

Joao Henrique Zimnoch Joao Henrique Z

List of Publications by Year in descending order

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229
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#	ARTICLE	IF	CITATIONS
1	Evaluation of the Cefalexin Drug Degradation Profile in Pharmaceutical Capsule Forms Based on Forced Degradation Studies. <i>Chromatographia</i> , 2022, 85, 263-279.	1.3	3
2	PEGylated and zwitterated silica nanoparticles as doxorubicin carriers applied in a breast cancer cell line: Effects on protein corona formation. <i>Journal of Drug Delivery Science and Technology</i> , 2022, , 103325.	3.0	1
3	Preparation and characterization of biochar from cement waste for removal of rhodamine B dye. <i>Journal of Material Cycles and Waste Management</i> , 2022, 24, 1333-1342.	3.0	6
4	Biocides and techniques for their encapsulation: a review. <i>Soft Matter</i> , 2022, 18, 5340-5358.	2.7	6
5	Green solvents for remediation technologies. , 2021, , 23-30.		1
6	Degradation of pharmaceuticals in wastewater matrices through solar light-driven photocatalyst prepared from petrochemical waste. <i>Environmental Science and Pollution Research</i> , 2021, 28, 24124-24137.	5.3	5
7	Amylases encapsulated in organosilane-modified silicas prepared by sol-gel: evaluation of starch saccharification. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 97, 340-350.	2.4	3
8	Metallocene encapsulated within a hybrid silica-polystyrene support. <i>Iranian Polymer Journal (English)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.4	2
9	Micro and nanodomains on structured silica/titania photocatalysts surface evaluated in RhB degradation: Effect of structural properties on catalytic efficiency. <i>Applied Surface Science Advances</i> , 2021, 3, 100055.	6.8	22
10	Agro and industrial residues: Potential raw materials for photocatalyst development. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 411, 113184.	3.9	15
11	Encapsulated bromocresol purple-based sensitive materials: The role of the nature and distribution of matrix layers on ammonia sensing performance. <i>Applied Surface Science Advances</i> , 2021, 4, 100078.	6.8	5
12	Evaluation of the effect of alginate matrices combination on insulin-secreting MIN-6 cell viability. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102569.	3.0	0
13	Nanomaterials to help eco-friendly leather processing. <i>Environmental Science and Pollution Research</i> , 2021, 28, 55905-55914.	5.3	2
14	Applications of ionic liquids in environmental remediation. , 2021, , 15-21.		1
15	Amylases immobilization by sol-gel entrapment: application for starch hydrolysis. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 94, 229-240.	2.4	10
16	Supported metallocenes produced by a non-hydrolytic sol-gel process: Application in ethylene polymerization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 584, 124020.	4.7	10
17	Hierarchical pore structure of zeolite/MCM obtained by supramolecular templating using ionic liquid (C16MIA-Cl) as the structure-directing agent. <i>Journal of Materials Science</i> , 2020, 55, 2343-2352.	3.7	3
18	Sulfur determination using the SiS diatomic molecule via HR-CS GF MAS and direct analysis of solid samples: A versatile method for different matrices. <i>Talanta</i> , 2020, 220, 121337.	5.5	1

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19	Zirconocene immobilization into organic-inorganic dual-shell silicas prepared by the nonhydrolytic sol-gel method for polyethylene production. <i>Journal of Catalysis</i> , 2020, 385, 30-43.	6.2	6
20	Comparative study on the influence of the content and functionalization of alginate matrices on K-562 cell viability and differentiation. <i>Journal of Materials Research</i> , 2020, 35, 1249-1261.	2.6	2
21	Acetate-catalyzed hydroboration of CO ₂ for the selective formation of methanol-equivalent products. <i>Catalysis Science and Technology</i> , 2020, 10, 2407-2414.	4.1	10
22	Hybrid sol-gel silica adsorbent material based on grape stalk applied to cationic dye removal. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13398.	2.3	11
23	An evaluation of <i>Acacia mearnsii</i> tannin as an aluminum corrosion inhibitor in acid, alkaline, and neutral media. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2020, 71, 1160-1174.	1.5	7
24	Hybrid nanosilicas produced by the Stober sol-gel process: In vitro evaluation in MRC-5 cells. <i>Journal of Non-Crystalline Solids</i> , 2020, 542, 120152.	3.1	10
25	Quantitative GC-FID and UHPLC-DAD Evaluation of Bioactive Compounds Extracted from Ginkgo biloba. <i>Current Analytical Chemistry</i> , 2020, 16, 893-904.	1.2	2
26	Sol-gel hybrid silicas as an useful tool to mercury removal. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103428.	6.7	4
27	Solvent-free synthesis of modified zeolites using hybrid silicas as raw material. <i>Microporous and Mesoporous Materials</i> , 2019, 290, 109684.	4.4	6
28	Organometal-catalyzed synthesis of high molecular weight poly-(l-lactic acid) with a covalently attached imidazolium salt: performance-enhanced reduced graphene oxide-PLLA biomaterials. <i>New Journal of Chemistry</i> , 2019, 43, 16367-16373.	2.8	6
29	Deactivation study of zirconocene immobilization into Lewis acid and dual-shell silicas prepared by a nonhydrolytic sol-gel method. <i>Journal of Catalysis</i> , 2019, 378, 226-237.	6.2	5
30	Silica-based adsorbent material with grape bagasse encapsulated by the sol-gel method for the adsorption of Basic Blue 41 dye. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103342.	6.7	31
31	Petrochemical residue-derived silica-supported titania-magnesium catalysts for the photocatalytic degradation of imidazolium ionic liquids in water. <i>Separation and Purification Technology</i> , 2019, 218, 191-199.	7.9	21
32	Silver nanoparticles encapsulated in silica: Synthesis, characterization and application as antibacterial fillers in the ethylene polymerization. <i>European Polymer Journal</i> , 2019, 117, 38-54.	5.4	19
33	Nanostructured Imprinted Supported Photocatalysts: Organic and Inorganic Matrixes. <i>Environmental Chemistry for A Sustainable World</i> , 2019, , 1-48.	0.5	1
34	Dry-gel process for zeolite synthesis: Some fundamental aspects. <i>Microporous and Mesoporous Materials</i> , 2019, 279, 92-98.	4.4	14
35	Silica-supported metallocene catalyst poisoning: The effect of surface modification on the efficiency of the catalytic system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 565, 36-46.	4.7	13
36	Chemically modified silica-based sensors: Effect of the nature of organosilane. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 798-808.	7.8	5

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37	Effect of the amount and time of addition of a dye template on the adsorption and photocatalytic performance of molecularly imprinted silica. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 190-196.	6.7	6
38	Hybrid sol-gel silica adsorbent materials synthesized by molecular imprinting for tannin removal. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 85, 446-457.	2.4	15
39	Color and fastness of natural dyes encapsulated by a sol-gel process for dyeing natural and synthetic fibers. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 86, 351-364.	2.4	22
40	Hybrid silica based catalysts prepared by the encapsulation of zirconocene compound via non-hydrolytic sol-gel method for ethylene polymerization. <i>Applied Catalysis A: General</i> , 2018, 560, 225-235.	4.3	19
41	Molecularly imprinted TiO ₂ photocatalysts for degradation of diclofenac in water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 538, 729-738.	4.7	62
42	Molecularly imprinted photocatalyst for glyceraldehyde production. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 88, 220-226.	2.4	4
43	Synthesis of polyethylene/silica-silver nanocomposites with antibacterial properties by in situ polymerization. <i>European Polymer Journal</i> , 2018, 106, 92-101.	5.4	17
44	Octadecyl-modified silicas obtained by non-hydrolytic condensation of a C18-hybrid silica sol on a silica surface. <i>Journal of Non-Crystalline Solids</i> , 2017, 466-467, 8-14.	3.1	7
45	Designing polyethylene characteristics by modification of the support for FI catalyst. <i>Molecular Catalysis</i> , 2017, 434, 1-6.	2.0	11
46	Imprinted silicas for paracetamol preconcentration prepared by the sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 83, 90-99.	2.4	7
47	Ecotechnological strategies in the development of alternative photocatalysts. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017, 6, 63-68.	5.9	16
48	Nanostructured bioactive compounds for ecological food packaging. <i>Environmental Chemistry Letters</i> , 2017, 15, 193-204.	16.2	54
49	Synthesis of hybrid zeolites using a solvent-free method in the presence of different organosilanes. <i>Microporous and Mesoporous Materials</i> , 2017, 241, 98-106.	4.4	22
50	Structural, textural and morphological characteristics of tannins from <i>Acacia mearnsii</i> encapsulated using sol-gel methods: Applications as antimicrobial agents. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 151, 26-33.	5.0	42
51	Antimicrobial activity of some natural extracts encapsulated within silica matrices. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 177-183.	5.0	9
52	Broadening molecular weight polyethylene distribution by tailoring the silica surface environment on supported metallocenes. <i>Applied Surface Science</i> , 2017, 393, 357-363.	6.1	15
53	Development of structured natural dyes for use into plastics. <i>Dyes and Pigments</i> , 2017, 136, 248-254.	3.7	49
54	Hybrid silicas/waterborne polyurethane composite properties: In situ formation vs. grafting methods. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 81, 505-513.	2.4	6

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55	Encapsulation of sensors for intelligent packaging. , 2017, , 111-145.		7
56	Alternative Approaches in Development of Heterogeneous Titania-Based Photocatalyst. , 2016, , .		1
57	Photocatalytic degradation of rhodamine B, paracetamol and diclofenac sodium by supported titania-based catalysts from petrochemical residue: effect of doping with magnesium. Water Science and Technology, 2016, 74, 2370-2383.	2.5	25
58	Smart Coatings for Corrosion Protection. , 2016, , 417-435.		2
59	Industrial and agroindustrial wastes: an echotechnological approach to the production of supported photocatalysts. Water Science and Technology, 2016, 73, 28-38.	2.5	18
60	Hybrid Thin Film Organosilica Solâ€“Gel Coatings To Support Neuronal Growth and Limit Astrocyte Growth. ACS Applied Materials & Interfaces, 2016, 8, 27553-27563.	8.0	14
61	Multitask Imidazolium Salt Additives for Innovative Poly(l -lactide) Biomaterials: Morphology Control, <i>Candida</i> spp. Biofilm Inhibition, Human Mesenchymal Stem Cell Biocompatibility, and Skin Tolerance. ACS Applied Materials & Interfaces, 2016, 8, 21163-21176.	8.0	23
62	Nanobiotechnology Methods to Incorporate Bioactive Compounds in Food Packaging. Sustainable Agriculture Reviews, 2016, , 27-58.	1.1	7
63	Foundry Sands as Supports for Heterogeneous Photocatalysts. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	10
64	Hybrid silica bearing different organosilanes produced by the modified St�ber method. Powder Technology, 2016, 301, 486-492.	4.2	30
65	Electrochemical and Catalytic Studies of a Supported Photocatalyst Produced from Petrochemical Residue in the Photocatalytic Degradation of Dexamethasone and Guaifenesin Drugs. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	15
66	Effect of SiCl 4 on the preparation of functionalized mixed-structure silica from monodisperse solâ€“gel silica nanoparticles. Chemical Engineering Journal, 2016, 292, 233-245.	12.7	18
67	Synthesis of molecularly imprinted photocatalysts containing low TiO 2 loading: Evaluation for the degradation of pharmaceuticals. Journal of Hazardous Materials, 2016, 306, 359-366.	12.4	43
68	Correlating the Morphological Properties and Structural Organization of Monodisperse Spherical Silica Nanoparticles Grown on a Commercial Silica Surface. ChemPhysChem, 2015, 16, 2981-2994.	2.1	9
69	Effect of a Solâ€“Gel Route on the Preparation of Silica-Based Sorbent Materials Synthesized by Molecular Imprinting for the Adsorption of Dyes. Industrial & Engineering Chemistry Research, 2015, 54, 254-262.	3.7	20
70	Waterborne polyurethane: the effect of the addition or in situ formation of silica on mechanical properties and adhesion. International Journal of Adhesion and Adhesives, 2015, 58, 13-20.	2.9	38
71	The influence of organophosphonic acid and conducting polymer on the adhesion and protection of epoxy coating on aluminium alloy. Progress in Organic Coatings, 2015, 88, 181-190.	3.9	19
72	Photocatalytic degradation of drugs by supported titania-based catalysts produced from petrochemical plant residue. Powder Technology, 2015, 279, 166-172.	4.2	39

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73	The sol-gel route effect on the preparation of molecularly imprinted silica-based materials for selective and competitive photocatalysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 486, 96-105.	4.7	14
74	Heterogeneous Catalysts for Olefin Polymerization: Mathematical Model for Catalyst Particle Fragmentation. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 11997-12010.	3.7	15
75	Improving the corrosion performance of hybrid sol-gel matrix by modification with phosphonic acid. <i>Progress in Organic Coatings</i> , 2015, 80, 49-58.	3.9	21
76	An assessment of the corrosion protection of AA2024-T3 treated with vinyltrimethoxysilane/(3-glycidyoxypropyl)trimethoxysilane. <i>Corrosion Science</i> , 2015, 92, 200-208.	6.6	35
77	Biodegradable Duo-functional Active Film: Antioxidant and Antimicrobial Actions for the Conservation of Beef. <i>Food and Bioprocess Technology</i> , 2015, 8, 75-87.	4.7	47
78	THE VERSATILITY OF COORDINATION COMPOUNDS IN POLYETHYLENE PRODUCTION: A REVIEW OF CATALYST SYSTEMS. <i>Quimica Nova</i> , 2014, , .	0.3	2
79	Biodiesel water in oil microemulsions: ferrocene as a hydrophobic probe for direct analysis by differential pulse voltammetry at a Pt ultramicroelectrode. <i>Analytical Methods</i> , 2014, 6, 9212-9219.	2.7	10
80	Effect of the sol-gel route on the textural characteristics of silica imprinted with Rhodamine B. <i>Journal of Separation Science</i> , 2014, 37, 868-875.	2.5	32
81	The Use of Duo-Functional PVC Film for Conservation of Minimally Processed Apples. <i>Food and Bioprocess Technology</i> , 2014, 7, 1483-1495.	4.7	8
82	Synthesis and characterization of SiO ₂ -CrO ₃ , SiO ₂ -MoO ₃ , and SiO ₂ -WO ₃ mixed oxides produced using the non-hydrolytic sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 69, 72-84.	2.4	26
83	Sol-gel hybrid films based on organosilane and montmorillonite for corrosion inhibition of AA2024. <i>Journal of Colloid and Interface Science</i> , 2014, 426, 308-313.	9.4	37
84	Attempts made to heterogenize MAO via encapsulation within silica through a non-hydrolytic sol-gel process. <i>Powder Technology</i> , 2014, 252, 56-64.	4.2	10
85	Hybrid silica generated <i>in situ</i> in polyurethane-based composites. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	4
86	Photocatalytic degradation of nicotine in an aqueous solution using unconventional supported catalysts and commercial ZnO/TiO ₂ under ultraviolet radiation. <i>Science of the Total Environment</i> , 2014, 494-495, 97-103.	8.0	27
87	The role of the sol-gel route on the interaction between rhodamine B and a silica matrix. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 72, 260-272.	2.4	6
88	Effects of the sol-gel route on the structural characteristics and antibacterial activity of silica-encapsulated gentamicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 510-517.	5.0	14
89	Tailored Silica-Antibiotic Nanoparticles: Overcoming Bacterial Resistance with Low Cytotoxicity. <i>Langmuir</i> , 2014, 30, 7456-7464.	3.5	97
90	Infrared and Raman spectroscopic characterization of some organic substituted hybrid silicas. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 619-625.	3.9	56

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91	The potential of chemical industrial and academic wastes as a source of supported photocatalysts. <i>Journal of Molecular Catalysis A</i> , 2014, 393, 125-133.	4.8	25
92	Nickel catalysts based on phenyl ether-pyrazol ligands: Synthesis, XPS study, and use in ethylene oligomerization. <i>Applied Catalysis A: General</i> , 2013, 453, 280-286.	4.3	33
93	The interaction of encapsulated pharmaceutical drugs with a silica matrix. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 422-429.	5.0	27
94	Rice Husk: Raw Material in the Catalyst Preparation for Advanced Oxidative Processes Applied in the Industrial Effluent Treatment and from Acid Drainage of a Mine. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	3
95	Selective silica-based sorbent materials synthesized by molecular imprinting for adsorption of pharmaceuticals in aqueous matrices. <i>Journal of Separation Science</i> , 2013, 36, 636-643.	2.5	29
96	Synthesis of ZK4 zeolite: An LTA-structured zeolite with a Si/Al ratio greater than 1. <i>Materials Letters</i> , 2013, 102-103, 87-90.	2.6	4
97	Encapsulated alizarin red species: The role of the sol-gel route on the interaction with silica matrix. <i>Powder Technology</i> , 2013, 237, 117-124.	4.2	14
98	A synergistic combination of tetraethylorthosilicate and multiphosponic acid offers excellent corrosion protection to AA1100 aluminum alloy. <i>Applied Surface Science</i> , 2013, 273, 758-768.	6.1	61
99	Direct production of ultra-high molecular weight polyethylene with oriented crystalline microstructures. <i>Journal of Molecular Catalysis A</i> , 2013, 366, 74-83.	4.8	24
100	Determination of the Network Structure of Sensor Materials Prepared by Three Different Sol-Gel Routes Using Fourier Transform Infrared Spectroscopy (FT-IR). <i>Applied Spectroscopy</i> , 2013, 67, 441-447.	2.2	15
101	Characterization of MAO-Modified Silicas for Ethylene Polymerization. <i>Journal of Applied Polymer Science</i> , 2013, 130, 4568-4575.	2.6	5
102	Study of the forced degradation of isoconazole nitrate in bulk drug and cream formulations. <i>Analytical Methods</i> , 2012, 4, 2404.	2.7	2
103	Dual-target sensors: the effect of the encapsulation route on pH measurements and ammonia monitoring. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 64, 209-218.	2.4	10
104	Silica imprinted materials containing pharmaceuticals as a template: textural aspects. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 64, 324-334.	2.4	21
105	Phosphonic acid/silica-based films: A potential treatment for corrosion protection. <i>Corrosion Science</i> , 2012, 60, 173-180.	6.6	43
106	The effects of partial replacement of TiCl ₄ by Ti(OR) ₄ on the performance of MgCl ₂ -supported Ziegler-Natta catalysts. <i>Applied Catalysis A: General</i> , 2012, 423-424, 69-77.	4.3	13
107	Corrosion behavior of AA2024-T3 alloy treated with phosphonate-containing TEOS. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 403-414.	2.5	33
108	Quantification of indicator content in silica-based pH solid sensors by diffuse reflectance spectroscopy. <i>Analytical Methods</i> , 2011, 3, 2416.	2.7	11

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109	Materiais SiO ₂ -TiO ₂ para a degradação fotocatalítica de diuron. <i>Quimica Nova</i> , 2011, 34, 1343-1348.	0.3	3
110	Desenvolvimento de métodos de análise por CLAE-UV para os antimicrobianos tetraciclina, sulfametoxazol e trimetoprima utilizando materiais à base de sílica como sistemas de pré-concentração. <i>Quimica Nova</i> , 2011, 34, 206-212.	0.3	7
111	On the interaction of encapsulated pH indicator species within a silica matrix produced by three sol-gel routes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 392, 256-263.	4.7	10
112	Sol-gel preparation of aminopropyl-silica-magnesia hybrid materials. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 59, 135-144.	2.4	8
113	Polymerization of ethylene: Some aspects of metallocene catalyst stabilization under homogeneous and heterogeneous reaction conditions. <i>Journal of Applied Polymer Science</i> , 2011, 119, 3051-3057.	2.6	14
114	Carbon dioxide conversion to dimethyl carbonate: The effect of silica as support for SnO ₂ and ZrO ₂ catalysts. <i>Comptes Rendus Chimie</i> , 2011, 14, 780-785.	0.5	24
115	Catalisadores metallocênicos suportados para a produção de poliolefinas: revisão das estratégias de imobilização. <i>Quimica Nova</i> , 2011, 34, 646-657.	0.3	3
116	Catalytic photodegradation of dyes by in situ zeolite-supported titania. <i>Chemical Engineering Journal</i> , 2010, 158, 505-512.	12.7	43
117	Silica-magnesia mixed oxides prepared by a modified Stober route: Structural and textural aspects. <i>Powder Technology</i> , 2010, 198, 337-346.	4.2	6
118	Effect of textural characteristics of supported metallocenes on ethylene polymerization. <i>Journal of Materials Science</i> , 2010, 45, 1760-1768.	3.7	13
119	Metal and hydrocarbon behavior in sediments from Brazilian shallow waters drilling activities using nonaqueous drilling fluids (NAFs). <i>Environmental Monitoring and Assessment</i> , 2010, 167, 33-47.	2.7	7
120	Polymerization of ethylene by supported zirconium alkoxide complex. <i>Journal of Applied Polymer Science</i> , 2010, 118, 1561-1566.	2.6	0
121	Stabilization and solidification of Pb in cement matrices. <i>Journal of Hazardous Materials</i> , 2010, 179, 507-514.	12.4	63
122	Microporous and mesoporous supports and their effect on the performance of supported metallocene catalysts. <i>Journal of Molecular Catalysis A</i> , 2010, 315, 213-220.	4.8	22
123	The effect of the sol-gel route on the characteristics of acid-base sensors. <i>Sensors and Actuators B: Chemical</i> , 2010, 151, 169-176.	7.8	26
124	Metallocene catalyst supported on silica-magnesia xerogels for ethylene polymerization. <i>Applied Catalysis A: General</i> , 2010, 382, 106-114.	4.3	11
125	Metallocene supported on a polyhedral oligomeric silsesquioxane-modified silica: Structural characterization and catalytic activity for ethylene polymerization. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5938-5944.	2.3	7
126	Bentonites impregnated with TiO ₂ for photodegradation of methylene blue. <i>Applied Clay Science</i> , 2010, 48, 602-606.	5.2	63

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127	Characterization and evaluation of supported η^5 -dimethylsilylenebis(indenyl)zirconium dichloride on ethylene polymerization. <i>Journal of Applied Polymer Science</i> , 2009, 112, 563-571.	2.6	7
128	Modified-sorbents for acetone adsorption: Application in ethylene polymerization process. <i>Chemical Engineering Journal</i> , 2009, 147, 383-390.	12.7	6
129	An investigation on structure and texture of silica-magnesia xerogels. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 51, 70-77.	2.4	25
130	Combining silica-based adsorbents and SPME fibers in the extraction of the volatiles of beer: an exploratory study. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 549-556.	3.7	14
131	Effect of the silica texture on the structure of supported metallocene catalysts. <i>Journal of Molecular Catalysis A</i> , 2009, 298, 40-50.	4.8	20
132	Determination of metals by total reflection X-ray fluorescence and evaluation of toxicity of a river impacted by coal mining in the south of Brazil. <i>Journal of Hazardous Materials</i> , 2009, 163, 531-537.	12.4	55
133	Photodegradation of methylene blue by in situ generated titania supported on a NaA zeolite. <i>Applied Catalysis A: General</i> , 2009, 357, 125-134.	4.3	52
134	Immobilization of zirconocene within silica-tungsten by entrapment: Tuning electronic effects of the support on the supported complex. <i>Applied Catalysis A: General</i> , 2009, 370, 114-122.	4.3	12
135	Immobilization of metallocene within silica-titania by a non-hydrolytic sol-gel method. <i>Applied Catalysis A: General</i> , 2009, 354, 88-101.	4.3	20
136	The Role of the Support in the Performance of Grafted Metallocene Catalysts. <i>Macromolecular Reaction Engineering</i> , 2009, 3, 139-147.	1.5	9
137	Um novo procedimento de síntese da zeólita A empregando argilas naturais. <i>Quimica Nova</i> , 2009, 32, 21-25.	0.3	19
138	Octadecylsilane-modified silicas in the adsorption of toluene. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2673-2681.	3.7	6
139	Adsorbents for acetone in cyclohexane effluent employed in Ziegler-Natta catalyst process. <i>Adsorption</i> , 2008, 14, 805-813.	3.0	5
140	Structural and electronic effects in metallocene catalysts studied by X-ray techniques. <i>X-Ray Spectrometry</i> , 2008, 37, 615-624.	1.4	7
141	XPS and EXAFS characterization of Ziegler-Natta catalyst systems. <i>Journal of Applied Polymer Science</i> , 2008, 109, 1675-1683.	2.6	9
142	Thermal decomposition studies of the polyhedral oligomeric silsesquioxane, POSSh, and when it is impregnated with the metallocene bis(1-5-cyclopentadienyl)zirconium (IV) dichloride or immobilized on silica. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 45-52.	3.9	5
143	Metallocenes in ethylene polymerization studied by cyclic and differential pulse voltammetry. <i>Applied Catalysis A: General</i> , 2008, 344, 98-106.	4.3	16
144	Mass transfer in olefin polymerization: estimative of macro- and microscale diffusion coefficients through the swollen polymer. <i>Chemical Engineering Science</i> , 2008, 63, 3727-3739.	3.8	10

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145	Thermal stability of octadecylsilane hybrid silicas prepared by grafting and sol-gel methods. <i>Thermochimica Acta</i> , 2008, 469, 91-97.	2.7	11
146	Zeolite NaA from Brazilian chrysotile and rice husk. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 548-554.	4.4	53
147	Metallocene Combinations in Ethylene Polymerization: A Cyclic and Differential Pulse Voltammetry Study. <i>Macromolecular Reaction Engineering</i> , 2008, 2, 253-264.	1.5	5
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