

Eva DÃ-az FernÃ;ndez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5724487/publications.pdf>

Version: 2024-02-01

128
papers

4,346
citations

94433

37
h-index

138484

58
g-index

130
all docs

130
docs citations

130
times ranked

4870
citing authors

#	ARTICLE	IF	CITATIONS
1	Aqueous-phase furfural-acetone aldol condensation over basic mixed oxides. <i>Applied Catalysis B: Environmental</i> , 2012, 113-114, 201-211.	20.2	184
2	Adsorption of CO ₂ on Hydrotalcite-Derived Mixed Oxides: Sorption Mechanisms and Consequences for Adsorption Irreversibility. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 3663-3671.	3.7	179
3	Ethanol catalytic condensation over Mg-Al mixed oxides derived from hydrotalcites. <i>Catalysis Today</i> , 2011, 164, 436-442.	4.4	163
4	Selective photocatalytic oxidation of 5-hydroxymethyl-2-furfural to 2,5-furandicarboxaldehyde in aqueous suspension of g-C ₃ N ₄ . <i>Applied Catalysis B: Environmental</i> , 2017, 204, 430-439.	20.2	156
5	Adsorption of volatile organic compounds onto carbon nanotubes, carbon nanofibers, and high-surface-area graphites. <i>Journal of Colloid and Interface Science</i> , 2007, 305, 7-16.	9.4	148
6	Adsorption of emerging pollutants on functionalized multiwall carbon nanotubes. <i>Chemosphere</i> , 2015, 136, 174-180.	8.2	88
7	Hydrotalcite-derived mixed oxides as catalysts for different C-C bond formation reactions from bioorganic materials. <i>Catalysis Today</i> , 2011, 167, 71-76.	4.4	83
8	Enhancement of the CO ₂ Retention Capacity of Y Zeolites by Na and Cs Treatments: Effect of Adsorption Temperature and Water Treatment. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 412-418.	3.7	82
9	Adsorption characterisation of different volatile organic compounds over alumina, zeolites and activated carbon using inverse gas chromatography. <i>Journal of Chromatography A</i> , 2004, 1049, 139-146.	3.7	80
10	Intracellular Delivery of an Antibody Targeting Gasdermin-B Reduces HER2 Breast Cancer Aggressiveness. <i>Clinical Cancer Research</i> , 2019, 25, 4846-4858.	7.0	79
11	Recent developments on the catalytic technologies for the transformation of biomass into biofuels: A patent survey. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 51, 273-287.	16.4	77
12	Effect of carbon nanofiber functionalization on the adsorption properties of volatile organic compounds. <i>Journal of Chromatography A</i> , 2008, 1188, 264-273.	3.7	76
13	Consequences of the iron-aluminium exchange on the performance of hydrotalcite-derived mixed oxides for ethanol condensation. <i>Applied Catalysis B: Environmental</i> , 2011, 102, 590-599.	20.2	75
14	Adsorption characterisation of different volatile organic compounds over alumina, zeolites and activated carbon using inverse gas chromatography. <i>Journal of Chromatography A</i> , 2004, 1049, 139-146.	3.7	69
15	Combustion of Methane in Lean Mixtures over Bulk Transition-Metal Oxides: Evaluation of the Activity and Self-Deactivation. <i>Energy & Fuels</i> , 2009, 23, 86-93.	5.1	69
16	Performance of basic mixed oxides for aqueous-phase 5-hydroxymethylfurfural-acetone aldol condensation. <i>Applied Catalysis B: Environmental</i> , 2017, 201, 221-231.	20.2	68
17	Selective photocatalytic oxidation of 5-hydroxymethylfurfural to 2,5-furandicarboxaldehyde by polymeric carbon nitride-hydrogen peroxide adduct. <i>Journal of Catalysis</i> , 2018, 359, 212-222.	6.2	68
18	Enhancement of the CO ₂ retention capacity of X zeolites by Na- and Cs-treatments. <i>Chemosphere</i> , 2008, 70, 1375-1382.	8.2	65

#	ARTICLE	IF	CITATIONS
19	Improvement on the Catalytic Performance of Mg ²⁺ /Zr Mixed Oxides for Furfural ²⁺ Acetone Aldol Condensation by Supporting on Mesoporous Carbons. <i>ChemSusChem</i> , 2013, 6, 463-473.	6.8	64
20	One ²⁺ pot Aldol Condensation and Hydrodeoxygenation of Biomass ²⁺ derived Carbonyl Compounds for Biodiesel Synthesis. <i>ChemSusChem</i> , 2014, 7, 2816-2820.	6.8	64
21	Carbon nanofibre-supported palladium catalysts as model hydrodechlorination catalysts. <i>Journal of Catalysis</i> , 2010, 272, 158-168.	6.2	60
22	Modification of the adsorption properties of high surface area graphites by oxygen functional groups. <i>Carbon</i> , 2008, 46, 2096-2106.	10.3	58
23	Aqueous Phase Conversion of Hexoses into 5-Hydroxymethylfurfural and Levulinic Acid in the Presence of Hydrochloric Acid: Mechanism and Kinetics. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 5221-5230.	3.7	58
24	Gas phase acetone self-condensation over unsupported and supported Mg ²⁺ /Zr mixed-oxides catalysts. <i>Applied Catalysis B: Environmental</i> , 2013, 142-143, 387-395.	20.2	56
25	Catalytic combustion of hexane over transition metal modified zeolites NaX and CaA. <i>Applied Catalysis B: Environmental</i> , 2005, 56, 313-322.	20.2	55
26	Oxidation of trichloroethene over metal oxide catalysts: Kinetic studies and correlation with adsorption properties. <i>Chemosphere</i> , 2007, 66, 1706-1715.	8.2	55
27	Hydrodeoxygenation of acetone ²⁺ furfural condensation adducts over alumina-supported noble metal catalysts. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 436-444.	20.2	54
28	Aqueous ²⁺ Phase Transformation of Glucose into Hydroxymethylfurfural and Levulinic Acid by Combining Homogeneous and Heterogeneous Catalysis. <i>ChemSusChem</i> , 2019, 12, 924-934.	6.8	51
29	Adsorption properties of a Pd/ ³⁺ Al ₂ O ₃ catalyst using inverse gas chromatography. <i>Microporous and Mesoporous Materials</i> , 2004, 70, 109-118.	4.4	47
30	Combustion of trichloroethylene and dichloromethane over protonic zeolites: Influence of adsorption properties on the catalytic performance. <i>Microporous and Mesoporous Materials</i> , 2006, 91, 161-169.	4.4	47
31	Selective photocatalytic oxidation of 5-hydroxymethyl-2-furfural in aqueous suspension of polymeric carbon nitride and its adduct with H ₂ O ₂ in a solar pilot plant. <i>Catalysis Today</i> , 2018, 315, 138-148.	4.4	47
32	Performance of alumina-supported noble metal catalysts for the combustion of trichloroethene at dry and wet conditions. <i>Applied Catalysis B: Environmental</i> , 2006, 64, 262-271.	20.2	45
33	Catalytic combustion of trichloroethene over Ru/Al ₂ O ₃ : Reaction mechanism and kinetic study. <i>Catalysis Communications</i> , 2006, 7, 945-949.	3.3	41
34	Performance of bifunctional Pd/M _x N _y O (M=Mg, Ca; N=Zr, Al) catalysts for aldolization ²⁺ hydrogenation of furfural ²⁺ acetone mixtures. <i>Catalysis Today</i> , 2011, 164, 451-456.	4.4	39
35	Preparation of nitrogen-containing carbon nanotubes and study of their performance as basic catalysts. <i>Applied Catalysis A: General</i> , 2013, 458, 155-161.	4.3	39
36	Consequences of Nitrogen Doping and Oxygen Enrichment on Titanium Local Order and Photocatalytic Performance of TiO ₂ Anatase. <i>Journal of Physical Chemistry C</i> , 2017, 121, 6770-6780.	3.1	39

#	ARTICLE	IF	CITATIONS
37	High-surface area graphites as supports for hydrodechlorination catalysts: Tuning support surface chemistry for an optimal performance. <i>Applied Catalysis B: Environmental</i> , 2010, 99, 181-190.	20.2	38
38	Performance of different carbonaceous materials for emerging pollutants adsorption. <i>Chemosphere</i> , 2015, 119, S124-S130.	8.2	38
39	Comparison of adsorption properties of a chemically activated and a steam-activated carbon, using inverse gas chromatography. <i>Microporous and Mesoporous Materials</i> , 2005, 82, 173-181.	4.4	37
40	Hemicellulose hydrolysis and hydrolytic hydrogenation over proton- and metal modified beta zeolites. <i>Microporous and Mesoporous Materials</i> , 2014, 189, 189-199.	4.4	37
41	A review of the adsorption-biological hybrid processes for the abatement of emerging pollutants: Removal efficiencies, physicochemical analysis, and economic evaluation. <i>Science of the Total Environment</i> , 2021, 780, 146554.	8.0	37
42	Benzylation of benzene over Fe-modified ZSM-5 zeolites: Correlation between activity and adsorption properties. <i>Applied Catalysis A: General</i> , 2005, 295, 106-115.	4.3	36
43	Base-catalyzed Condensation of Levulinic Acid: A New Biorefinery Upgrading Approach. <i>ChemCatChem</i> , 2016, 8, 1490-1494.	3.7	36
44	Evaluation of the potential of different high calorific waste fractions for the preparation of solid recovered fuels. <i>Waste Management</i> , 2016, 47, 164-173.	7.4	36
45	Homogeneous Oxidation Reactions of Propanediols at Low Temperatures. <i>ChemSusChem</i> , 2010, 3, 1063-1070.	6.8	35
46	Hydrolytic hydrogenation of hemicellulose over metal modified mesoporous catalyst. <i>Catalysis Today</i> , 2012, 196, 26-33.	4.4	35
47	Effect of hydrothermal ageing on the performance of Ce-promoted PdO/ZrO ₂ for methane combustion. <i>Catalysis Communications</i> , 2008, 9, 2291-2296.	3.3	34
48	Effect of carbonaceous supports on the Pd-catalyzed aqueous-phase trichloroethylene hydrodechlorination. <i>Applied Catalysis B: Environmental</i> , 2011, 104, 415-417.	20.2	33
49	Hydrodeoxygenation of furfural-acetone condensation adducts to tridecane over platinum catalysts. <i>Catalysis Today</i> , 2016, 269, 132-139.	4.4	33
50	Analysis of the mutational landscape of classic Hodgkin lymphoma identifies disease heterogeneity and potential therapeutic targets. <i>Oncotarget</i> , 2017, 8, 111386-111395.	1.8	33
51	Cyclopentanone as an Alternative Linking Reactant for Heterogeneously Catalyzed Furfural Aldol Condensation. <i>ChemCatChem</i> , 2017, 9, 1765-1770.	3.7	32
52	Consequences of MgO activation procedures on its catalytic performance for acetone self-condensation. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 796-804.	20.2	31
53	Economically Disadvantaged Urban Female Students Who Achieve in Schools. <i>Urban Review</i> , 1999, 31, 31-54.	1.6	30
54	Effect of sludge features and extraction-esterification technology on the synthesis of biodiesel from secondary wastewater treatment sludges. <i>Bioresource Technology</i> , 2018, 247, 209-216.	9.6	30

#	ARTICLE	IF	CITATIONS
55	Evaluation of different zeolites in their parent and protonated forms for the catalytic combustion of hexane and benzene. <i>Microporous and Mesoporous Materials</i> , 2005, 83, 292-300.	4.4	29
56	Effect of Au nanoparticles on the activity of TiO ₂ for ethanol upgrading reactions. <i>Applied Catalysis A: General</i> , 2018, 551, 23-33.	4.3	27
57	Effect of Substituents on Partial Photocatalytic Oxidation of Aromatic Alcohols Assisted by Polymeric C ₃ N ₄ . <i>ChemCatChem</i> , 2019, 11, 2713-2724.	3.7	27
58	Hydrogen adsorption on Pd-modified carbon nanofibres: Influence of CNF surface chemistry and impregnation procedure. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 4576-4581.	7.1	26
59	Characterization of Co, Fe and Mn-exchanged zeolites by inverse gas chromatography. <i>Journal of Chromatography A</i> , 2004, 1049, 161-169.	3.7	25
60	Improvement of the stability of basic mixed oxides used as catalysts for aldol condensation of bio-derived compounds by palladium addition. <i>Biomass and Bioenergy</i> , 2013, 56, 592-599.	5.7	25
61	Carbon and ecological footprints as tools for evaluating the environmental impact of coal mine ventilation air. <i>Ecological Indicators</i> , 2012, 18, 126-130.	6.3	24
62	Role of surface intermediates in the deactivation of Mg Zr mixed oxides in acetone self-condensation: A combined DRIFT and ex situ characterization approach. <i>Journal of Catalysis</i> , 2015, 329, 1-9.	6.2	24
63	Role of the support on the performance and stability of Pt-based catalysts for furfural acetone adduct hydrodeoxygenation. <i>Catalysis Science and Technology</i> , 2015, 5, 1473-1484.	4.1	24
64	Pre-concentration of nalidixic acid through adsorption-desorption cycles: Adsorbent selection and modeling. <i>Chemical Engineering Journal</i> , 2016, 283, 486-494.	12.7	24
65	Metal-Organic Frameworks (MOFs) as methane adsorbents: From storage to diluted coal mining streams concentration. <i>Science of the Total Environment</i> , 2021, 790, 148211.	8.0	24
66	Characterization of Co, Fe and Mn-exchanged zeolites by inverse gas chromatography. <i>Journal of Chromatography A</i> , 2004, 1049, 161-169.	3.7	23
67	Comparative study on the gas-phase adsorption of hexane over zeolites by calorimetry and inverse gas chromatography. <i>Journal of Chromatography A</i> , 2005, 1095, 131-137.	3.7	23
68	Characterization of ceria-zirconia mixed oxides as catalysts for the combustion of volatile organic compounds using inverse gas chromatography. <i>Journal of Chromatography A</i> , 2006, 1116, 230-239.	3.7	23
69	Evaluation of adsorption properties of zeolites using inverse gas chromatography: comparison with immersion calorimetry. <i>Thermochimica Acta</i> , 2005, 434, 9-14.	2.7	22
70	Influence of catalyst treatments on the adsorption properties of γ -Al ₂ O ₃ supported Pt, Rh and Ru catalysts. <i>Microporous and Mesoporous Materials</i> , 2005, 77, 245-255.	4.4	21
71	Tuning the selectivities of Mg-Al mixed oxides for ethanol upgrading reactions through the presence of transition metals. <i>Applied Catalysis A: General</i> , 2018, 559, 167-174.	4.3	21
72	Aldol Condensation of Biomass-Derived Levulinic Acid and Furfural over Acid Zeolites. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4371-4383.	6.7	21

#	ARTICLE	IF	CITATIONS
73	Adsorption of methane and nitrogen on Basolite MOFs: Equilibrium and kinetic studies. <i>Microporous and Mesoporous Materials</i> , 2020, 298, 110048.	4.4	21
74	Performance of carbon nanofibres, high surface area graphites, and activated carbons as supports of Pd-based hydrodechlorination catalysts. <i>Catalysis Today</i> , 2010, 150, 16-21.	4.4	20
75	Role of the surface intermediates in the stability of basic mixed oxides as catalyst for ethanol condensation. <i>Applied Catalysis A: General</i> , 2017, 542, 271-281.	4.3	20
76	Effect of sewage sludge composition on the susceptibility to spontaneous combustion. <i>Journal of Hazardous Materials</i> , 2019, 361, 267-272.	12.4	20
77	Consequences of cavity size and chemical environment on the adsorption properties of isorecticular metal-organic frameworks: An inverse gas chromatography study. <i>Journal of Chromatography A</i> , 2013, 1274, 173-180.	3.7	19
78	A new peroxy-route for the synthesis of Mg-Zr mixed oxides catalysts: Application in the gas phase acetone self-condensation. <i>Applied Catalysis A: General</i> , 2014, 477, 26-33.	4.3	19
79	Enhancement of the 1-butanol productivity in the ethanol condensation catalyzed by noble metal nanoparticles supported on Mg-Al mixed oxide. <i>Applied Catalysis A: General</i> , 2018, 563, 64-72.	4.3	19
80	Exceptional thermal stability of undoped anatase TiO ₂ photocatalysts prepared by a solvent-exchange method. <i>RSC Advances</i> , 2015, 5, 36634-36641.	3.6	18
81	Electrochemical degradation of naproxen from water by anodic oxidation with multiwall carbon nanotubes glassy carbon electrode. <i>Water Science and Technology</i> , 2019, 79, 480-488.	2.5	17
82	Preparation of carbon nanofibres supported palladium catalysts for hydrodechlorination reactions. <i>Catalysis Communications</i> , 2008, 9, 2080-2084.	3.3	16
83	Trichloroethylene Hydrodechlorination in Water Using Formic Acid as Hydrogen Source: Selection of Catalyst and Operation Conditions. <i>Environmental Progress and Sustainable Energy</i> , 2013, 32, 1217-1222.	2.3	16
84	Carbon nitride assisted chemoselective C-H bond photo-oxidation of alkylphenoxyethoxylates in water medium. <i>Green Chemistry</i> , 2017, 19, 4299-4304.	9.0	16
85	Transition metal-exchanged LTA zeolites as novel catalysts for methane combustion. <i>Catalysis Today</i> , 2010, 157, 425-431.	4.4	15
86	Enhancement of furfural-cyclopentanone aldol condensation using binary water-ethanol mixtures as solvent. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1563-1571.	3.2	15
87	Copper-Basic Sites Synergic Effect on the Ethanol Dehydrogenation and Condensation Reactions. <i>ChemCatChem</i> , 2018, 10, 3583-3592.	3.7	15
88	A hydrothermal peroxy method for preparation of highly crystalline silica-titania photocatalysts. <i>Journal of Colloid and Interface Science</i> , 2015, 444, 87-96.	9.4	14
89	Densification-Induced Structure Changes in Basolite MOFs: Effect on Low-Pressure CH ₄ Adsorption. <i>Nanomaterials</i> , 2020, 10, 1089.	4.1	14
90	Biodiesel production from wastewater sludge using exchange resins as heterogeneous acid catalyst: Catalyst selection and sludge pre-treatments. <i>Journal of Water Process Engineering</i> , 2021, 44, 102335.	5.6	14

#	ARTICLE	IF	CITATIONS
91	Regeneration of Pd/Al ₂ O ₃ catalysts used for tetrachloroethylene hydrodechlorination. <i>Reaction Kinetics and Catalysis Letters</i> , 2007, 90, 101-106.	0.6	13
92	A kinetic study of CO ₂ desorption from basic materials: Correlation with adsorption properties. <i>Chemical Engineering Journal</i> , 2011, 175, 341-348.	12.7	13
93	Consequences of cavity size and palladium addition on the selective hydrogen adsorption in isorecticular metal-organic frameworks. <i>Thermochimica Acta</i> , 2013, 567, 79-84.	2.7	13
94	Carbon Materials as Phase Transfer Promoters for Obtaining 5-Hydroxymethylfurfural from Cellulose in a Biphasic System. <i>ChemSusChem</i> , 2019, 12, 3769-3777.	6.8	13
95	A New Procedure for the Treatment of Organochlorinated Off-Gases Combining Adsorption and Catalytic Hydrodechlorination. <i>Environmental Science & Technology</i> , 2009, 43, 1999-2004.	10.0	12
96	Hydrocarbons adsorption on metal trimesate MOFs: Inverse gas chromatography and immersion calorimetry studies. <i>Thermochimica Acta</i> , 2015, 602, 36-42.	2.7	12
97	Optimization of the process conditions for minimizing the deactivation in the furfural-cyclopentanone aldol condensation in a continuous reactor. <i>Applied Catalysis B: Environmental</i> , 2020, 263, 118341.	20.2	12
98	Effect of pretreatments and catalytic route in the quality and productivity of biodiesel obtained from secondary sludge. <i>Biomass and Bioenergy</i> , 2021, 152, 106195.	5.7	12
99	Transformación de biomasa en biocombustibles de segunda generación. <i>Madera Bosques</i> , 2014, 20, 11-24.	0.2	12
100	Selective synthesis of γ -valerolactone from levulinic and formic acid over ZnAl mixed oxide. <i>Chemical Engineering Journal</i> , 2021, 414, 128902.	12.7	11
101	Methane separation from diluted mixtures by fixed bed adsorption using MOFs: Model validation and parametric studies. <i>Separation and Purification Technology</i> , 2020, 251, 117374.	7.9	10
102	From biomass to diesel additives: Hydrogenation of cyclopentanone-furfural aldol condensation adducts. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105328.	6.7	10
103	One-Pot Conversion of Acetone into Mesitylene over Combinations of Acid and Basic Catalysts. <i>ACS Catalysis</i> , 2021, 11, 11650-11662.	11.2	10
104	Effect of metal modification of titania and hydrogen co-feeding on the reaction pathways and catalytic stability in the acetone aldol condensation. <i>Journal of Catalysis</i> , 2019, 377, 133-144.	6.2	9
105	Determination of solubility parameters and thermodynamic properties in hydrocarbon-solvent systems by gas chromatography. <i>Brazilian Journal of Chemical Engineering</i> , 2007, 24, 293-306.	1.3	8
106	Photocatalytic degradation of 2-(4-methylphenoxy)ethanol over TiO ₂ spheres. <i>Journal of Hazardous Materials</i> , 2017, 332, 59-69.	12.4	8
107	Characterization of nanocarbons (nanotubes and nanofibers) by Inverse Gas Chromatography. <i>Journal of Physics: Conference Series</i> , 2007, 61, 904-908.	0.4	7
108	Electrochemical reduction of nalidixic acid at glassy carbon electrode modified with multi-walled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2017, 323, 621-631.	12.4	7

#	ARTICLE	IF	CITATIONS
109	Carbon nanotube modified glassy carbon electrode for electrochemical oxidation of alkylphenol ethoxylate. <i>Water Science and Technology</i> , 2018, 77, 2436-2444.	2.5	7
110	Inverse gas chromatography as a technique for the characterization of the performance of Mn/Zr mixed oxides as combustion catalysts. <i>Journal of Chromatography A</i> , 2009, 1216, 7873-7881.	3.7	6
111	Effect of catalyst morphology and hydrogen co-feeding on the acid-catalysed transformation of acetone into mesitylene. <i>Catalysis Science and Technology</i> , 2020, 10, 1356-1367.	4.1	6
112	A new strategy for upgrading ventilation air methane emissions combining adsorption and combustion in a lean-gas turbine. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 88, 103808.	4.4	6
113	Selectivity of Several Liquid Phases for the Separation of Pine Terpenes by Gas Chromatography. <i>Chromatographia</i> , 2004, 60, 573-578.	1.3	5
114	Determination of Metal Dispersion and Surface Acidity of a Pd/Al ₂ O ₃ Catalyst by Gas Chromatography. <i>Chromatographia</i> , 2005, 61, 285-290.	1.3	5
115	Cyclohexene Reactivity over Palladium Acetate Supported in Liquid Phase. <i>Catalysis Letters</i> , 2004, 96, 169-175.	2.6	4
116	Influence of nalidixic acid on tandem heterotrophic-autotrophic kinetics in a "NIPHO"-activated sludge reactor. <i>Chemosphere</i> , 2019, 218, 128-137.	8.2	4
117	Adsorbents selection for the enrichment of low-grade methane coal mine emissions by temperature and pressure swing adsorption technologies. <i>Journal of Natural Gas Science and Engineering</i> , 2022, 105, 104721.	4.4	4
118	Characterisation of Catalysts and Adsorbents by Inverse Gas Chromatography. <i>Springer Series in Materials Science</i> , 2013, , 521-542.	0.6	3
119	Combining the project-based learning methodology and computer simulation to enhance the engagement in the context of Environmental Engineering courses. <i>Computer Applications in Engineering Education</i> , 2020, 28, 1311-1326.	3.4	3
120	Hydrogenation and Dehydrogenation of Liquid Organic Hydrogen Carriers: A New Opportunity for Carbon-Based Catalysts. <i>Journal of Carbon Research</i> , 2022, 8, 7.	2.7	2
121	Enhancement of the activity of CaA zeolites as deep oxidation catalysts through transition metal ion exchange. <i>Studies in Surface Science and Catalysis</i> , 2005, , 1653-1660.	1.5	1
122	Inverse GC Investigation of the Adsorption of Thiophenic Compounds on Zeolites. <i>Chromatographia</i> , 2006, 64, 207-213.	1.3	1
123	An IGC Study of the Role of Washing Procedures on the Adsorption Properties of Activated Carbons. <i>Adsorption Science and Technology</i> , 2007, 25, 99-112.	3.2	1
124	Base-Catalyzed Reactions in Biomass Conversion: Reaction Mechanisms and Catalyst Deactivation. <i>Green Chemistry and Sustainable Technology</i> , 2016, , 87-122.	0.7	1
125	Micropollutants pre-concentration using adsorption-desorption cycles: application to chlorinated paraffins and alkyl-phenol derivatives. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1076-1084.	3.2	1
126	Biological absorption as main route for amoxicillin reduction and heterotrophic kinetic modeling in a "NIPHO"-bioreactor. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104775.	6.7	1

#	ARTICLE	IF	CITATIONS
127	PHYSICO CHEMICAL TREATMENT METHODS FUNDAMENTALS AND DESIGN GUIDELINES. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 1-38.	0.2	1
128	The Role of Heterogeneous Catalytic Processes in the Green Hydrogen Economy. Catalysts, 2021, 11, 1185.	3.5	0