Gloria Berlier

List of Publications by Year
in descending order

162 papers	7,759 citations	53794 45 h-index	58581 82 g-index
167 all docs	167 docs citations	167 times ranked	8843 citing authors

#	Article	IF	Citations
1	Hyaluronated and PEGylated Liposomes as a Potential Drug-Delivery Strategy to Specifically Target Liver Cancer and Inflammatory Cells. Molecules, 2022, 27, 1062.	3.8	14
2	Nanotechnological approaches for pentamidine delivery. Drug Delivery and Translational Research, 2022, 12, 1911-1927.	5.8	8
3	SO₂ Poisoning of Cu-CHA deNO_{<i>x</i>} Catalyst: The Most Vulnerable Cu Species Identified by X-ray Absorption Spectroscopy. Jacs Au, 2022, 2, 787-792.	7.9	10
4	Assessing the Influence of Zeolite Composition on Oxygen-Bridged Diamino Dicopper(II) Complexes in Cu-CHA DeNO_{<i>x</i>} Catalysts by Machine Learning-Assisted X-ray Absorption Spectroscopy. Journal of Physical Chemistry Letters, 2022, 13, 6164-6170.	4.6	10
5	Improving the tolerance to alkali and alkaline earth metal chlorides of WO3 and Nb2O5 promoted V2O5/TiO2 catalysts for the NH3-SCR reaction. Fuel, 2022, 328, 125262.	6.4	10
6	Improving the electrocatalytic performance of sustainable Co/carbon materials for the oxygen evolution reaction by ultrasound and microwave assisted synthesis. Sustainable Energy and Fuels, 2021, 5, 720-731.	4.9	21
7	Nanomedicine for Gene Delivery and Drug Repurposing in the Treatment of Muscular Dystrophies. Pharmaceutics, 2021, 13, 278.	4.5	17
8	Copper(0) nanoparticle catalyzed <i>Z</i>â€Selective Transfer Semihydrogenation of Internal Alkynes. Advanced Synthesis and Catalysis, 2021, 363, 2850-2860.	4.3	6
9	Liposomes Loaded with Everolimus and Coated with Hyaluronic Acid: A Promising Approach for Lung Fibrosis. International Journal of Molecular Sciences, 2021, 22, 7743.	4.1	9
10	Developing Actively Targeted Nanoparticles to Fight Cancer: Focus on Italian Research. Pharmaceutics, 2021, 13, 1538.	4.5	6
11	Investigating the role of Cu-oxo species in Cu-nitrate formation over Cu-CHA catalysts. Physical Chemistry Chemical Physics, 2021, 23, 18322-18337.	2.8	14
12	In situ X-ray absorption study of Cu species in Cu-CHA catalysts for NH3-SCR during temperature-programmed reduction in NO/NH3. Research on Chemical Intermediates, 2021, 47, 357-375.	2.7	7
13	Extracellular Matrix Composition Modulates the Responsiveness of Differentiated and Stem Pancreatic Cancer Cells to Lipophilic Derivate of Gemcitabine. International Journal of Molecular Sciences, 2021, 22, 29.	4.1	14
14	Nanotechnology Addressing Cutaneous Melanoma: The Italian Landscape. Pharmaceutics, 2021, 13, 1617.	4.5	11
15	Supramolecular functionalization of carbon nano-onions with hyaluronic acid-phospholipid conjugates for selective targeting of cancer cells. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110779.	5.0	35
16	Pentamidine-Loaded Lipid and Polymer Nanocarriers as Tunable Anticancer Drug Delivery Systems. Journal of Pharmaceutical Sciences, 2020, 109, 1297-1302.	3.3	13
17	Location and activity of VOx species on TiO2 particles for NH3-SCR catalysis. Applied Catalysis B: Environmental, 2020, 278, 119337.	20.2	50
18	Structure and Reactivity of Oxygen-Bridged Diamino Dicopper(II) Complexes in Cu-Ion-Exchanged Chabazite Catalyst for NH₃-Mediated Selective Catalytic Reduction. Journal of the American Chemical Society, 2020, 142, 15884-15896.	13.7	110

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19	Effects of the Molecular Weight of Hyaluronic Acid in a Carbon Nanotube Drug Delivery Conjugate. Frontiers in Chemistry, 2020, 8, 578008.	3.6	17
20	Î²-Cyclodextrin-Silica Hybrid: A Spatially Controllable Anchoring Strategy for Cu(II)/Cu(I) Complex Immobilization. Catalysts, 2020, 10, 1118.	3.5	3
21	Properties of Iron-Modified-by-Silver Supported on Mordenite as Catalysts for NOx Reduction. Catalysts, 2020, 10, 1156.	3.5	7
22	EXAFS wavelet transform analysis of Cu-MOR zeolites for the direct methane to methanol conversion. Physical Chemistry Chemical Physics, 2020, 22, 18950-18963.	2.8	35
23	Evaluation of the Bactericidal Activity of a Hyaluronic Acid-Vehicled Clarithromycin Antibiotic Mixture by Confocal Laser Scanning Microscopy. Applied Sciences (Switzerland), 2020, 10, 761.	2.5	1
24	Exploiting Lipid and Polymer Nanocarriers to Improve the Anticancer Sonodynamic Activity of Chlorophyll. Pharmaceutics, 2020, 12, 605.	4.5	6
25	Comparing the Nature of Active Sites in Cu-loaded SAPO-34 and SSZ-13 for the Direct Conversion of Methane to Methanol. Catalysts, 2020, 10, 191.	3.5	16
26	Evaluation of the Bactericidal Activity of a Hyaluronic Acid-Vehicled Clarithromycin Antibiotic Mixture by Confocal Laser Scanning Microscopy. Applied Sciences (Switzerland), 2020, 10, 761.	2.5	4
27	Evolution of active sites during selective oxidation of methane to methanol over Cu-CHA and Cu-MOR zeolites as monitored by operando XAS. Catalysis Today, 2019, 333, 17-27.	4.4	61
28	Zeolite Surface Methoxy Groups as Key Intermediates in the Stepwise Conversion of Methane to Methanol. ChemCatChem, 2019, 11, 5022-5026.	3.7	45
29	Sonochemically-Promoted Preparation of Silica-Anchored Cyclodextrin Derivatives for Efficient Copper Catalysis. Molecules, 2019, 24, 2490.	3.8	16
30	Fe Speciation in Iron Modified Natural Zeolites as Sustainable Environmental Catalysts. Catalysts, 2019, 9, 866.	3.5	5
31	Hyaluronic Acidâ€“Decorated Liposomes as Innovative Targeted Delivery System for Lung Fibrotic Cells. Molecules, 2019, 24, 3291.	3.8	33
32	Uptake and intracellular fate of biocompatible nanocarriers in cycling and noncycling cells. Nanomedicine, 2019, 14, 301-316.	3.3	17
33	Evidence of Mixedâ€Ligand Complexes in Cuâˆ’CHA by Reaction of Cu Nitrates with NO/NH₃ at Low Temperature. ChemCatChem, 2019, 11, 3828-3838.	3.7	30
34	Temperature-programmed reduction with NO as a characterization of active Cu in Cu-CHA catalysts for NH₃-SCR. Catalysis Science and Technology, 2019, 9, 2608-2619.	4.1	17
35	Dynamic CuII/CuI speciation in Cu-CHA catalysts by in situ Diffuse Reflectance UVâ€“vis-NIR spectroscopy. Applied Catalysis A: General, 2019, 578, 1-9.	4.3	57
36	Cu-Exchanged Ferrierite Zeolite for the Direct CH4 to CH3OH Conversion: Insights on Cu Speciation from X-Ray Absorption Spectroscopy. Topics in Catalysis, 2019, 62, 712-723.	2.8	9

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37	Uptake and intracellular distribution of different types of nanoparticles in primary human myoblasts and myotubes. International Journal of Pharmaceutics, 2019, 560, 347-356.	5.2	21
38	Temperature-dependent dynamics of NH₃-derived Cu species in the Cu-CHA SCR catalyst. Reaction Chemistry and Engineering, 2019, 4, 1067-1080.	3.7	42
39	Understanding and Optimizing the Performance of Cuâ€FER for The Direct CH₄ to CH₃OH Conversion. ChemCatChem, 2019, 11, 621-627.	3.7	29
40	The impact of reaction conditions and material composition on the stepwise methane to methanol conversion over Cu-MOR: An operando XAS study. Catalysis Today, 2019, 336, 99-108.	4.4	26
41	Characterisation and possible hazard of an atypical asbestiform sepiolite associated with aliphatic hydrocarbons from Sassello, Ligurian Apennines, Italy. Mineralogical Magazine, 2019, 83, 209-222.	1.4	1
42	Hyaluronated mesoporous silica nanoparticles for active targeting: influence of conjugation method and hyaluronic acid molecular weight on the nanovector properties. Journal of Colloid and Interface Science, 2018, 516, 484-497.	9.4	33
43	High Zn/Al ratios enhance dehydrogenation vs hydrogen transfer reactions of Zn-ZSM-5 catalytic systems in methanol conversion to aromatics. Journal of Catalysis, 2018, 362, 146-163.	6.2	120
44	Characterization of Metal Centers in Zeolites for Partial Oxidation Reactions. Structure and Bonding, 2018, , 91-154.	1.0	5
45	Ethene oligomerization on nickel microporous and mesoporous-supported catalysts: Investigation of the active sites. Catalysis Today, 2018, 299, 154-163.	4.4	63
46	Strategies to Obtain Encapsulation and Controlled Release of Pentamidine in Mesoporous Silica Nanoparticles. Pharmaceutics, 2018, 10, 195.	4.5	25
47	The Nuclearity of the Active Site for Methane to Methanol Conversion in Cu-Mordenite: A Quantitative Assessment. Journal of the American Chemical Society, 2018, 140, 15270-15278.	13.7	177
48	Investigating the Low Temperature Formation of Cu^{II}â€(N,O) Species on Cuâ€CHA Zeolites for the Selective Catalytic Reduction of NO_x. Chemistry - A European Journal, 2018, 24, 12044-12053.	3.3	53
49	Metal-organic framework mixed-matrix disks: Versatile supports for automated solid-phase extraction prior to chromatographic separation. Journal of Chromatography A, 2017, 1488, 1-9.	3.7	61
50	Poly(NIPAM- co -MPS)-grafted multimodal porous silica nanoparticles as reverse thermoresponsive drug delivery system. Asian Journal of Pharmaceutical Sciences, 2017, 12, 279-284.	9.1	31
51	Electronic and Geometrical Structure of Zn⁺ Ions Stabilized in the Porous Structure of Zn-Loaded Zeolite H-ZSM-5: A Multifrequency CW and Pulse EPR Study. Journal of Physical Chemistry C, 2017, 121, 14238-14245.	3.1	25
52	Investigating the Interaction of Water Vapour with Aminopropyl Groups on the Surface of Mesoporous Silica Nanoparticles. ChemPhysChem, 2017, 18, 839-849.	2.1	21
53	Methane to Methanol: Structureâ€“Activity Relationships for Cu-CHA. Journal of the American Chemical Society, 2017, 139, 14961-14975.	13.7	277
54	In Situ Investigation of the Deactivation Mechanism in Ni-ZSM5 During Ethylene Oligomerization. Topics in Catalysis, 2017, 60, 1664-1672.	2.8	10

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55	Zeolite morphology and catalyst performance: conversion of methanol to hydrocarbons over offretite. Catalysis Science and Technology, 2017, 7, 5435-5447.	4.1	18
56	Composition-driven Cu-speciation and reducibility in Cu-CHA zeolite catalysts: a multivariate XAS/FTIR approach to complexity. Chemical Science, 2017, 8, 6836-6851.	7.4	163
57	Hydrothermalâ€“electrochemical deposition of semiconductor thin films: the case of CuIn(Al)Se2 compound. Journal of Materials Science: Materials in Electronics, 2017, 28, 15596-15604.	2.2	4
58	Thermoresponsive copolymer-grafted SBA-15 porous silica particles for temperature-triggered topical delivery systems. EXPRESS Polymer Letters, 2017, 11, 96-105.	2.1	32
59	Effect of Multimodal Pore Channels on Cargo Release from Mesoporous Silica Nanoparticles. Journal of Nanomaterials, 2016, 2016, 1-7.	2.7	12
60	Delivery of Gemcitabine Prodrugs Employing Mesoporous Silica Nanoparticles. Molecules, 2016, 21, 522.	3.8	30
61	Fluorescence and electron microscopy to visualize the intracellular fate of nanoparticles for drug delivery. European Journal of Histochemistry, 2016, 60, 2640.	1.5	53
62	Iron exchanged natural mordenite: UV-Vis diffuse reflectance and MÃ¶ssbauer spectroscopy characterisation. International Journal of Nanotechnology, 2016, 13, 112.	0.2	4
63	Incorporation of Ni into HZSM-5 zeolites: Effects of zeolite morphology and incorporation procedure. Microporous and Mesoporous Materials, 2016, 229, 76-82.	4.4	26
64	Nitrateâ€“nitrite equilibrium in the reaction of NO with a Cu-CHA catalyst for NH₃-SCR. Catalysis Science and Technology, 2016, 6, 8314-8324.	4.1	44
65	Synthesis of poly(<i>N</i>â€‘isopropylacrylamide) by distillation precipitation polymerization and quantitative grafting on mesoporous silica. Journal of Applied Polymer Science, 2016, 133, .	2.6	41
66	Thermoresponsive mesoporous silica nanoparticles as a carrier for skin delivery of quercetin. International Journal of Pharmaceutics, 2016, 511, 446-454.	5.2	79
67	Mesoporous nanocarriers for the loading and stabilization of 5-aminolevulinic acid. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	4
68	The Cu-CHA deNO_{<i>x</i>} Catalyst in Action: Temperature-Dependent NH₃-Assisted Selective Catalytic Reduction Monitored by Operando XAS and XES. Journal of the American Chemical Society, 2016, 138, 12025-12028.	13.7	243
69	Ionosilicas as efficient adsorbents for the separation of diclofenac and sulindac from aqueous media. New Journal of Chemistry, 2016, 40, 7620-7626.	2.8	22
70	Cell uptake and intracellular fate of phospholipidic manganese-based nanoparticles. International Journal of Pharmaceutics, 2016, 508, 83-91.	5.2	25
71	Experimental and first-principles IR characterization of quercetin adsorbed on a silica surface. Theoretical Chemistry Accounts, 2016, 135, 1.	1.4	4
72	Cyclodextrinâ€‘Grafted Silicaâ€‘Supported Pd Nanoparticles: An Efficient and Versatile Catalyst for Ligandâ€‘Free Câˆ’C Coupling and Hydrogenation. ChemCatChem, 2016, 8, 1176-1184.	3.7	27

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73	Hyaluronic acid for anticancer drug and nucleic acid delivery. Advanced Drug Delivery Reviews, 2016, 97, 204-236.	13.7	468
74	Hybrid drug carriers with temperature-controlled onâ€“off release: A simple and reliable synthesis of PNIPAM-functionalized mesoporous silica nanoparticles. Reactive and Functional Polymers, 2016, 98, 31-37.	4.1	61
75	Low Temperature Steam Reforming Catalysts for Enriched Methane Production. Green Energy and Technology, 2016, , 53-74.	0.6	0
76	Recent studies on the delivery of hydrophilic drugs in nanoparticulate systems. Journal of Drug Delivery Science and Technology, 2016, 32, 298-312.	3.0	48
77	Controlled postâ€synthesis grafting of thermoresponsive poly(<i>N</i>â€isopropylacrylamide) on mesoporous silica nanoparticles. Polymers for Advanced Technologies, 2015, 26, 1070-1075.	3.2	30
78	Effect of Post-Synthesis Treatments on the Properties of ZnS Nanoparticles: An Experimental and Computational Study. Oil and Gas Science and Technology, 2015, 70, 817-829.	1.4	7
79	Influence of surface functionalization on the hydrophilic character of mesoporous silica nanoparticles. Physical Chemistry Chemical Physics, 2015, 17, 13882-13894.	2.8	54
80	Supramolecular Organization and siRNA Binding of Hyaluronic Acid-Coated Lipoplexes for Targeted Delivery to the CD44 Receptor. Langmuir, 2015, 31, 11186-11194.	3.5	36
81	Interactions of Toluene and <i>n</i>-Hexane on High Silica Zeolites: An Experimental and Computational Model Study.. Journal of Physical Chemistry C, 2015, 119, 24875-24886.	3.1	15
82	Electronic Structure of Ti³⁺â€“Ethylene Complexes in Microporous Aluminophosphate Materials. A Combined EPR and DFT Study Elucidating the Role of SOMO Orbitals in Metalâ€“Olefin Ï€ Complexes. Journal of Physical Chemistry C, 2015, 119, 26046-26055.	3.1	6
83	Mesoporous silica as topical nanocarriers for quercetin: characterization and in vitro studies. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 89, 116-125.	4.3	128
84	Enhanced CO₂ adsorption capacity of amine-functionalized MIL-100(Cr) metalâ€“organic frameworks. CrystEngComm, 2015, 17, 430-437.	2.6	60
85	Spectroscopic characterization of CuO /TiO2â€“ZrO2 catalysts prepared by a-step solâ€“gel method. Applied Catalysis A: General, 2015, 489, 218-225.	4.3	23
86	Preparation and characterization of organo-functionalized silicas for bilirubin removal. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 464, 65-77.	4.7	24
87	The protective effect of the mesoporous host on the photo oxidation of fluorescent guests: a UV-Vis spectroscopy study. Physical Chemistry Chemical Physics, 2014, 16, 12172-12177.	2.8	8
88	Architecture of the Ti(IV) Sites in TiAlPO-5 Determined Using Ti K-Edge X-ray Absorption and X-ray Emission Spectroscopies. Journal of Physical Chemistry C, 2014, 118, 11745-11751.	3.1	13
89	Efficient Green Protocols for Preparation of Highly Functionalized Î²-Cyclodextrin-Grafted Silica. ACS Sustainable Chemistry and Engineering, 2014, 2, 2595-2603.	6.7	29
90	Surface Properties of ZnS Nanoparticles: A Combined DFT and Experimental Study. Journal of Physical Chemistry C, 2014, 118, 23853-23862.	3.1	28

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91	Structure of the Catalytic Active Sites in Vanadium-Doped Aluminophosphate Microporous Materials. New Evidence from Spin Density Studies. Journal of Physical Chemistry C, 2014, 118, 19879-19888.	3.1	22
92	Liposomal Nitrooxy-Doxorubicin: One Step over Caelyx in Drug-Resistant Human Cancer Cells. Molecular Pharmaceutics, 2014, 11, 3068-3079.	4.6	29
93	Immobilisation of Zinc porphyrins on mesoporous SBA-15: Effect of bulky substituents on the surface interaction. Microporous and Mesoporous Materials, 2014, 193, 103-110.	4.4	10
94	[M]-CAL-2: MeAPSO-34-like molecular sieves using a lamellar aluminophosphate as precursor. Microporous and Mesoporous Materials, 2014, 187, 135-144.	4.4	8
95	Hyaluronic Acid Conjugates as Vectors for the Active Targeting of Drugs, Genes and Nanocomposites in Cancer Treatment. Molecules, 2014, 19, 3193-3230.	3.8	112
96	Photochemical and antioxidant properties of gamma-oryzanol in beta-cyclodextrin-based nanosponges. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 75, 69-76.	1.6	46
97	Hyaluronic acid-coated liposomes for active targeting of gemcitabine. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 373-380.	4.3	123
98	MCM-41 as a useful vector for rutin topical formulations: Synthesis, characterization and testing. International Journal of Pharmaceutics, 2013, 457, 177-186.	5.2	59
99	The interaction of H2O2 with TiAlPO-5 molecular sieves: probing the catalytic potential of framework substituted Ti ions. Physical Chemistry Chemical Physics, 2013, 15, 11099.	2.8	14
100	The interactions of methyl tert-butyl ether on high silica zeolites: a combined experimental and computational study. Physical Chemistry Chemical Physics, 2013, 15, 13275.	2.8	27
101	Unravelling the structure and reactivity of supported Ni particles in Ni-CeZrO2 catalysts. Applied Catalysis B: Environmental, 2013, 138-139, 353-361.	20.2	27
102	Stabilization of quercetin flavonoid in MCM-41 mesoporous silica: positive effect of surface functionalization. Journal of Colloid and Interface Science, 2013, 393, 109-118.	9.4	84
103	Targeting gemcitabine containing liposomes to CD44 expressing pancreatic adenocarcinoma cells causes an increase in the antitumoral activity. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 1396-1404.	2.6	65
104	Evidence for controlled insertion of Fe ions in the framework of clinoptilolite natural zeolites. Microporous and Mesoporous Materials, 2013, 167, 76-81.	4.4	12
105	Reduction of nickel ions in mordenites with different SiO<inf>2</inf>/Al<inf>2</inf>O<inf>3</inf> molar ratios. , 2012, , .		0
106	Functionalization of mesoporous MCM-41 with aminopropyl groups by co-condensation and grafting: a physico-chemical characterization. Research on Chemical Intermediates, 2012, 38, 785-794.	2.7	33
107	NH3 and O₂interaction with tetrahedral Ti³⁺ions isomorphously substituted in the framework of TiAlPO-5. A combined pulse EPR, pulse ENDOR, UV-Vis and FT-IR study. Physical Chemistry Chemical Physics, 2012, 14, 987-995.	2.8	32
108	The Role of Silanols in the Interactions between Methyl <i>tert</i>-Butyl Ether and High-Silica Faujasite Y: An Infrared Spectroscopy and Computational Model Study. Journal of Physical Chemistry C, 2012, 116, 6943-6952.	3.1	26

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109	Mesoporous silica as a carrier for topical application: the Trolox case study. Physical Chemistry Chemical Physics, 2012, 14, 11318.	2.8	31
110	Elucidating the Nature and Reactivity of Ti Ions Incorporated in the Framework of AlPO-5 Molecular Sieves. New Evidence from³¹P HYSCORE Spectroscopy. Journal of the American Chemical Society, 2011, 133, 7340-7343.	13.7	40
111	Growth of hydrothermally stable meso-porous silica structure interconnected around micro-porous zeolite crystals. Materials Characterization, 2011, 62, 1166-1172.	4.4	3
112	Spectroscopic investigation into the nature of the active sites for epoxidation reactions using vanadium-based aluminophosphate catalysts. Microporous and Mesoporous Materials, 2011, 138, 167-175.	4.4	18
113	Structural and spectroscopic investigation of ZnS nanoparticles grown in quaternary reverse micelles. Journal of Colloid and Interface Science, 2011, 354, 511-516.	9.4	18
114	Characterization of Fe sites in Fe-zeolites by FTIR spectroscopy of adsorbed NO: are the spectra obtained in static vacuum and dynamic flow set-ups comparable?. Physical Chemistry Chemical Physics, 2010, 12, 358-364.	2.8	34
115	The role of isolated active centres in high-performance bioinspired selective oxidation catalysts. Chemical Communications, 2010, 46, 2805.	4.1	9
116	Coexistence of framework Co2+ and non framework Co0 in CoAPO-5. Microporous and Mesoporous Materials, 2009, 123, 91-99.	4.4	10
117	Hyaluronic Acid-Modified DOTAP/DOPE Liposomes for the Targeted Delivery of Anti-Telomerase siRNA to CD44-Expressing Lung Cancer Cells. Oligonucleotides, 2009, 19, 103-116.	2.7	90
118	FTIR Study of Cobalt Containing Aluminophosphates with Chabasite Like Structure by Using CO and NO as Molecular Probes. Catalysis Letters, 2009, 133, 27-32.	2.6	6
119	Lipoplexes Targeting the CD44 Hyaluronic Acid Receptor for Efficient Transfection of Breast Cancer Cells. Molecular Pharmaceutics, 2009, 6, 1062-1073.	4.6	139
120	Characterisation and catalytic activity in de-NOx reactions of Fe-ZSM-5 zeolites prepared via ferric oxalate precursor. Applied Catalysis B: Environmental, 2008, 84, 204-213.	20.2	23
121	Quantification of BrÃ¸nsted Acid Sites in Microporous Catalysts by a Combined FTIR and NH₃-TPD Study. Journal of Physical Chemistry C, 2008, 112, 7193-7200.	3.1	177
122	Novel cationic liposome formulation for the delivery of an oligonucleotide decoy to NF-ÎºB into activated macrophages. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 7-18.	4.3	29
123	Biological characterization of folic acid-conjugated poly(H2NPEGCA-co-HDCA) nanoparticles in cellular models. Journal of Drug Targeting, 2007, 15, 146-153.	4.4	35
124	NO and N2O dynamics followed by FTIR over Fe-ZSM-5 with low iron content. Studies in Surface Science and Catalysis, 2007, , 1357-1361.	1.5	0
125	Structure and nuclearity of active sites in Fe-zeolites: comparison with iron sites in enzymes and homogeneous catalysts. Physical Chemistry Chemical Physics, 2007, 9, 3483.	2.8	226
126	Revisiting the Nature of the Acidity in Chabazite-Related Silicoaluminophosphates:â€‰ Combined FTIR and29Si MAS NMR Study. Journal of Physical Chemistry C, 2007, 111, 330-339.	3.1	92

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127	Encapsulation of gemcitabine lipophilic derivatives into polycyanoacrylate nanospheres and nanocapsules. International Journal of Pharmaceutics, 2007, 344, 71-77.	5.2	102
128	In situ synchrotron small-angle X-ray scattering study of MCM-41 crystallisation using Gemini surfactants. Catalysis Today, 2007, 126, 203-210.	4.4	18
129	Solid Acid Microporous H-SAPO-34: From Early Studies to Perspectives. , 2007, , 604-622.		1
130	Synthesis and characterisation of small ZnS particles. Research on Chemical Intermediates, 2006, 32, 683-693.	2.7	7
131	Probing the BrÃ¸nsted and Lewis acidity of Fe-silicalite by FTIR spectroscopy of H2 adsorbed at 20 K: Evidences for the formation of Fe3+/H2 and Fe2+/H2 molecular adducts. Journal of Catalysis, 2006, 238, 243-249.	6.2	17
132	Coordination and oxidation changes undergone by iron species in Fe-MCM-22 upon template removal, activation and redâ€“ox treatments: an in situ IR, EXAFS and XANES study. Journal of Catalysis, 2005, 229, 45-54.	6.2	36
133	Catalytic activity of Fe ions in iron-based crystalline and amorphous systems: role of dispersion, coordinative unsaturation and Al content. Journal of Catalysis, 2005, 229, 127-135.	6.2	34
134	New precursor for the post-synthesis preparation of Fe-ZSM-5 zeolites with low iron content. Catalysis Letters, 2005, 103, 33-41.	2.6	42
135	Behavior of Extraframework Fe Sites in MFI and MCM-22 Zeolites upon Interaction with N2O and NO. Journal of Physical Chemistry B, 2005, 109, 22377-22385.	2.6	20
136	Preparation, characterization, cytotoxicity and pharmacokinetics of liposomes containing lipophilic gemcitabine prodrugs. Journal of Controlled Release, 2004, 100, 331-346.	9.9	212
137	Synthesis, characterization and transfection activity of new saturated and unsaturated cationic lipids. Il Farmaco, 2004, 59, 869-878.	0.9	27
138	The role of Al in the structure and reactivity of iron centers in Fe-ZSM-5-based catalysts: a statistically based infrared study. Journal of Catalysis, 2003, 215, 264-270.	6.2	88
139	Activity and deactivation of Fe-MFI catalysts for benzene hydroxylation to phenol by N2O. Journal of Catalysis, 2003, 214, 169-178.	6.2	77
140	Description of a flexible cell for in situ X-ray and far-IR characterization of the surface of powdered materials. Nuclear Instruments & Methods in Physics Research B, 2003, 200, 196-201.	1.4	50
141	Anchoring Fe Ions to Amorphous and Crystalline Oxides: A Means To Tune the Degree of Fe Coordination. ChemPhysChem, 2003, 4, 1073-1078.	2.1	25
142	In situ Characterization of Catalysts Active in Partial Oxidations: TS-1 and Fe-MFI Case Studies.. ChemInform, 2003, 34, no.	0.0	1
143	Paramagnetic nitrosyliron adducts in pentasilic zeolites: an EPR study. Research on Chemical Intermediates, 2003, 29, 805-816.	2.7	13
144	Morphological and Structural Features of Activated Iron Silicalites:Â A129Xe-NMR and EPR Investigation. Journal of Physical Chemistry B, 2003, 107, 8922-8928.	2.6	12

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145	Determination of the oxidation and coordination state of copper on different Cu-based catalysts by XANES spectroscopy in situ or in operando conditions. Physical Chemistry Chemical Physics, 2003, 5, 4502-4509.	2.8	172
146	Thermal Reduction of Cu2+â^'Mordenite and Re-oxidation upon Interaction with H2O, O2, and NO. Journal of Physical Chemistry B, 2003, 107, 7036-7044.	2.6	150
147	IR spectra of ozone adsorbed on MgO. Physical Chemistry Chemical Physics, 2002, 4, 3872-3875.	2.8	16
148	IR spectroscopy of adsorbed NO as a useful tool for the characterisation of low concentrated Fe-silicalite catalysts. Journal of Molecular Catalysis A, 2002, 182-183, 359-366.	4.8	30
149	Co-ordination and oxidation changes undergone by iron species in Fe-silicalite upon template removal, activation and interaction with N2O: an in situ X-ray absorption study. Microchemical Journal, 2002, 71, 101-116.	4.5	58
150	An in situ temperature dependent IR, EPR and high resolution XANES study on the NO/Cu+â€"ZSM-5 interaction. Chemical Physics Letters, 2002, 363, 389-396.	2.6	97
151	Evolution of Extraframework Iron Species in Fe Silicalite. Journal of Catalysis, 2002, 208, 64-82.	6.2	170
152	Evolution of Extraframework Iron Species in Fe Silicalite. Journal of Catalysis, 2002, 208, 83-88.	6.2	55
153	In Situ Characterization of Catalysts Active in Partial Oxidations: TS-1 and Fe-MFI Case Studies. Topics in Catalysis, 2002, 21, 67-78.	2.8	45
154	The Role of Isolated Sites in Heterogeneous Catalysis: Characterization and Modeling. International Journal of Molecular Sciences, 2001, 2, 167-182.	4.1	27
155	Alumina-Supported Copper Chloride. Journal of Catalysis, 2001, 202, 279-295.	6.2	81
156	Interaction of N2, CO and NO with Cu-exchanged ETS-10: a compared FTIR study with other Cu-zeolites and with dispersed Cu2O. Catalysis Today, 2001, 70, 91-105.	4.4	82
157	Migration of Ti and Fe from Framework to Extraframework Positions in Zeolitic Materials: Spectroscopic Studies. , 2001, , 135-147.		2
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