

Année	N°	Titre	Auteurs	Revue	Volumes	Issues	Pages
2018	1	A common precursor to both prebiotic and biological pathways to RNA nucleotides	A. Perez-Villa, A.-M. Saitta, <b>T. Georgelin</b> , J.-F. Lambert, F. Guyot, M.-C. Maurel, F. Pietrucci*	ChemRxiv, Physical Chemistry			1-17
2018	2	A fullerene helical peptide: Synthesis, characterization and formation of self-assembled monolayers on gold surfaces	H. Nasrallah, J. Rabah, V. Bui-Thi-Tuyet, K. Baczkó, H. Fensterbank, F. Bourdreux, A.-M. Goncalves, V. Declerck, <b>S. Boujday</b> , <b>V. Humblot</b> , C. Wright*, Anne Vallée*, E. Allard*	New Journal of Chemistry	42	24	19423-19432
2018	3	A high pressure pathway toward boron-based nanostructured solids	R. Grosjean, Y. Le Godec, S. Delacroix, G. Gouget, <b>P. Beaunier</b> , O. Ersen, D. Ihiwakrim, O. O. Kurakevych, C. Chanéac, D. Portehault	Dalton Trans.	47	23	7634-7639
2018	4	A Hydrothermal-Sedimentary Context for the Origin of Life	F. Westall*, K. Hickman-Lewis, N. Hinman, P. Gautret, K.-A. Campbell, J.-G. Breheret, F. Foucher, A. Hubert, S. Sorieul, A.-V. Dass, T.-P. Kee, <b>T. Georgelin</b> , A. Brack	Astrobiology	18	3	259-293
2018	5	A Rotaxane Scaffold Bearing Multiple Redox Centers: Synthesis, Surface Modification and Electrochemical Properties	<b>M. Steffenhagen</b> , A. Latus, T.-H.-N. Trinh, I. Nierengarten*, I.-T. Lucas, S. Joiret, <b>J. Landoulsi</b> , B. Delavaux-Nicot*, J.-F. Nierengarten, E. Maisonhaute*	Chemistry A European Journal	24	7	1701-1708
2018	6	Adsorption of dyes from aqueous solution under batch mode using cellulosic orange peel waste	S. Guiza, <b>F. Launay</b> , M. Bagane	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	20	18	12898-12907
2018	7	Assessing carbon or tungstates coverage of ZrO <sub>2</sub> nanoparticles Assessing carbon or tungstates coverage of ZrO <sub>2</sub> nanoparticles supported on MWCNT via NO <sub>x</sub> -TPD	P.-R. Kelleher, G.-L. Haller, <b>S. Casale</b> , <b>C. Méthivier</b> , <b>C. Thomas*</b>	Nano-Structures & Nano-Objects	16		110-119
2018	8	Beyond simple AB diblock copolymers: application of bifunctional and trifunctional RAFT agents to PISA in water	G. Mellot, <b>P. Beaunier</b> , J.-M. Guigner, L. Bouteiller, J. Rieger, F. Stoffelbach	Macromol. Rapid Commun.		1800315	
2018	9	Bimetallic Fe-Ni/SiO <sub>2</sub> catalysts for furfural hydrogenation: Identification of the interplay between Fe and Ni during deposition-precipitation and thermal treatments	D. Shi, Q. Yang, C. Peterson, <b>A.-F. Lamic-Humblot</b> , J.-S. Giradon, A. Griboval-Constant, L. Stievano, M. T. Sougrati, V. Briois, P.-A.-J. Bagot, R. Wojcieszak S. Paul, E. Marceau*	Catalysis Today			

2018	10	Biomass-mediated ZSM-5 zeolite synthesis: when self-assembly allows to cross the Si/Al lower limit	M. Pereira, E. Silva Gomes, A. Viera Silva, A. Elan Pinar, M.-G. Willinger, S. Shanmugam, C. Chizallet, G. Laugel, P. Losch, B. Louis*	Chemical Science	9	31	6532-6539
2018	11	Black phosphorus-based compound with few layers for photocatalytic water oxidation	J. Yan, Y. Ji, L. Kong, Y. Li, M. Navlani-Garcia, S. Liu, Y. Kuwahara, K. Mori, <b>M. Che</b> , H. Yamashita	ChemCatChem	10	16	3424-3428
2018	12	Brake wear (nano)particle characterization and toxicity on airway epithelial cells in vitro	C. Puisney, E. K. Oikonomoun S. Nowak, A. Chevillot, <b>S. Casale</b> , A. Baeza-Squiban*, J.-F. Berret*	Environmental Science: Nano	5	4	1036-1044
2018	13	Catalytic behavior of nickel loaded on acid-activated and pillared clay in total gas-phase oxidation of ethanol	N. Lahoues-Chakour, S. Barama, A. Barama, B. Djellouli, C. Domingos, A. Davidson*	Journal of Nanoparticle Research	20	11	1-14
2018	14	Characterization and reactivity of VMgO catalysts prepared by wet impregnation and sol-gel methods	S. Slyemi, S. Barama, A. Barama, <b>J. Blanchard</b> , H. Messaoudi, <b>S. Casale</b> , <b>C. Calers</b>	Chemical Engineering Communications	205	9	1288-1298
2018	15	Combined effect of magnesium and amino glutamic acid on the structure of hydroxyapatite prepared by hydrothermal method	S. B. Moussa, A. Mehri, M. Gruselle*, <b>P. Beaunier</b> , <b>G. Costentin</b> , B. Badraoui	Materials Chemistry and Physics	212		21-29
2018	16	Control of the hierarchical self-assembly of polyoxometalate-based metallomacrocycles by redox trigger and solvent composition	M. Piot, C. Troufflard, A. Proust, G. Izzet, B. Abecassis, <b>D. Brouri</b>	Proceedings of the National Academy of Sciences of the United States of America	115	36	8895-8900
2018	17	Correction to In Situ Observation of Atomic Redistribution in Alloying Gold-Silver Nanorods	Jessi E. S. van der Hoeven, T.-A.-J. Welling, T. A. G. Silva, J. E. van den Reijen, C. La Fontaine, <b>X. Carrier</b> , <b>C. Louis</b> , A. van Blaaderen, P. E. de Jongh*	ACS Nano	12	11	11713-11713
2018	18	Cyanobacterial formation of intracellular Ca-carbonates in undersaturated solutions	<b>N. Cam</b> , K. Benzerara*, <b>T. Georgelin</b> , M. Jaber, <b>J.-F. Lambert</b> , M. Poinot, F. Skouri-Panet, D. Moreira, P. Lopez-Garcia, E. Raimbault, L. Cordier, D. Jezequel	Geobiology	16	1	49-61
2018	19	Deciphering the role and nature of phosphate species at the surface of	<b>I. Liascukiene</b> , M. Ben Salah, R; Sabot, P. Refait, L. Dhoubi, <b>C. Méthivier</b> , <b>J. Landoulsi*</b> , M. Jeannin*	Applied Surface Science	434		561-572

		stainless steel immersed in phosphoric acid solutions						
2018	20	Design of Bifunctional Catalysts Based on Bea Zeolites for Tandem Processes with Participation of Ethanol	N.-O. Popovych, O.-V. Larina, S.-M. Orlyk*, P.-I. Kyriienko, S.-O. Soloviev, S. Dzwigaj	THEORETICAL AND EXPERIMENTAL CHEMISTRY	54	4	255-264	
2018	21	Dry reforming of methane over organized mesoporous alumina materials derived from EISA and MOF routes	L. Karam, J. Reboul, S. Casale, N. El Hassan, P. Massiani	Abstracts of Papers, 256th ACS National Meeting & Exposition				
2018	22	Effects of dealumination on the performance of Ni-containing BEA catalysts in bioethanol steam reforming	W. Gac, M. Greluk, G. Slowik, Y. Millot, L. Valentin, S. Dzwigaj	APPLIED CATALYSIS B-ENVIRONMENTAL	237	94-109	94-109	
2018	23	Electron Transfer at the Metal Oxide/Electrolyte Interface: A Simple Methodology for Quantitative Kinetics Evaluation	I. Azcarate, C. Costentin, C. Methivier, C. Laberty-Robert, A. Grimaud	JOURNAL OF PHYSICAL CHEMISTRY C	122	24	12761-12770	
2018	24	Enhanced selectivity of 3-D ordered macroporous Pt/Al <sub>2</sub> O <sub>3</sub> catalysts in nitrites removal from water	A.-C. Sekhar, A. Zaki, S. Troncea, S. Casale, C.-P. Dacquin, J.-P. Dacquin, P. Granger	APPLIED CATALYSIS A-GENERAL	564		26-32	
2018	25	Evolution Mechanisms of T91 Steel in Subcritical Conditions and Role of an Internal Oxidation Zone	S. Fetni, D. Montero, C. Boubahri, D. Brouri, J. Briki	Oxidation of Metals	90	3-4	291-315	
2018	26	Experimental Evidence of the Mechanism of Selective Catalytic Reduction of NO with NH <sub>3</sub> over Fe-Containing BEA Zeolites	P. Boron, M. Rutkowska, B. Gil, B. Marszalek, L. Chmielarz, S. Dzwigaj*	ChemSusChem				
2018	27	Factors impacting the aggregation/agglomeration and photocatalytic activity of highly crystalline spheroid- and rod-shaped TiO <sub>2</sub> nanoparticles in aqueous solutions	T. Degabriel, E. Colaco, R.-F. Domingos, K. El Kirat, D. Brouri, S. Casale, J. Landoulsi*, J. Spadavecchia	Physical Chemistry Chemical Physics	20	18	12898-12907	
2018	28	General and prospective views on oxidation reactions in heterogeneous catalysis	S. Valange, J.C. Védrine*	Catalysts	8		483 (21 pages)	

2018	29	Giant exchange-bias in polyol-made CoFe <sub>2</sub> O <sub>4</sub> -CoO core-shell like nanoparticles	N. Flores-Martinez, G. Franceschin, T. Gaudisson, <b>P. Beaunier</b> , N. Yaacoub, J.-M. Grenèche, R. Valenzuela, Souad Ammar	Part. Part. Syst. Charact.			1800290
2018	30	Going through the wine fining: Intimate dialogue between organics and clays	P. Trigueiro, S. Pedetti, B. Rigaud, S. Balme, J.-M. Janot, I. dos Santos, R. Gougeon, M.-G. Fonseca, <b>T. Georgelin</b> , M. Jaber*	Colloids and Surfaces B: Biointerfaces	166		79-88
2018	31	Gold colloid-nanostructured surfaces for enhanced piezoelectric immunosensing of staphylococcal enterotoxin A	<b>M. Ben Haddada</b> , M. Salmain, <b>S. Boujday</b>	Sensors and Actuators B-Chemical	255		1604-1613
2018	32	Heteroaggregation and Selective Deposition for the Fine Design of Nanoarchitected Bifunctional Catalysts: Application to Hydroisomerization	O. Ben Moussa, <b>L. Tinat</b> , X. Jin, W. Baaziz, O. Durupthy, <b>C. Sayag</b> , <b>J. Blanchard</b>	ACS CATALYSIS	8	7	6071-6078
2018	33	Heteropolytungstate-decorated core-shell magnetic nanoparticles: A covalent strategy for polyoxometalate-based hybrid nanomaterials	O. Makrygenni, E. Secret, A. Michel, <b>D. Brouri</b> , V. Dupuis, A. Proust, J.-M. Siaugue*, R. Villanneau*	Journal of Colloid and Interface Science	514		49-58
2018	34	High pressures pathway toward boron-based nanostructured solids	R. Grosjean, Y. Le Godec, S. Delacroix, G. Gouget, <b>P. Beaunier</b> , O. Ersen, D. Ihiwakrim, O. O. Kurakevych, C. Chanéac, D. Portehault	Dalton Trans.	47		7634-7639
2018	35	Hybrid Hydrophobin/Gold Nanoparticles: Synthesis and Characterization of New Synthetic Probes for Biological Applications	J. Politi*, L. De Stefano, P. Giardina, S. Casale, I. Rea, J. Spadavecchia	Sensors	431		169-176
2018	36	In silico optimization of a guava antimicrobial peptide enables combinatorial exploration for peptide design	W. Porto, L. Lu, E. Alves, S. Rieiro, C. Matos, A. Pires, I. Fensterfeifer, V. Miranda, E. Haney, <b>V. Humblot</b> , M. Torres, R. Hancock, L. Lu, A. Ladram, T. Lu, C. de la Fuente-Nunez, O. Franco	Nature Communications	9	1	1490
2018	37	In Situ Observation of Atomic Redistribution in Alloying Gold–Silver Nanorods	J.E.S. van der Hoeven, T.A.J. Welling, T.A.G. Silva, J.E. van den Reijen, C. La Fontaine, <b>X. Carrier</b> , <b>C. Louis</b> , A. van Bladeren, P.E. de Jongh*	ACS Nano	12		8467-8476

2018	38	Influence of pretreatment and reaction conditions on the catalytic activity of HAlBEA and CoHAlBEA zeolites in vinyl chloride formation from 1,2-dichloroethane	I.-I. Kaminska, D. Lisovytskiy, <b>L. Valentin, C. Calers, Y. Millot, E. Kowaleski, A. Srebowata, S. Dzwigaj*</b>	Microporous and Mesoporous Materials	266		32-42
2018	39	Influence of the Preparation Procedure of Vanadium-Containing SiBEA Zeolites on Their Catalytic Activity in Propene Epoxidation	A. Held, J. Kowalska-Kus, <b>Y. Millot, F. Averseng, C. Calers, L. Valentin, D. Dzwigaj</b>	JOURNAL OF PHYSICAL CHEMISTRY C	122	32	18570-18582
2018	40	Influence of the swelling agents of siliceous mesocellular foams on the performances of Ni-based methane dry reforming catalysts	<b>O. Daoura, S. Daher, M.-N. Kaydouh, N. El Hassan, P. Massiani, F. Launay, M. Boutros*</b>	International Journal of Hydrogen Energy	43	36	17205-17215
2018	41	Laccase production from sucrose by recombinant <i>Yarrowia lipolytica</i> and its application to decolorization of environmental pollutant dyes	F. Darvishi*, M. Moradi, <b>C. Jolivalt, C. Madzak</b>	Ecotoxicology and Environmental Safety	165		278-283
2018	42	Layer-by-Layer Assembly of Nanosized Membrane Fractions for the Assessment of Cytochrome P450 Xenobiotic Metabolism	P. Quantin, E. Colaco, K. El Kirat, C. Egles, H. Ficheux, <b>J. Landoulsi</b>	ACS OMEGA	3	10	12535-12544
2018	43	Loop-stabilized BAB triblock copolymer morphologies by PISA in water	P. Biais, <b>P. Beaunier, F. Stoffelbach, J. Rieger</b>	Polymer Chemistry	9		4483-4491
2018	44	Low Temperature NO <sub>x</sub> Adsorption Study on Pd-Promoted Zeolites	A. Porta, T. Pellegrinelli, L. Castoldi, R. Matarrese, S. Morandi, <b>S. Dzwigaj, L. Lietti</b>	TOPICS IN CATALYSIS	61	18-19	2021-2034
2018	45	Mesocellular silica foam-based Ni catalysts for dry reforming of CH <sub>4</sub> (by CO <sub>2</sub> )	<b>O. Daoura, M.-N. Kaydouh, N. El Hassan, P. Massiani, F. Launay, M. Boutros*</b>	Journal of CO <sub>2</sub> Utilization	24		112-119
2018	46	Recent development of heterogeneous catalysis in ring-opening, biocatalysis, and selective partial oxidation reactions on metal oxides	I. Fechete, J.C. Védrine	C.R Chimie	21		408-418

2018	47	Nano- engineered hierarchical porous silicas for enhanced catalytic efficiency in the liquid phase	A. Zaki, M. Wastiaux, <b>S. Casale</b> , A. Mussi, J.-F. Dhenin, C. Lancelot, J.-P. Dacquin, P. Granger	CATALYSIS SCIENCE & TECHNOLOGY	8	18	4604-4608
2018	48	One Step up the Ladder of Prebiotic Complexity: Formation of Nonrandom Linear Polypeptides from Binary Systems of Amino Acids on Silica	<b>Y. Sakhno</b> , A. Battistella, <b>A. Mezzetti</b> , M. Jaber, <b>T. Georgelin</b> , L. Michot, <b>J.- F. Lambert*</b>	Chemistry			
2018	49	Orientation of a Trametes versicolor laccase on amorphous carbon nitride coated graphite electrodes for improved electroreduction of dioxygen to water	<b>A. Blout</b> , F. Billon, <b>C. Calers</b> , <b>C. Méthivier</b> , A. Pailleret, H. Perrot, <b>C. Jolival</b>	Electrochimica Acta	277		255-267
2018	50	Oscillatory behavior of Pd-Au catalysts in toluene total oxidation	T. Barakat, J.-C Rooke, D. Chlala, R. Cousin, J.-F. Lamonier, J.-M. Giraudon, <b>S. Casale</b> , <b>P. Massiani</b> , B.-L. Su, S. Siffert	Catalysts	8	12	574/1-574/11
2018	51	Photoelectrochemical properties of ZnS- and CdS-TiO <sub>2</sub> nanostructured photocatalysts: Aqueous sulfidation as a smart route to improve catalyst stability	S. Chaguetmi*, L. Chaperman, S. Nowak, D. Shaming, S. Lau-Truong, P. Decorse, <b>P. Beaunier</b> , C. Costentin, F. Mammeri, S. Achour, S. Ammar	Journal of Photochemistry and Photobiology A: Chemistry	356		489-501
2018	52	Polarizable QM/Classical Approaches for the Modeling of Solvation Effects on UV-Vis and Fluorescence Spectra: An Integrated Strategy	D. Loco, N. Gelfand, S. Jurinovich, S. Protti, <b>A. Mezzetti</b> , B. Mennucci*	Journal of Physical Chemistry A	122	1	390-397
2018	53	Potential Role of Inorganic Confined Environments in Prebiotic Phosphorylation	A. Vicholous Dass, M. Jaber, A. Brack*, F. Foucher, T. P-Kee, <b>T. Georgelin</b> , F. Westall	Life	8	1	7
2018	54	Preparation, characterization, and hydrogenation activity of new Rh <sup>0</sup> -MCM-41 catalysts prepared from as-synthesized MCM-41 and RhCl <sub>3</sub>	M. Boutros, G. Moarbess, <b>T. Onfroy</b> , <b>F. Launay</b>	Comptes Rendus Chimie	21	5	514-522
2018	55	Probing the in-air growth of large area of 3D functional structures into a 2D supramolecular nanoporous network	R. Brisse, D. Guianvarc'h, C. Mansuy, S. Sagan, D. Kreher, L. Sosa-Vargas, L. Hamitouche, <b>V. Humblot</b> , I. Arfaoui, V. Labet, C. Paris, C. Petit, A.-J. Attias	CHEMICAL COMMUNICATIONS	54	72	10068-10071

	56	Production and Characterization of Activated Carbon from Orange Peels by Chemical Activation with Sulfuric Acid	S. Guiza, S. Hajyahia, <b>F. Launay</b> , M. Bagane	Recent Advances In Environmental Science From The Euro-Mediterranean And Surrounding Regions, Vols I And Ii			959-961
2018	57	Recent development of heterogeneous catalysis in ring-opening, biocatalysis, and selective partial oxidation reactions on metal oxides	I. Fechete*, <b>J.-C. Védrine*</b>	Comptes Rendus Chimie	21	3-4	408-418
2018	58	Role of solute-solvent hydrogen bonds on the ground state and the excited state proton transfer in 3-hydroxyflavone. A systematic spectrophotometric study	S. Lazzaroni, D. Dondi, <b>A. Mezzetti</b> , S. Protti	PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES	17	7	923-933
2018	59	Selective Catalytic Reduction of NO(x) over Au/Al <sub>2</sub> O <sub>3</sub> : Influence of the Gold Loading on the Promoting Effect of H <sub>2</sub> in H <sub>2</sub> -Assisted C <sub>3</sub> H <sub>6</sub> -SCR of NO(x)	<b>T. Chaieb</b> , <b>C. Thomas</b> , <b>S. Casale</b> , <b>C. Louis</b> , <b>L. Delannoy*</b>	Catalysis Letters	148	2	539-546
2018	60	Selective Oxidation of Methane to Formaldehyde Catalyzed by Phosphates: Kinetic Description by Bond Strengths and Specific Total Acidities	V. Gomonaj, <b>H. Toulhoat*</b>	ACS CATALYSIS	8	9	8263-8272
2018	61	Single-site and nano-confined photocatalysts designed in porous materials for environmental uses and solar fuels	H. Yamashita, K. Mori, Y. Kuwahara, T. Kamegawa, M. Wen, P. Verma, <b>M. Che</b>	CHEMICAL SOCIETY REVIEWS	47	22	8072-8096
2018	62	Site-specific grafting on titanium surfaces with hybrid temporin antibacterial peptides	N. Masurier, J.-B. Tissot, D. Boukhriss, S. Jebors, C. Pinese, P. Verdié, M. Amblard, A. Mehdi, J. Martinez, <b>V. Humblot*</b> , G. Subra*	Journal of Materials Chemistry B	6	12	1782-1790
2018	63	Sn-BEA zeolites prepared by two-step postsynthesis method: Physicochemical properties and catalytic activity in processes based on MPV reduction	N.-O. Popovych, P.-K. Kyriienko, <b>Y. Millot</b> , <b>L. Valentin</b> , J. Gurgul, R.-P. Socha, J. Zukrowsi, S.-O. Soloviev, <b>S. Dzwigaj*</b>	Microporous and Mesoporous Materials	268		178-188

2018	64	Spiky gold shells on magnetic particles for DNA biosensors	E. Bedford, S. Boujday, C.-M. Pradier, F.-X. Gu	Talanta	182		259-266
2018	65	Stabilisation of small mono- and bimetallic gold-silver nanoparticles by calix[8]arene derivatives	P. Ray, M. Clément, C. Martini, I. Abdellah, P. Beaunier, J.-L. Rodriguez-Lopez, V. Huc, H. Remita, I. Lampre	New Journal of Chemistry	42		14128-14137
2018	66	Stable Carboxylate-Terminated Gold Surfaces Produced by Spontaneous Grafting of an Alkyltin Compound	M. Ortiz*, A. M. Debela, C. Méthivier, S. Thorimbert, B. Hasenknopf, C.-K. O'Sullivan*	Chemistry A European Journal	24	43	11177-11184
2018	67	Structural study of the MO-Nd <sub>2</sub> O <sub>3</sub> system obtained by a sol-gel procedure	D. Crişan, N. Drăgan, M. Crişan, A. Ianculescu, L. Todan, J. C. Védrine, D. Filkova, M. Gabrovská, R. E. Kardjieva	C.R. Chimie	21		232-246
2018	68	Synthesis of RNA Nucleotides in Plausible Prebiotic Conditions from ab Initio Computer Simulations	A. Perez-Villa, A.-M. Saitta, T. Georgelin, J.-F. Lambert, F. Guyot, M.-C. Maurel, F. Pietrucci*	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	9	17	4981-4987
2018	69	System and method for producing biogas	F. Launay, H. Bouzrara	Eur. Pat. Appl.			
2018	70	The structural and the photoelectrochemical properties of ZnO-ZnS/ITO 1D hetero-junctions prepared by tandem electrodeposition and surface sulfidation: on the material processing limits	A. Brayek, S. Chaguetmi, M. Ghoul, I. Ben Assaker, R. Chtourou, P. Decorse, P. Beaunier, S. Nowak, F. Mammeri, S. Ammar*	RSC Advances	21		11785-11798
2018	71	Tough thiourethane thermoplastics for fused filament fabrication	G. Ellson, X. Carrier, J. Walton, S. Mahmood Faisal; K. Yang, J. Salazar, E. Walter*	Journal of Applied Polymer Science	135	6	45574
	72	Transforming a Diamagnetic Ordered Mesoporous Silica Monolith into a Room Temperature Permanent Magnet through Multiscale Control of the Magnetic Properties	V. Tronnoy, L. Altensmidt, G. Fornasieri, A. Bordage, E. Rivière, P. Beaunier, A. Bleuzen*	Chemnanomat	4	12	1254-1261



2018	73	Tunable laser interference lithography preparation of plasmonic nanoparticle arrays tailored for SERS	N.-G. Quilis, <b>M. Lequeux</b> , P. Venugopalan, I. Khan, W. Knoll, <b>S. Boujday</b> , M.-L. de la Chapelle, J. Dostalek*	Nanoscale	10	21	10268-10276
2018	74	Unsupported shaped cobalt nanoparticles as efficient and recyclable catalysts for the solvent-free acceptorless dehydrogenation of alcohols	A. Viola, J. Peron, K. Kazmierczak, M. Giraud, C. Michel, L. Sicard, N. Perret, <b>P. Beaunier</b> , M. Sicard, M. Besson, J.-Y. Piquemal*	Catalysis Science & Technology	8	2	562-572