

Joaquã-n L Brito

List of Publications by Year in descending order

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123
papers

3,221
citations

159585

30
h-index

168389

53
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125
all docs

125
docs citations

125
times ranked

3599
citing authors

#	ARTICLE	IF	CITATIONS
1	XPS characterization of vanadium carbide species formed during the atomization process in electrothermal atomic absorption spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 668-676.	3.0	6
2	An egg-shell bifunctional CeO ₂ -modified NiPd/Al ₂ O ₃ catalyst for petrochemical processes involving selective hydrogenation and hydroisomerization. <i>Journal of Rare Earths</i> , 2021, 39, 1382-1388.	4.8	3
3	Adsorption properties of novel layered titanium phosphate prepared from mesoporous titania by sol-gel processing. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 97, 431-440.	2.4	7
4	Generalized non-ideal treatment and growth rates analysis of drift waves instabilities in a collisions-free magnetized dusty plasma. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	3
5	Titanium-modified MCM-41 molecular sieves as efficient supports to increase the hydrogenation abilities of NiMoS and CoMoS catalysts. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 95, 340-349.	5.8	7
6	Heterogenization of Co(II)- and Cu(II)-complexes containing a terpyridine-based Schiff base macrocyclic ligand on thiol-functionalized mesostructured silica. <i>Journal of Organometallic Chemistry</i> , 2020, 908, 121073.	1.8	10
7	Pollutant reduction and catalytic upgrading of a Venezuelan extra-heavy crude oil with Al ₂ O ₃ -supported NiW catalysts: Effect of carburization, nitridation and sulfurization. <i>Fuel</i> , 2019, 235, 577-588.	6.4	14
8	Surface Recognition Directed Selective Removal of Dyes from Aqueous Solution on Hydrophilic Functionalized Petroleum Coke Sorbents. A Supramolecular Perspective. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 14761-14774.	3.7	8
9	Electron paramagnetic resonance study of electronic changes of vanadium in poisoned hydrodesulfurization catalysts submitted to oxidation, carbiding and nitriding processes. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 128, 935-947.	1.7	0
10	MCM-41-supported vanadium catalysts structurally modified with Al or Zr for thiophene hydrodesulfurization. <i>Applied Petrochemical Research</i> , 2019, 9, 47-55.	1.3	9
11	Caracterización por Microscopia Electrónica de Barrido del recubrimiento no electrolítico de níquel (Electroless Nickel) sobre piezas de hierro boronizado. <i>Revista UIS Ingenierías</i> , 2019, 18, 127-140.	0.2	0
12	Effect of fuel flow rate on the characteristics of soot generated from unsubstituted and disubstituted aromatic hydrocarbon flames: Experimental and numerical study. <i>Combustion and Flame</i> , 2018, 190, 224-239.	5.2	16
13	Effects of fuel-bound methyl groups and fuel flow rate in the diffusion flames of aromatic fuels on the formation of volatile PAHs. <i>Combustion and Flame</i> , 2018, 198, 412-427.	5.2	14
14	One-pot synthesis of Nb-modified Al ₂ O ₃ support for NiMo hydrodesulfurization catalysts. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 88, 90-99.	2.4	12
15	Promoting effect of ceria on the performance of NiPd/CeO ₂ -Al ₂ O ₃ catalysts for the selective hydrogenation of 1,3-butadiene in the presence of 1-butene. <i>New Journal of Chemistry</i> , 2018, 42, 11165-11173.	2.8	18
16	Modeling the interaction of molybdenum species adsorbed on a pyrolytic graphite platform and correlations with XPS spectra at different ETAAS stages. <i>Surface Science</i> , 2018, 677, 149-160.	1.9	1
17	Physicochemical properties of soot generated from toluene diffusion flames: Effects of fuel flow rate. <i>Combustion and Flame</i> , 2017, 178, 286-296.	5.2	53
18	An X-ray photoelectron spectroscopy study of the atomization of Mo from pyrolytic graphite platforms in Electrothermal Atomic Absorption Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 133, 1-8.	2.9	11

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19	Effect of the structural modification by carbiding of alumina supported Anderson-type $(\text{NH}_4)_4[\text{NiMo}_6\text{xWxO}_{24}\text{H}_6]\cdot 5\text{H}_2\text{O}$ on hydrodesulfurization, hydrodechlorination and selective oxidation. <i>Catalysis Communications</i> , 2017, 99, 89-93.	3.3	7
20	Selective hydrogenation of 1,3-butadiene in the presence of 1-butene under liquid phase conditions using structured catalysts. <i>Catalysis Today</i> , 2017, 289, 151-161.	4.4	16
21	Comparative theoretical study of Au ₁₋₃ and Cu ₁₋₃ clusters supported on SAPO-11 and their interactions with CO. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2017, 17, 89-96.	0.2	1
22	Selective hydrogenation of 1,3-butadiene in presence of 1-butene under liquid phase conditions with NiPd/Al ₂ O ₃ catalysts. <i>Applied Petrochemical Research</i> , 2016, 6, 379-387.	1.3	8
23	Effects of methyl group on aromatic hydrocarbons on the nanostructures and oxidative reactivity of combustion-generated soot. <i>Combustion and Flame</i> , 2016, 172, 1-12.	5.2	74
24	Synthesis and characterization of alumina-coated aluminum sponges manufactured by sintering and dissolution process as possible structured reactors. <i>Materials Chemistry and Physics</i> , 2016, 171, 216-221.	4.0	0
25	Remoción de plomo en soluciones acuosas empleando nanoaluminofosfatos amorfos. <i>Revista Ambiente & Água</i> , 2015, 10, .	0.3	3
26	Chitosan templated synthesis of strontium-iron-oxygen nanocrystalline system. <i>Ceramics International</i> , 2015, 41, 13250-13256.	4.8	4
27	CO ₂ corrosion resistance of carbon steel in relation with microstructure changes. <i>Materials Chemistry and Physics</i> , 2015, 156, 198-205.	4.0	58
28	The Carburization of Transition Metal Molybdates (M _x MoO ₄ , M=Cu, Ni or Co) and the Generation of Highly Active Metal/Carbide Catalysts for CO ₂ Hydrogenation. <i>Catalysis Letters</i> , 2015, 145, 1365-1373.	2.6	52
29	Microstructural study of FeMo/MgO catalysts prepared by sol-gel and co-impregnation and their relationship with the growth of carbon nanotubes. <i>Diamond and Related Materials</i> , 2015, 60, 35-41.	3.9	6
30	Evaluation of calcined hydrocalumite-type materials as supports of CoMo and NiMo for thiophene hydrodesulfuration reaction. <i>Materials Research</i> , 2014, 17, 823-828.	1.3	3
31	Theoretical study of small clusters Au ₅₋₆ on Au/SAPO-11 catalysts and their interactions with CO. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2014, 14, 45-52.	0.2	0
32	DFT study of the sulfidation pretreatment of molybdenum carbides in the hydrodechlorination reaction of chlorobenzene. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2014, 14, 169-177.	0.2	0
33	Sulfidability and thiophene hydrodesulfurization activity of supported NiMo carbides. <i>Catalysis Communications</i> , 2014, 53, 9-14.	3.3	16
34	Effect of H ₂ S inhibition on the hydrodechlorination of polychlorinated biphenyls over Mo/Al ₂ O ₃ and Co-Mo/Al ₂ O ₃ catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 111, 277-292.	1.7	0
35	Maya crude oil hydrotreating reaction in a batch reactor using alumina-supported NiMo carbide and nitride as catalysts. <i>Catalysis Today</i> , 2014, 220-222, 318-326.	4.4	21
36	Preparation of functionalized porous nano-Al ₂ O ₃ powders employing colophony extract. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2014, 4, 21-29.	4.4	63

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37	Catalytic wet air oxidation of oilfield produced wastewater containing refractory organic pollutants over copper/cerium-manganese oxide. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 112, 347-360.	1.7	7
38	Theoretical study of CO adsorption and oxidation on Au ₃ clusters supported on silico-aluminophosphates. <i>Computational and Theoretical Chemistry</i> , 2014, 1042, 69-83.	2.5	5
39	Garnierite: A new support for hydrodesulfurization catalysts. <i>Materials Letters</i> , 2014, 131, 269-271.	2.6	2
40	Effect of Hydrotreating Reaction Conditions on Viscosity, API Gravity and Specific Gravity of Maya Crude Oil. <i>Environmental Science and Engineering</i> , 2014, , 423-430.	0.2	1
41	Metallic monoliths of AISI 304 stainless steel, aluminum, FeCrAlloy® and brass, coated by Mo and W oxides for thiophene hydrodesulfurization. <i>Fuel</i> , 2013, 110, 235-248.	6.4	11
42	Synthesis of La _{0.8} Sr _{0.2} FeO ₃ perovskites nanocrystals by Pechini sol-gel method. <i>Materials Letters</i> , 2013, 107, 231-234.	2.6	30
43	Synthesis of Pt and Pt-Sn catalysts supported on H-Y zeolite induced by microwave radiation. <i>Microporous and Mesoporous Materials</i> , 2013, 170, 189-193.	4.4	11
44	Unsupported Molybdenum Carbide and Nitride Catalysts for Polychlorinated Biphenyls Hydrodechlorination. <i>Catalysis Letters</i> , 2013, 143, 1145-1152.	2.6	1
45	Mesoporous catalysts based on Keggin-type heteropolyacids supported on MCM-41 and their application in thiophene hydrodesulfurization. <i>Fuel</i> , 2013, 110, 249-258.	6.4	65
46	Template synthesis and characterization of mesoporous γ -Al ₂ O ₃ hollow nanorods using Stevia rebaudiana leaf aqueous extract. <i>Ceramics International</i> , 2013, 39, 4499-4506.	4.8	21
47	Novel MoO ₂ /carbon hierarchical nano/microcomposites: synthesis, characterization, solid state transformations and thiophene HDS activity. <i>Dalton Transactions</i> , 2013, 42, 2822-2830.	3.3	21
48	Biosynthesis of amorphous mesoporous aluminophosphates using yeast cells as templates. <i>Materials Research Bulletin</i> , 2013, 48, 730-738.	5.2	8
49	Atomic ratio effect on catalytic performance of FeW-based carbides and nitrides on thiophene hydrodesulfurization. <i>Fuel</i> , 2013, 110, 259-267.	6.4	22
50	NiMo/MCM-41 Catalysts for the Hydrotreatment of Polychlorinated Biphenyls. <i>Catalysis Letters</i> , 2013, 143, 93-100.	2.6	18
51	Influence of toluene on the catalytic activity of NiPdCe catalyst for selective hydrogenation of 1,3-butadiene. <i>Fuel</i> , 2013, 110, 76-82.	6.4	8
52	Modified cassava starches as potential corrosion inhibitors for sustainable development. <i>Materials Research</i> , 2013, 16, 1209-1219.	1.3	25
53	Application of 3A Zeolite Prepared from Venezuelan Kaolin for Removal of Pb (II) from Wastewater and Its Determination by Flame Atomic Absorption Spectrometry. <i>American Journal of Analytical Chemistry</i> , 2013, 04, 584-593.	0.9	37
54	Synthesis, characterization and hydrotreating activity of nanostructured systems on carbon supported vanadium. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2012, 107, 321-332.	1.7	2

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55	Catalytic Chemical Vapor Deposition Synthesis of Carbon Aerogels of High-Surface Area and Porosity. <i>Journal of Nanotechnology</i> , 2012, 2012, 1-5.	3.4	3
56	Theoretical study of small clusters Au ₃₋₄ on Au/SAPO-11 catalysts and their interactions with CO. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2012, 12, 391-396.	0.2	0
57	Nanocomposite building blocks of TiO ₂ @MWCNTf and ZrO ₂ @MWCNTf. <i>Materials Characterization</i> , 2012, 64, 96-106.	4.4	10
58	Relationship Between Sulfidation and HDS Catalytic Activity of Activated Carbon Supported Mo, Fe-Mo, Co-Mo and Ni-Mo Carbides. <i>Catalysis Letters</i> , 2010, 135, 212-218.	2.6	32
59	Microwave-assisted polyol synthesis of Pt/H-ZSM5 catalysts. <i>Microporous and Mesoporous Materials</i> , 2010, 131, 342-349.	4.4	13
60	Theoretical study of Au/SAPO-11 catalyst and its potential use in thiophene HDS. <i>Journal of Molecular Catalysis A</i> , 2010, 315, 28-34.	4.8	12
61	Effect of the activation process on thiophene hydrodesulfurization activity of activated carbon-supported bimetallic carbides. <i>Catalysis Today</i> , 2010, 149, 316-320.	4.4	27
62	Theoretical study of the CO catalytic oxidation on Au/SAPO-11 zeolite. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 2573-2582.	2.0	4
63	Preparação de nanopartículas de prata en ausencia de polimeros estabilizantes. <i>Quimica Nova</i> , 2010, 33, 1266-1269.	0.3	6
64	Theoretical study of the water effect on CO adsorbed over Au/SAPO-11 catalysts. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2009, 9, 281-287.	0.2	3
65	Preparation of γ -alumina ceramic foams employing hydrophilated polyester polyurethane sponges. <i>Journal of Materials Science</i> , 2009, 44, 4507-4509.	3.7	7
66	In-situ characterization of water-gas shift catalysts using time-resolved X-ray diffraction. <i>Catalysis Today</i> , 2009, 145, 188-194.	4.4	32
67	Theoretical study of olefin oxidation process on a dioxo Mo catalyst. <i>International Journal of Quantum Chemistry</i> , 2008, 108, 1674-1683.	2.0	4
68	MIBK from acetone on Pd/H-[Ga]ZSM5 catalysts: Effect of metal loading. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 627-632.	4.4	16
69	Synthesis and characterization of HPW/MCM-41 (Si) and HPW/MCM-41 (Si/Al) catalysts: Activity for toluene alkylation with 1-dodecene. <i>Catalysis Today</i> , 2008, 133-135, 20-27.	4.4	22
70	Preparation and characterization of bifunctional catalysts of the Pd, Pt/H-[Ga]MFI types. <i>Catalysis Today</i> , 2008, 133-135, 99-105.	4.4	7
71	Synthesis, characterization of FAU/EMT intergrowths and its catalytic performance in n-pentane hydroisomerization reaction. <i>Journal of Molecular Catalysis A</i> , 2008, 281, 164-172.	4.8	16
72	Effect of the type of precursor and the synthesis method on thiophene hydrodesulfurization activity of activated carbon supported Fe-Mo, Co-Mo and Ni-Mo carbides. <i>Journal of Molecular Catalysis A</i> , 2008, 281, 85-92.	4.8	54

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73	In Situ Time-Resolved Characterization of Ni ²⁺ /MoO ₂ Catalysts for the Water-Gas Shift Reaction. <i>Journal of Physical Chemistry C</i> , 2008, 112, 2121-2128.	3.1	18
74	Characterization of hdpe/ha Composites Treated with Titanate and Zirconate Coupling Agents. <i>Macromolecular Symposia</i> , 2007, 247, 190-198.	0.7	10
75	Influence of the acid sites density in the acetone transformation over bifunctional Pt/H[Ca]ZSM5 catalysts. <i>Microporous and Mesoporous Materials</i> , 2007, 102, 86-94.	4.4	9
76	Influence of activated carbon upon titania on aqueous photocatalytic consecutive runs of phenol photodegradation. <i>Applied Catalysis B: Environmental</i> , 2007, 70, 461-469.	20.2	141
77	X-ray photoelectron spectroscopy study of pyrolytically coated graphite platforms submitted to simulated electrothermal atomic absorption spectrometry conditions. <i>Applied Surface Science</i> , 2006, 252, 8695-8701.	6.1	7
78	Catalytic Wet Air Oxidation of Aqueous Solutions of Substituted Phenols. <i>Catalysis Letters</i> , 2006, 106, 81-88.	2.6	32
79	Methane Transformation in Presence of Carbon Dioxide on Activated Carbon Supported Nickel-calcium Catalysts. <i>Catalysis Letters</i> , 2006, 109, 163-169.	2.6	21
80	Catalytic effect of KOH on textural changes of carbon macro-networks by physical activation. <i>Journal of Molecular Catalysis A</i> , 2005, 228, 189-194.	4.8	28
81	Theoretical study of dimeric dioxo- μ_2 -oxo and oxo-bis (μ_2 -oxo) of molybdenum complexes used in catalytic oxidations reactions. <i>Catalysis Today</i> , 2005, 107-108, 388-396.	4.4	4
82	Characterization of bifunctional Pt/H[Ca]ZSM5 and Pt/H[Al]ZSM5 catalysts. <i>Journal of Molecular Catalysis A</i> , 2005, 227, 7-15.	4.8	30
83	Effect of the Supported Pt on the Migration of Structural Ga Toward the Surface of Catalysts of the Pt/H[Ca]ZSM5 Type. <i>Catalysis Letters</i> , 2004, 97, 105-109.	2.6	14
84	Topological organization and textural changes of carbon macro-networks submitted to activation with N ₂ and CO ₂ . <i>Journal of Materials Science</i> , 2004, 39, 3705-3716.	3.7	21
85	Vibrational frequencies of CO adsorbed on silica-supported Mo atoms from density functional calculations?: a re-interpretation of results reported by N. López, F. Illas, G. Pacchioni. <i>Journal of Molecular Catalysis A</i> , 2004, 214, 249-251.	4.8	0
86	Bismuth citrate in the quantification of inorganic phosphate and its utility in the determination of membrane-bound phosphatases. <i>Analytical Biochemistry</i> , 2004, 324, 79-83.	2.4	37
87	Comparison of vanadium carbide and nitride catalysts for hydrotreating. <i>Catalysis Communications</i> , 2004, 5, 79-82.	3.3	33
88	EBSD Crystallochemical Analysis of (W,V)C Cemented Carbides. <i>Microscopy and Microanalysis</i> , 2004, 10, 710-711.	0.4	1
89	Preparation and Characterization of Bifunctional Pt-Sn/H[Al]ZSM5 Catalysts. <i>Catalysis Letters</i> , 2003, 89, 99-104.	2.6	3
90	Theoretical calculations of silica supported Mo ₂ (η^3 -C ₃ H ₅) ₄ species. <i>Computational and Theoretical Chemistry</i> , 2003, 625, 59-70.	1.5	7

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91	Acetone transformation over PtSn/H[Al]ZSM5 catalysts. <i>Journal of Molecular Catalysis A</i> , 2003, 203, 277-286.	4.8	12
92	Reduction of CoMoO ₄ and NiMoO ₄ : in situ Time-Resolved XRD Studies. <i>Catalysis Letters</i> , 2002, 82, 103-109.	2.6	44
93	Parametric calculations of Mo-allyl complexes anchored on silica. <i>Journal of Molecular Catalysis A</i> , 2001, 168, 265-277.	4.8	5
94	Characterization of oxide catalysts using time-resolved XRD and XANES: Properties of pure and sulfided CoMoO ₄ and NiMoO ₄ . <i>Studies in Surface Science and Catalysis</i> , 2000, , 2795-2800.	1.5	7
95	Studies on the Behavior of Mixed-Metal Oxides: Structural, Electronic, and Chemical Properties of γ -FeMoO ₄ . <i>Journal of Physical Chemistry B</i> , 2000, 104, 8145-8152.	2.6	49
96	Phase transformations and electronic properties in mixed-metal oxides: Experimental and theoretical studies on the behavior of NiMoO ₄ and MgMoO ₄ . <i>Journal of Chemical Physics</i> , 2000, 112, 935-945.	3.0	111
97	Characterization of Mixed-Metal Oxides Using Synchrotron-Based Time-Resolved x-ray Diffraction and x-ray Absorption Spectroscopy. <i>Materials Research Society Symposia Proceedings</i> , 1999, 590, 113.	0.1	0
98	Reaction of H ₂ and H ₂ S with CoMoO ₄ and NiMoO ₄ : TPR, XANES, Time-Resolved XRD, and Molecular-Orbital Studies. <i>Journal of Physical Chemistry B</i> , 1999, 103, 770-781.	2.6	110
99	Probing silica-supported Mo ²⁺ by means of FT-IR of adsorbed CO. <i>Catalysis Letters</i> , 1998, 50, 169-172.	2.6	9
100	Title is missing!. <i>Catalysis Letters</i> , 1998, 51, 85-93.	2.6	41
101	Nature of Copper Active Sites in the Carbon Monoxide Oxidation on CuAl ₂ O ₄ and CuCr ₂ O ₄ Spinel Type Catalysts. <i>Journal of Catalysis</i> , 1998, 177, 82-95.	6.2	241
102	Effects of phase composition and of potassium promotion on cobalt molybdate catalysts for the synthesis of alcohols from CO ₂ and H ₂ . <i>Applied Catalysis A: General</i> , 1998, 172, 217-224.	4.3	28
103	HDS activity of carbon-supported Ni-Mo catalysts derived from thiomolybdate complexes. <i>Applied Catalysis A: General</i> , 1998, 173, 193-199.	4.3	29
104	Electronic Properties and Phase Transformations in CoMoO ₄ and NiMoO ₄ : XANES and Time-Resolved Synchrotron XRD Studies. <i>Journal of Physical Chemistry B</i> , 1998, 102, 1347-1355.	2.6	138
105	Effect of Phase Composition of the Oxidic Precursor on the HDS Activity of the Sulfided Molybdates of Fe(II), Co(II), and Ni(II). <i>Journal of Catalysis</i> , 1997, 171, 467-475.	6.2	153
106	Activated carbon supported Ni-Mo: effects of pretreatment and composition on catalyst reducibility and on ethylene conversion. <i>Applied Catalysis A: General</i> , 1997, 152, 27-42.	4.3	38
107	Thermal and reductive decomposition of ammonium thiomolybdates. <i>Thermochimica Acta</i> , 1995, 256, 325-338.	2.7	130
108	Nickel molybdate as precursor of HDS catalysts: Effect of phase composition. <i>Catalysis Letters</i> , 1994, 26, 329-337.	2.6	64

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109	Reducibility of Ni-Mo/Al ₂ O ₃ Catalysts: A TPR Study. <i>Journal of Catalysis</i> , 1993, 139, 540-550.	6.2	107
110	ESCA study of "model" allyl-based molybdenum/silica catalysts. <i>The Journal of Physical Chemistry</i> , 1993, 97, 5699-5702.	2.9	24
111	Detection of γ -NiMoO ₄ in oxidic nickel-molybdenum catalysts. <i>Applied Catalysis</i> , 1991, 72, L13-L15.	0.8	25
112	Structure and activity of NiCo ₂ /Mo/SiO ₂ hydrodesulfurization catalysts. <i>Journal of Catalysis</i> , 1991, 131, 385-393.	6.2	35
113	Surface copper enrichment by reduction of copper chromite catalyst employed for carbon monoxide oxidation. <i>Catalysis Letters</i> , 1990, 5, 45-54.	2.6	29
114	Temperature-programmed reduction of Ni-Mo oxides. <i>Journal of Materials Science</i> , 1989, 24, 425-431.	3.7	88
115	Catalytic effect on hydrogen sulphide generation from a tar sand. <i>Applied Catalysis</i> , 1989, 53, 81-87.	0.8	0
116	Development of a Copper Chromite Catalyst for Carbon Monoxide Automobile Emission Control. <i>Studies in Surface Science and Catalysis</i> , 1987, 30, 387-393.	1.5	3
117	Eight national meeting on catalysis. <i>Applied Catalysis</i> , 1987, 33, 253-254.	0.8	0
118	Characterization of supported MoO ₃ by temperature-programmed reduction. <i>Polyhedron</i> , 1986, 5, 179-182.	2.2	48
119	Comparative study of alumina-supported CuO and CuCr ₂ O ₄ as catalysts for CO oxidation. <i>Journal of Catalysis</i> , 1986, 102, 172-179.	6.2	88
120	The role of nickel in the initial transformations of hydrodesulfurization catalysts. <i>Journal of Catalysis</i> , 1985, 91, 64-68.	6.2	16
121	Carbon deposition and hydrodesulfurization activity of nickel-molybdenum supported catalysts. <i>Applied Catalysis</i> , 1985, 15, 333-338.	0.8	23
122	Acid strength distributions in the Mo γ -Al γ -Si and the Ni γ -Mo γ -Al oxide systems determined by ammonia adsorption. <i>Reaction Kinetics and Catalysis Letters</i> , 1984, 25, 5-10.	0.6	5
123	Relationship between the number and strength of the acid sites on solid surfaces using ammonia adsorption. <i>Journal of Catalysis</i> , 1980, 62, 157-160.	6.2	17