

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

109 papers	3,945 citations	39 h-index	57 g-index
109 ext. papers	4,588 ext. citations	5.9 avg, IF	5.81 L-index

#	Paper	IF	Citations
109	CO <sub>2</sub> Splitting via Two-Step Solar Thermochemical Cycles with Zn/ZnO and FeO/Fe <sub>3</sub> O <sub>4</sub> Redox Reactions: Thermodynamic Analysis. <i>Energy &amp; Fuels</i> , <b>2008</b> , 22, 3544-3550	4.1	128
108	La-promoted Ni-hydrotalcite-derived catalysts for dry reforming of methane at low temperatures. <i>Fuel</i> , <b>2016</b> , 182, 8-16	7.1	118
107	Photocatalytic degradation of methyl green dye in aqueous solution over natural clay-supported ZnO/TiO <sub>2</sub> catalysts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2016</b> , 315, 25-33	4.7	115
106	Ni-containing Ce-promoted hydrotalcite derived materials as catalysts for methane reforming with carbon dioxide at low temperature [On the effect of basicity. <i>Catalysis Today</i> , <b>2015</b> , 257, 59-65	5.3	113
105	Novel Ni-La-hydrotalcite derived catalysts for CO <sub>2</sub> methanation. <i>Catalysis Communications</i> , <b>2016</b> , 83, 5-8	3.2	112
104	Fast and reversible direct CO <sub>2</sub> capture from air onto all-polymer nanofibrillated cellulose-polyethylenimine foams. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 3167-74	10.3	100
103	Lanthanum Manganite Perovskites with Ca/Sr A-site and Al B-site Doping as Effective Oxygen Exchange Materials for Solar Thermochemical Fuel Production. <i>Energy Technology</i> , <b>2015</b> , 3, 1130-1142	3.5	95
102	Hybrid plasma-catalytic methanation of CO <sub>2</sub> at low temperature over ceria zirconia supported Ni catalysts. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 11584-11592	6.7	93
101	Enhanced catalytic stability through non-conventional synthesis of Ni/SBA-15 for methane dry reforming at low temperatures. <i>Applied Catalysis A: General</i> , <b>2015</b> , 504, 143-150	5.1	90
100	Methane dry reforming over hydrotalcite-derived Ni/Mg/Al mixed oxides: the influence of Ni content on catalytic activity, selectivity and stability. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 6705-6715	5.5	90
99	Low temperature dry methane reforming over Ce, Zr and CeZr promoted Ni/Mg/Al hydrotalcite-derived catalysts. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 11616-11623	6.7	90
98	CO <sub>2</sub> Splitting via Two-Step Solar Thermochemical Cycles with Zn/ZnO and FeO/Fe <sub>3</sub> O <sub>4</sub> Redox Reactions II: Kinetic Analysis. <i>Energy &amp; Fuels</i> , <b>2009</b> , 23, 2832-2839	4.1	89
97	Physico-chemical changes in Ca, Sr and Al-doped La-Mn-O perovskites upon thermochemical splitting of CO <sub>2</sub> via redox cycling. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 6629-34	3.6	84
96	A Short Review on the Catalytic Activity of Hydrotalcite-Derived Materials for Dry Reforming of Methane. <i>Catalysts</i> , <b>2017</b> , 7, 32	4	78
95	Fe-clay-plate as a heterogeneous catalyst in photo-Fenton oxidation of phenol as probe molecule for water treatment. <i>Applied Clay Science</i> , <b>2014</b> , 91-92, 46-54	5.2	75
94	Photocatalytic decolorization of cationic and anionic dyes over ZnO nanoparticle immobilized on natural Tunisian clay. <i>Applied Clay Science</i> , <b>2018</b> , 152, 148-157	5.2	74
93	Design Principles of Perovskites for Thermochemical Oxygen Separation. <i>ChemSusChem</i> , <b>2015</b> , 8, 1966-78	3.3	73

92	Promotion effect of zirconia on Mg(Ni,Al)O mixed oxides derived from hydrotalcites in CO <sub>2</sub> methane reforming. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 223, 36-46	21.8	73
91	The influence of nickel content on the performance of hydrotalcite-derived catalysts in CO <sub>2</sub> methanation reaction. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 23548-23555	6.7	68
90	Ammonia Production via a Two-Step Al <sub>2</sub> O <sub>3</sub> /AlN Thermochemical Cycle. 1. Thermodynamic, Environmental, and Economic Analyses. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2007</b> , 46, 2042-2046	3.8	68
89	Synthesis strategies of ceria-zirconia doped Ni/SBA-15 catalysts for methane dry reforming. <i>Catalysis Communications</i> , <b>2015</b> , 59, 108-112	3.2	67
88	Solar hydrogen production via a two-step thermochemical process based on MgO/Mg redox reactions—thermodynamic and kinetic analyses. <i>International Journal of Hydrogen Energy</i> , <b>2008</b> , 33, 2880-2890	6.7	62
87	Hydrogen production by thermo-catalytic decomposition of methane: Regeneration of active carbons using CO <sub>2</sub> . <i>Journal of Power Sources</i> , <b>2007</b> , 169, 103-109	8.9	61
86	Examination of the influence of La promotion on Ni state in hydrotalcite-derived catalysts under CO <sub>2</sub> methanation reaction conditions: Operando X-ray absorption and emission spectroscopy investigation. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 232, 409-419	21.8	58
85	Yttrium promoted Ni-based double-layered hydroxides for dry methane reforming. <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2018</b> , 27, 247-258	7.6	58
84	Low temperature hybrid plasma-catalytic methanation over Ni-Ce-Zr hydrotalcite-derived catalysts. <i>Catalysis Communications</i> , <b>2016</b> , 83, 14-17	3.2	54
83	Syngas production from dry methane reforming over yttrium-promoted nickel-KIT-6 catalysts. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 274-286	6.7	52
82	Influence of Operational Parameters in the Heterogeneous Photo-Fenton Discoloration of Wastewaters in the Presence of an Iron-Pillared Clay. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 16656-16665	3.9	49
81	Plasma DBD activated ceria-zirconia-promoted Ni-catalysts for plasma catalytic CO <sub>2</sub> hydrogenation at low temperature. <i>Catalysis Communications</i> , <b>2017</b> , 89, 73-76	3.2	48
80	Carbon-based catalytic briquettes for the reduction of NO: Effect of H <sub>2</sub> SO <sub>4</sub> and HNO <sub>3</sub> carbon support treatment. <i>Fuel</i> , <b>2008</b> , 87, 2058-2068	7.1	48
79	Ammonia Production via a Two-Step Al <sub>2</sub> O <sub>3</sub> /AlN Thermochemical Cycle. 2. Kinetic Analysis. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2007</b> , 46, 2047-2053	3.9	47
78	Influence of Ce/Zr molar ratio on catalytic performance of hydrotalcite-derived catalysts at low temperature CO <sub>2</sub> methane reforming. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 23556-23567	6.7	46
77	Towards an optimal synthesis route for the preparation of highly mesoporous carbon xerogel-supported Pt catalysts for the oxygen reduction reaction. <i>Applied Catalysis B: Environmental</i> , <b>2014</b> , 147, 947-957	21.8	44
76	Solar Aluminum Production by Vacuum Carbothermal Reduction of Alumina—thermodynamic and Experimental Analyses. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , <b>2011</b> , 42, 254-260	2.5	42
75	Mo-promoted Ni/Al <sub>2</sub> O <sub>3</sub> catalyst for dry reforming of methane. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 23500-23507	6.7	40

74	CO <sub>2</sub> splitting in an aerosol flow reactor via the two-step Zn/ZnO solar thermochemical cycle. <i>Chemical Engineering Science</i> , <b>2010</b> , 65, 1855-1864	4.4	40
73	TiO <sub>2</sub> /clay as a heterogeneous catalyst in photocatalytic/photochemical oxidation of anionic reactive blue 19. <i>Arabian Journal of Chemistry</i> , <b>2019</b> , 12, 1454-1462	5.9	40
72	The influence of lanthanum incorporation method on the performance of nickel-containing hydrotalcite-derived catalysts in CO <sub>2</sub> methanation reaction. <i>Catalysis Today</i> , <b>2018</b> , 307, 205-211	5.3	39
71	Oxygen-Functionalized Highly Mesoporous Carbon Xerogel Based Catalysts for Direct Methanol Fuel Cell Anodes. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 13045-13058	3.8	39
70	Influence of support oxygen functionalization on the activity of Pt/carbon xerogels catalysts for methanol electro-oxidation. <i>International Journal of Hydrogen Energy</i> , <b>2012</b> , 37, 7180-7191	6.7	36
69	Natural clay based nickel catalysts for dry reforming of methane: On the effect of support promotion (La, Al, Mn). <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 246-255	6.7	36
68	Ni/zeolite X derived from fly ash as catalysts for CO <sub>2</sub> methanation. <i>Fuel</i> , <b>2020</b> , 267, 117139	7.1	35
67	Sulfurized carbon xerogels as Pt support with enhanced activity for fuel cell applications. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 192, 260-267	21.8	35
66	Preparation of steam-activated carbons as catalyst supports. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2007</b> , 78, 301-315	6	34
65	Synthesis Gas Production via Dry Reforming of Methane over Manganese Promoted Nickel/Cerium-Zirconium Oxide Catalyst. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 16643-16654	3.9	34
64	Dry reforming of methane over Zr- and Y-modified Ni/Mg/Al double-layered hydroxides. <i>Catalysis Communications</i> , <b>2018</b> , 117, 26-32	3.2	33
63	Catalytic activity of hydrotalcite-derived catalysts in the dry reforming of methane: on the effect of Ce promotion and feed gas composition. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2017</b> , 121, 185-208	1.6	32
62	Catalytic filters for the simultaneous removal of soot and NO <sub>x</sub> : Influence of the alumina precursor on monolith washcoating and catalytic activity. <i>Catalysis Today</i> , <b>2012</b> , 191, 96-105	5.3	31
61	Towards new generation fuel cell electrocatalysts based on xerogel/nanofiber carbon composites. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 13713	13	30
60	Ammonia Production via a Two-Step Al <sub>2</sub> O <sub>3</sub> /AlN Thermochemical Cycle. 3. Influence of the Carbon Reducing Agent and Cyclability. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 2231-2237	3.9	30
59	Vanadium loaded carbon-based catalysts for the reduction of nitric oxide. <i>Applied Catalysis B: Environmental</i> , <b>2006</b> , 68, 130-138	21.8	30
58	Ni-Fe layered double hydroxide derived catalysts for non-plasma and DBD plasma-assisted CO <sub>2</sub> methanation. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 10423-10432	6.7	30
57	Ni/Al hydrotalcite-like material as the catalyst precursors for the dry reforming of methane at low temperature. <i>Comptes Rendus Chimie</i> , <b>2015</b> , 18, 1205-1210	2.7	29

56	Carbon-based catalysts: Synthesis and applications. <i>Comptes Rendus Chimie</i> , <b>2015</b> , 18, 1229-1241	2.7	29
55	Efficient removal of cadmium and 2-chlorophenol in aqueous systems by natural clay: Adsorption and photo-Fenton degradation processes. <i>Comptes Rendus Chimie</i> , <b>2018</b> , 21, 253-262	2.7	29
54	Mechanism of Zn Particle Oxidation by HO and CO in the Presence of ZnO. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 6486-6495	9.6	28
53	MnOx-CeO <sub>2</sub> mixed oxides as the catalyst for NO-assisted soot oxidation: The key role of NO adsorption/desorption on catalytic activity. <i>Applied Surface Science</i> , <b>2018</b> , 462, 678-684	6.7	27
52	Tailoring Synthesis Conditions of Carbon Xerogels towards Their Utilization as Pt-Catalyst Supports for Oxygen Reduction Reaction (ORR). <i>Catalysts</i> , <b>2012</b> , 2, 466-489	4	27
51	Photo-Fenton oxidation of phenol over a Cu-doped Fe-pillared clay. <i>Comptes Rendus Chimie</i> , <b>2015</b> , 18, 1161-1169	2.7	26
50	Sonocatalytic oxidation of EDTA in aqueous solutions over noble metal-free Co <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> catalyst. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 241, 570-577	21.8	25
49	Structure, surface and reactivity of activated carbon: From model soot to Bio Diesel soot. <i>Fuel</i> , <b>2019</b> , 257, 116038	7.1	23
48	Influence of the Synthesis Method for Pt Catalysts Supported on Highly Mesoporous Carbon Xerogel and Vulcan Carbon Black on the Electro-Oxidation of Methanol. <i>Catalysts</i> , <b>2015</b> , 5, 392-405	4	23
47	Production of AlN by Carbothermal and Methanothermal Reduction of Al <sub>2</sub> O <sub>3</sub> in a N <sub>2</sub> Flow Using Concentrated Thermal Radiation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2009</b> , 48, 528-533	3.9	22
46	Structure-reactivity study of model and Biodiesel soot in model DPF regeneration conditions. <i>Fuel</i> , <b>2019</b> , 239, 373-386	7.1	22
45	Ceria and zirconia modified natural clay based nickel catalysts for dry reforming of methane. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 23508-23516	6.7	21
44	Natural clay-based Ni-catalysts for dry reforming of methane at moderate temperatures. <i>Catalysis Today</i> , <b>2018</b> , 306, 51-57	5.3	21
43	Me (Cu, Co, V)-K/Al <sub>2</sub> O <sub>3</sub> supported catalysts for the simultaneous removal of soot and nitrogen oxides from diesel exhausts. <i>Chemical Engineering Science</i> , <b>2013</b> , 87, 75-90	4.4	20
42	N-Doped Carbon Xerogels as Pt Support for the Electro-Reduction of Oxygen. <i>Materials</i> , <b>2017</b> , 10,	3.5	19
41	Characterization and kinetic study of carbon-based briquettes for the reduction of NO. <i>Carbon</i> , <b>2006</b> , 44, 2399-2403	10.4	19
40	Plasma-catalytic hybrid process for CO <sub>2</sub> methanation: optimization of operation parameters. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2019</b> , 126, 629-643	1.6	19
39	Influence of the Alkali Promoter on the Activity and Stability of Transition Metal (Cu, Co, Fe) Based Structured Catalysts for the Simultaneous Removal of Soot and NO <sub>x</sub> . <i>Topics in Catalysis</i> , <b>2013</b> , 56, 493-498	2.3	18

38	Platinum Ruthenium Catalysts Supported on Carbon Xerogel for Methanol Electro-Oxidation: Influence of the Catalyst Synthesis Method. <i>ChemCatChem</i> , <b>2013</b> , 5, 3770-3780	5.2	18
37	Influence of synthesis parameters of SBA-15 supported palladium catalysts for methane combustion and simultaneous NOx reduction. <i>Microporous and Mesoporous Materials</i> , <b>2014</b> , 183, 1-8	5.3	17
36	Excess-methane dry and oxidative reforming on Ni-containing hydrotalcite-derived catalysts for biogas upgrading into synthesis gas. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 11981-11989	6.7	16
35	Low cost catalytic sorbents for NOx reduction. 3. NO reduction tests using NH3 as reducing agent. <i>Fuel</i> , <b>2004</b> , 83, 875-884	7.1	16
34	Novel carbon based catalysts for the reduction of NO: Influence of support precursors and active phase loading. <i>Catalysis Today</i> , <b>2008</b> , 137, 215-221	5.3	15
33	Low-cost carbon-based briquettes for the reduction of no emissions from medium-small stationary sources. <i>Catalysis Today</i> , <b>2007</b> , 119, 175-180	5.3	14
32	Electrocatalytic behaviour of CeZrOx-supported Ni catalysts in plasma assisted CO2 methanation. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 4532-4543	5.5	14
31	Nanostructured Carbon Materials as Supports in the Preparation of Direct Methanol Fuel Cell Electrocatalysts. <i>Catalysts</i> , <b>2013</b> , 3, 671-682	4	13
30	Effect of Biodiesel impurities (K, Na, P) on non-catalytic and catalytic activities of Diesel soot in model DPF regeneration conditions. <i>Fuel Processing Technology</i> , <b>2020</b> , 199, 106293	7.2	13
29	Tailoring carbon xerogels' properties to enhance catalytic activity of Pt catalysts towards methanol oxidation. <i>International Journal of Hydrogen Energy</i> , <b>2015</b> , 40, 14736-14745	6.7	11
28	Influence of gas hourly space velocity on the activity of monolithic catalysts for the simultaneous removal of soot and NOx. <i>Comptes Rendus Chimie</i> , <b>2015</b> , 18, 1007-1012	2.7	11
27	Titanium Dioxide Supported on Different Porous Materials as Photocatalyst for the Degradation of Methyl Green in Wastewaters. <i>Advances in Materials Science and Engineering</i> , <b>2015</b> , 2015, 1-10	1.5	11
26	Soot oxidation in the presence of NO over alumina-supported bimetallic catalysts KMe (Me=Cu, Co, V). <i>Catalysis Today</i> , <b>2011</b> , 176, 361-364	5.3	11
25	Coupling experiment and simulation analysis to investigate physical parameters of CO2 methanation in a plasma-catalytic hybrid process. <i>Plasma Processes and Polymers</i> , <b>2020</b> , 17, 1900261	3.4	10
24	Mg-promotion of Ni natural clay-supported catalysts for dry reforming of methane.. <i>RSC Advances</i> , <b>2018</b> , 8, 19627-19634	3.7	10
23	Low-cost carbon-based briquettes for the reduction of NO emissions: Optimal preparation procedure and influence in operating conditions. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2010</b> , 88, 80-90	6	9
22	Carbon based catalytic briquettes for the reduction of NO: Catalyst scale-up. <i>Catalysis Today</i> , <b>2008</b> , 137, 209-214	5.3	9
21	Operando FT-IR study on basicity improvement of Ni(Mg, Al)O hydrotalcite-derived catalysts promoted by glow plasma discharge. <i>Plasma Science and Technology</i> , <b>2019</b> , 21, 045503	1.5	9



20	PtRu Nanoparticles Deposited by the Sulfite Complex Method on Highly Porous Carbon Xerogels: Effect of the Thermal Treatment. <i>Catalysts</i> , <b>2013</b> , 3, 744-756	4	8
19	NiMo 2 C supported on alumina as a substitute for NiMo reduced catalysts supported on alumina material for dry reforming of methane. <i>Comptes Rendus Chimie</i> , <b>2018</b> , 21, 247-252	2.7	8
18	Heterogeneous TiO <sub>2</sub> /Fe-plate catalyst for the discoloration and mineralization of aqueous solutions of cationic and anionic dyes. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 13505-13517		7
17	Catalytic filters for the simultaneous removal of soot and NO <sub>x</sub> : Effect of CO <sub>2</sub> and steam on the exhaust gas of diesel engines. <i>Catalysis Today</i> , <b>2011</b> , 176, 134-138	5.3	7
16	Tailoring physicochemical and electrical properties of Ni/CeZrO <sub>x</sub> doped catalysts for high efficiency of plasma catalytic CO <sub>2</sub> methanation. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 294, 120233	21.8	6
15	Experimental investigation on the influence of the presence of alkali compounds on the performance of a commercial PtPd/Al <sub>2</sub> O <sub>3</sub> diesel oxidation catalyst. <i>Clean Technologies and Environmental Policy</i> , <b>2018</b> , 20, 715-725	4.3	5
14	Natural Hematite and Siderite as Heterogeneous Catalysts for an Effective Degradation of 4-Chlorophenol via Photo-Fenton Process. <i>ChemEngineering</i> , <b>2018</b> , 2, 29	2.6	5
13	On the influence of the alumina precursor in Fe-K/Al <sub>2</sub> O <sub>3</sub> structured catalysts for the simultaneous removal of soot and NO <sub>x</sub> : From surface properties to reaction mechanism. <i>Comptes Rendus Chimie</i> , <b>2014</b> , 17, 681-686	2.7	5
12	Nickel Supported Modified Ceria Zirconia Lanthanum/ Praseodymium/Yttrium Oxides Catalysts for Syngas Production through Dry Methane Reforming. <i>Materials Science Forum</i> , <b>2018</b> , 941, 2214-2219	0.4	5
11	New Approach for Understanding the Oxidation Stability of Neopolyol Ester Lubricants Using a Small-Scale Oxidation Test Method. <i>ACS Omega</i> , <b>2018</b> , 3, 10449-10459	3.9	5
10	Effect of Na and K impurities on the performance of Ni/CeZrO <sub>x</sub> catalysts in DBD plasma-catalytic CO <sub>2</sub> methanation. <i>Fuel</i> , <b>2021</b> , 306, 121639	7.1	5
9	Shock-induced cavitation as a way of accelerating phenol oxidation in aqueous media. <i>Chemical Engineering and Processing: Process Intensification</i> , <b>2017</b> , 112, 47-55	3.7	4
8	Alumina-Supported Ni-Mo Carbides as Promising Catalysts for CO <sub>2</sub> Methanation. <i>Modern Research in Catalysis</i> , <b>2017</b> , 06, 135-145	0.6	4
7	Novel Nickel- and Magnesium-Modified Cenospheres as Catalysts for Dry Reforming of Methane at Moderate Temperatures. <i>Catalysts</i> , <b>2019</b> , 9, 1066	4	4
6	Nickel Supported Modified Zirconia Catalysts for CO <sub>2</sub> Methanation in DBD Plasma Catalytic Hybrid Process. <i>Materials Science Forum</i> , <b>2016</b> , 894-899	0.4	3
5	Cesium as Alkali Promoter in Me-Ce (Me = Cu, Co, Fe)/ Al <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> /ZrO <sub>2</sub> Structured Catalysts for the Simultaneous Removal of Soot and NO <sub>x</sub> . <i>Modern Research in Catalysis</i> , <b>2013</b> , 02, 57-62	0.6	2
4	Physical and chemical characterization of shock-induced cavitation. <i>Ultrasonics Sonochemistry</i> , <b>2020</b> , 69, 105270	8.9	2
3	Nanooxides Derived from Hydrotalcites as Catalysts for Dry Methane Reforming Reaction - Effect of [Ni(EDTA)] <sub>2</sub> - Adsorption Time. <i>Materials Science Forum</i> , <b>2016</b> , 879, 396-401	0.4	0

- 2 Influence of the Alumina Precursor on the Activity of Structured Fe $\gamma$ /Al<sub>2</sub>O<sub>3</sub> Catalysts Towards the Simultaneous Removal of Soot and NO<sub>x</sub>. *Topics in Catalysis*, **2017**, 60, 355-360 2.3
- 1 Alternative ball-milling synthesis of vanadium-substituted polyoxometalates as catalysts for the aerobic cleavage of C-C and C-O bonds. *Dalton Transactions*, **2021**, 50, 12850-12859 4.3