.	10.8	419
76	Direct synthesis of methyl isobutyl ketone in gas-phase reaction over palladium-loaded hydroxyapatite. Journal of Catalysis, 2005, 232, 257-267.	3.1	52
77	A new cell for the study of in situ chemical reactions using X-ray absorption spectroscopy. Journal of Synchrotron Radiation, 2005, 12, 499-505.	1.0	13
78	Relationship between Structure and CO Oxidation Activity of Ceria-Supported Gold Catalysts. Journal of Physical Chemistry B, 2005, 109, 2821-2827.	1.2	272
79	Co ₃ O ₄ /CeO ₂ and Co ₃ O ₄ /CeO ₂ •ZrO ₂ composite catalysts for methane combustion: Correlation between morphology reduction properties and catalytic activity. Catalysis Communications, 2005, 6, 329-336.	1.6	155
80	Influence of the SMSI effect on the catalytic activity of a Pt(1%)/Ce _{0.6} Zr _{0.4} O ₂ catalyst: SAXS, XRD, XPS and TPR investigations. Applied Catalysis B: Environmental, 2004, 48, 133-149.	10.8	93
81	Structural and morphological investigation of a cobalt catalyst supported on alumina-baria: effects of redox treatments on the activity in the NO reduction by CO. Applied Catalysis B: Environmental, 2004, 52, 1-10.	10.8	43
82	Structural evolution of Pt/ceria•zirconia TWC catalysts during the oxidation of carbon monoxide. Journal of Solid State Chemistry, 2004, 177, 1268-1275.	1.4	22
83	Chromia on silica and zirconia oxides as recyclable oxidizing system: structural and surface characterization of the active chromium species for oxidation reaction. Catalysis Today, 2004, 91-92, 231-236.	2.2	31
84	Structural and morphological properties of Co•La catalysts supported on alumina/lanthana for hydrocarbon oxidation. Journal of Non-Crystalline Solids, 2004, 345-346, 620-623.	1.5	6
85	Title is missing!. Journal of Sol-Gel Science and Technology, 2003, 28, 119-132.	1.1	24
86	Title is missing!. Journal of Sol-Gel Science and Technology, 2003, 26, 235-240.	1.1	15
87	Effects of redox treatments on the structural composition of a ceria•zirconia oxide for application in the three-way catalysis. Applied Catalysis A: General, 2003, 240, 295-307.	2.2	87
88	CoO _x catalysts supported on alumina and alumina-baria: influence of the support on the cobalt species and their activity in NO reduction by C ₃ H ₆ in lean conditions. Applied Catalysis A: General, 2003, 245, 167-177.	2.2	121
89	Activity of SiO ₂ supported gold-palladium catalysts in CO oxidation. Applied Catalysis A: General, 2003, 251, 359-368.	2.2	165
90	Time-resolved X-ray powder diffraction on a three-way catalyst at the GILDA beamline. Journal of Synchrotron Radiation, 2003, 10, 177-182.	1.0	16