# M. Claude FORANO

UFR de Chimie(https://chimie.uca.fr/contacts-et-plan-dacces)

## Coordonnées


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## Activités / CV

## Fonctions à l'ICCF

- Membre de l'équipe Matériaux Inorganiques (MI)(https://iccf.uca.fr/recherche/materiaux-inorganiques)
- Membre de la thématique Hydroxydes Doubles Lamellaires (HDL)(https://iccf.uca.fr/recherche/materiaux-inorganiques/hydroxydes-doubles-lamellaires)

## Corps

PR UCA

## Informations complémentaires

Publications HAL de Claude,FORANO de la collection PRES_CLERMONT

2023

**titre**

The effect of Zr(IV) addition on the phosphate removal properties of MgAl-LDH(https://uca.hal.science/hal-04298962)

**auteur**

Kamilla Thingholm Bünning, Tae-Hyun Kim, Vanessa Prevot, Claude Forano, Ulla Gro Nielsen

**article**

*Applied Clay Science*, 2023, 245, pp.107125. 10.1016/j.clay.2023.107125(https://dx.doi.org/10.1016/j.clay.2023.107125)

**typdoc**

Journal articles

**DOI**

DOI : 10.1016/j.clay.2023.107125(https://dx.doi.org/10.1016/j.clay.2023.107125)

**Accès au texte intégral et bibtex**

(https://uca.hal.science/hal-04298962/file/Main_manuscript_Zr%28IV%29_paper.pdf) (https://uca.hal.science/hal-04298962/bibtex)

**titre**

MgAl and ZnAl layered double hydroxides modified with molybdate and tungstate anions as catalysts for oxidation of cyclohexane(https://uca.hal.science/hal-04298957)

**auteur**

Carolina Machado Terzi, Everton Henrique dos Santos, Charles Carvalho, Vanessa Prevot, Fernando Wypych, Claude Forano, Shirley Nakagaki

**article**

*Catalysis Today*, 2023, 422, pp.114221. 10.1016/j.cattod.2023.114221(https://dx.doi.org/10.1016/j.cattod.2023.114221)

**typdoc**

Journal articles

**DOI**

DOI : 10.1016/j.cattod.2023.114221(https://dx.doi.org/10.1016/j.cattod.2023.114221)

**Accès au texte intégral et bibtex**

(https://uca.hal.science/hal-04298957/file/Manuscript-final.pdf) (https://uca.hal.science/hal-04298957/bibtex)

**titre**

Chemical and biological signatures of water and fluxes from clouds to rivers at the watershed level in a natural context.(https://hal.science/hal-04149910)

**auteur**

Tiphaine Labed-Veydert, Muriel Joly, Céline Judon, Martin Leremboure, Guillaume Voyard, Claude Forano, Angélica Bianco, Jean-Luc Baray, Joan Artigas, Clarisse Mallet, Delphine Latour, Erwan Roussel, Patrick Jame, Erik Bonjour, Franck Jabot, Julien Pottier, Pierre Amato

**article**

*EGU General Assembly*, Apr 2023, Vienna (AUSTRIA), Austria. 10.5194/egusphere-egu23-6760(https://dx.doi.org/10.5194/egusphere-egu23-6760)

**typdoc**

Conference papers

**DOI**

DOI : 10.5194/egusphere-egu23-6760(https://dx.doi.org/10.5194/egusphere-egu23-6760)

**Accès au bibtex**

(https://hal.science/hal-04149910/bibtex)

**titre**

Enhanced photocatalytic activity of hydrozincite-TiO2 nanocomposite by copper for removal of pharmaceutical pollutant mefenamic acid in aqueous solution(https://uca.hal.science/hal-03843091)

**auteur**

Lekbira El Mersly, El Mountassir El Mouchtari, El Mostafa Moujahid, Samir Briche, Abdelaaziz Alaoui Tahiri, Claude Forano, Vanessa Prévot, Salah Rafqah

**article**

*Environmental Science and Pollution Research*, 2023, 30 (9), pp.24575-24589. 10.1007/s11356-022-23832-w(https://dx.doi.org/10.1007/s11356-022-23832-w)

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Journal articles

**DOI**

DOI : 10.1007/s11356-022-23832-w(https://dx.doi.org/10.1007/s11356-022-23832-w)

**Accès au texte intégral et bibtex**

(https://uca.hal.science/hal-03843091/file/Manuscript%20HZ-Cu-Ti_photocatalysis_%20Revised.pdf) (https://uca.hal.science/hal-03843091/bibtex)

**titre**

Aldolase and N-heterocyclic carbene gold( i ) catalysts: compartmentalization and immobilization on anionic clays for concurrent hybrid catalysis at acidic pH(https://uca.hal.science/hal-04442076)

**auteur**

Cédric Gastaldi, Virgil Hélaine, Muriel Joly, Arnaud Gautier, Claude Forano, Christine Guérard-Hélaine

**article**

*Catalysis Science & Technology*, 2023, 13 (6), pp.1623-1627. 10.1039/D2CY02056D(https://dx.doi.org/10.1039/D2CY02056D)

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Journal articles

**DOI**

DOI : 10.1039/D2CY02056D(https://dx.doi.org/10.1039/D2CY02056D)

**Accès au bibtex**

(https://uca.hal.science/hal-04442076/bibtex)

2022

**titre**

Mixing chemo- and biocatalysis for rare monosaccharide production by combining aldolase and N-heterocyclic carbene gold catalysts(https://hal.science/hal-03726536)

**auteur**

Cédric Gastaldi, Ghozlene Mekhloufi, Claude Forano, Arnaud Gautier, Christine Guérard-Hélaine

**article**

*Green Chemistry*, 2022, 24 (9), pp.3634-3639. 10.1039/D2GC00667G(https://dx.doi.org/10.1039/D2GC00667G)

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**DOI**

DOI : 10.1039/D2GC00667G(https://dx.doi.org/10.1039/D2GC00667G)

**Accès au texte intégral et bibtex**

(https://hal.science/hal-03726536/file/Green%20chem.pdf) (https://hal.science/hal-03726536/bibtex)

**titre**

Pickering emulsions based on layered double hydroxides and metal hydroxides(https://uca.hal.science/hal-03759641)

**auteur**

Vanessa Prévot, Cédric Gastaldi, Claude Forano

**article**

*Clay Minerals and Synthetic Analogous as Emulsifiers of Pickering Emulsions*, 10, Elsevier, pp.351-375, 2022, Developments in Clay Science, 978-0-323-91858-9. 10.1016/B978-0-323-91858-9.00010-0(https://dx.doi.org/10.1016/B978-0-323-91858-9.00010-0)

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Book sections

**DOI**

DOI : 10.1016/B978-0-323-91858-9.00010-0(https://dx.doi.org/10.1016/B978-0-323-91858-9.00010-0)

**Accès au texte intégral et bibtex**

(https://uca.hal.science/hal-03759641/file/Chapter%2011_Final_Pickering%20and%20LDH.pdf) (https://uca.hal.science/hal-03759641/bibtex)

2021

**titre**

Evaluation of hierarchical glucose oxidase/Co3Mn-CO3 LDH modified electrodes for glucose detection(https://uca.hal.science/hal-03256628v2)

**auteur**

Hani Farhat, Joel Célier, Claude Forano, Christine Mousty

**article**

*Electrochimica Acta*, 2021, 376, pp.138050. 10.1016/j.electacta.2021.138050(https://dx.doi.org/10.1016/j.electacta.2021.138050)

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**DOI**

DOI : 10.1016/j.electacta.2021.138050(https://dx.doi.org/10.1016/j.electacta.2021.138050)

**Accès au texte intégral et bibtex**

(https://uca.hal.science/hal-03256628/file/Mousty%20ECA-2021.pdf) (https://uca.hal.science/hal-03256628v2/bibtex)

**titre**

ZnCr-LDHs with dual adsorption and photocatalysis capability for the removal of acid orange 7 dye in aqueous solution(https://uca.hal.science/hal-03145650)

**auteur**

Lekbira El Mersly, El Mountassir El Mouchtari, El Mostafa Moujahid, Claude Forano, Mohammadine El Haddad, Samir Briche, Abdelaaziz Alaoui Tahiri, Salah Rafqah

**article**

*Journal of Science: Advanced Materials and Devices*, 2021, 6 (1), pp.118-126. 10.1016/j.jsamd.2020.08.002(https://dx.doi.org/10.1016/j.jsamd.2020.08.002)

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Journal articles

**DOI**

DOI : 10.1016/j.jsamd.2020.08.002(https://dx.doi.org/10.1016/j.jsamd.2020.08.002)

**Accès au bibtex**

(https://uca.hal.science/hal-03145650/bibtex)

2020

**titre**

Insights into the Structure and the Electrochemical Reactivity of Cobalt-Manganese Layered Double Hydroxides: Application to H2O2 Sensing and glucose biosensing.(https://uca.hal.science/hal-03127400)

**auteur**

Claude Forano, H. Farhat, C. Taviot-Guého, G. Monier, V. Briois, Christine Mousty

**article**

*1st Annual Meeting of GDR 2088 "BIOMIM"*, Oct 2020, Nice, France

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Conference papers

**Accès au bibtex**

(https://uca.hal.science/hal-03127400/bibtex)

**titre**

Mixed-valence CoMn Layered Double Hydoxides nanoparticles as efficient electrocalalysts for hydrogen peroxide sensing.(https://uca.hal.science/hal-03120440)

**auteur**

H. Farhat, Christine Taviot-Gueho, G. Monier, V. Briois, Claude Forano, Christine Mousty

**article**

*71st annual meeting ISE, SYMPOSIUM 2 - Nanomaterials in electroanalysis and nanoelectrochemical sensors*, Aug 2020, Visio conference, France

**typdoc**

Conference papers

**Accès au bibtex**

(https://uca.hal.science/hal-03120440/bibtex)

**titre**

Structural insight into the photoinduced EZ isomerisation of cinnamate embedded in ZnAl and MgAl layered double hydroxides(https://hal.science/hal-02901669)

**auteur**

Zita Timár, Gabor Varga, Márton Szabados, Krisztián Csankó, Tünde Alapi, Claude Forano, Vanessa Prevot, Pál Sipos, István Pálinkó

**article**

*Journal of Molecular Structure*, 2020, 1219, pp.128561. 10.1016/j.molstruc.2020.128561(https://dx.doi.org/10.1016/j.molstruc.2020.128561)

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**DOI**

DOI : 10.1016/j.molstruc.2020.128561(https://dx.doi.org/10.1016/j.molstruc.2020.128561)

**Accès au texte intégral et bibtex**

(https://hal.science/hal-02901669/file/Zita_Hal.pdf) (https://hal.science/hal-02901669/bibtex)

**titre**

Insights into the Structure and the Electrochemical Reactivity of Cobalt-Manganese Layered Double Hydroxides: Application to H2O2 Sensing(https://hal.science/hal-02905127)

**auteur**

Hani Farhat, Christine Taviot-Gueho, Guillaume Monier, Valérie Briois, Claude Forano, Christine Mousty

**article**

*Journal of Physical Chemistry C*, 2020, 124 (28), pp.15585-15599. 10.1021/acs.jpcc.0c03860(https://dx.doi.org/10.1021/acs.jpcc.0c03860)

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**DOI**

DOI : 10.1021/acs.jpcc.0c03860(https://dx.doi.org/10.1021/acs.jpcc.0c03860)

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(https://hal.science/hal-02905127/file/CoRMn%20LDH_J%20Phys%20Chem%20C%20%28C.%20Forano%29.pdf) (https://hal.science/hal-02905127/bibtex)

2019

**titre**

Atomic Level Understanding of Orthophosphate Adsorption by Magnesium Aluminum-Layered Double Hydroxides—A Multitechnique Study(https://hal.science/hal-02386996)

**auteur**

Laura Lundehøj, Joel Cellier, Claude Forano, Ulla Gro Nielsen

**article**

*Journal of Physical Chemistry C*, 2019, 123 (39), pp.24039-24050. 10.1021/acs.jpcc.9b05891(https://dx.doi.org/10.1021/acs.jpcc.9b05891)

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**DOI**

DOI : 10.1021/acs.jpcc.9b05891(https://dx.doi.org/10.1021/acs.jpcc.9b05891)

**Accès au bibtex**

(https://hal.science/hal-02386996/bibtex)

**titre**

Sequestration of orthophosphate by Ca2Al-NO3 layered double hydroxide – Insight into reactivity and mechanism(https://hal.science/hal-02194020)

**auteur**

Belayneh Bekele, Laura Lundehøj, Nicholai Daugaard Jensen, Ulla Gro Nielsen, Claude Forano

**article**

*Applied Clay Science*, 2019, 176, pp.49-57. 10.1016/j.clay.2019.04.018(https://dx.doi.org/10.1016/j.clay.2019.04.018)

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**DOI**

DOI : 10.1016/j.clay.2019.04.018(https://dx.doi.org/10.1016/j.clay.2019.04.018)

**Accès au texte intégral et bibtex**

(https://hal.science/hal-02194020/file/S0169131719301437.pdf) (https://hal.science/hal-02194020/bibtex)

**titre**

Potential Sustainable Slow-Release Fertilizers Obtained by Mechanochemical Activation of MgAl and MgFe Layered Double Hydroxides and K2HPO4(https://hal.science/hal-02194030)

**auteur**

Roger Borges, Fernando Wypych, Elodie Petit, Claude Forano, Vanessa Prevot

**article**

*Nanomaterials*, 2019, 9 (2), pp.183. 10.3390/nano9020183(https://dx.doi.org/10.3390/nano9020183)

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**DOI**

DOI : 10.3390/nano9020183(https://dx.doi.org/10.3390/nano9020183)

**Accès au texte intégral et bibtex**

(https://hal.science/hal-02194030/file/Borges_Nanomaterials_2019.pdf) (https://hal.science/hal-02194030/bibtex)

2018

**titre**

The distribution of reactive Ni 2+ in 2D Mg 2x Ni x Al-LDH nanohybrid materials determined by solid state 27 Al MAS NMR spectroscopy(https://hal.science/hal-01942646)

**auteur**

Nicholai Daugaard Jensen, Claude Forano, Suraj Shiv Charan Pushparaj, Yusuke Nishiyama, Belayneh Bekele, Ulla Gro Nielsen

**article**

*Physical Chemistry Chemical Physics*, 2018, 20 (39), pp.25335-25342

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Journal articles

**Accès au bibtex**

(https://hal.science/hal-01942646/bibtex)

**titre**

Recent trends in electrochemical detection of phosphate in actual waters(https://hal.science/hal-02063347)

**auteur**

Claude Forano, Hani Farhat, Christine Mousty

**article**

*Current Opinion in Electrochemistry*, 2018, 11, pp.55-61. 10.1016/j.coelec.2018.07.008(https://dx.doi.org/10.1016/j.coelec.2018.07.008)

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Journal articles

**DOI**

DOI : 10.1016/j.coelec.2018.07.008(https://dx.doi.org/10.1016/j.coelec.2018.07.008)

**Accès au bibtex**

(https://hal.science/hal-02063347/bibtex)

**titre**

Interactions between Biological Cells and Layered Double Hydroxides: Towards Functional Materials(https://hal.science/hal-01878750)

**auteur**

Claude Forano, Felipe Bruna, Christine Mousty, Vanessa Prevot

**article**

*The Chemical Record*, 2018, 18 (7-8), pp.1150 - 1166. 10.1002/tcr.201700102(https://dx.doi.org/10.1002/tcr.201700102)

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Journal articles

**DOI**

DOI : 10.1002/tcr.201700102(https://dx.doi.org/10.1002/tcr.201700102)

**Accès au bibtex**

(https://hal.science/hal-01878750/bibtex)

**titre**

Tailoring Hybrid Layered Double Hydroxides for the Development of Innovative Applications(https://hal.science/hal-01647851)

**auteur**

Christine Taviot-Gueho, Vanessa Prévot, Claude Forano, Guillaume Renaudin, Christine Mousty, Fabrice Leroux

**article**

*Advanced Functional Materials*, 2018, 1703868, 10.1002/adfm.201703868(https://dx.doi.org/10.1002/adfm.201703868)

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Journal articles

**DOI**

DOI : 10.1002/adfm.201703868(https://dx.doi.org/10.1002/adfm.201703868)

**Accès au bibtex**

(https://hal.science/hal-01647851/bibtex)

2017

**titre**

Design and kinetic study of sustainable potential slow-release fertilizer obtained by mechanochemical activation of clay minerals and potassium monohydrogen phosphate.(https://hal.science/hal-01525137)

**auteur**

Roger Borges, Vanessa Prevot, Claude Forano, Fernando Wypych

**article**

*Industrial and engineering chemistry research*, 2017, 56, pp.708-176. 10.1021/acs.iecr.6b04378(https://dx.doi.org/10.1021/acs.iecr.6b04378)

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**DOI**

DOI : 10.1021/acs.iecr.6b04378(https://dx.doi.org/10.1021/acs.iecr.6b04378)

**Accès au bibtex**

(https://hal.science/hal-01525137/bibtex)

**titre**

Competitive reactions during synthesis of zinc aluminum layered double hydroxides by thermal hydrolysis of urea(https://hal.science/hal-02548069)

**auteur**

Line Boisen Staal, Suraj Shiv Charan Pushparaj, Claude Forano, Vanessa Prevot, Dorthe Bomholdt Ravnsbæk, Morten Bjerring, Ulla Gro Nielsen

**article**

*Journal of Materials Chemistry A*, 2017, 5 (41), pp.21795-21806. 10.1039/C7TA05761J(https://dx.doi.org/10.1039/C7TA05761J)

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**DOI**

DOI : 10.1039/C7TA05761J(https://dx.doi.org/10.1039/C7TA05761J)

**Accès au bibtex**

(https://hal.science/hal-02548069/bibtex)

2016

**titre**

High-Density Protein Loading on Hierarchically Porous Layered Double Hydroxide Composites with a Rational Mesostructure.(https://hal.science/hal-01384769)

**auteur**

Yasuaki Tokudome, Megu Fukui, Naoki Tarutani, Sari Nishimura, Vanessa Prevot, Claude Forano, Gowsihan Poologasundarampillai, Peter D. Lee, Masahide Takahashi

**article**

*Langmuir*, 2016, 32, pp.8826-8833. 10.1021/acs.langmuir.6b01925(https://dx.doi.org/10.1021/acs.langmuir.6b01925)

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DOI : 10.1021/acs.langmuir.6b01925(https://dx.doi.org/10.1021/acs.langmuir.6b01925)

**Accès au bibtex**

(https://hal.science/hal-01384769/bibtex)

**titre**

Structural Investigation of Zn(II) Insertion in Bayerite, an Aluminum Hydroxide.(https://hal.science/hal-01384759)

**auteur**

Suraj Shiv Charan Pushparaj, Nicholai Daugaard Jensen, Claude Forano, Gregory J. Rees, Vanessa Prevot, John V. Hanna, Dorthe B. Ravnsbæk, Morten Bjerring, Ulla Gro Nielsen

**article**

*Inorganic Chemistry*, 2016, 55, pp.9306-9315. 10.1021/acs.inorgchem.6b01436(https://dx.doi.org/10.1021/acs.inorgchem.6b01436)

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DOI : 10.1021/acs.inorgchem.6b01436(https://dx.doi.org/10.1021/acs.inorgchem.6b01436)

**Accès au bibtex**

(https://hal.science/hal-01384759/bibtex)

2015

**titre**

Insight into the photocatalytic activity of ZnCr LDH and derived mixed oxides.(https://hal.science/hal-01213367)

**auteur**

Šárka Paušová, Josef Krýsa, Jaromír Jirkovský, Claude Forano, Gilles Mailhot, Vanessa Prevot

**article**

*Applied Catalysis B: Environmental*, 2015, 170-171, pp.25-33. 10.1016/j.apcatb.2015.01.029(https://dx.doi.org/10.1016/j.apcatb.2015.01.029)

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DOI : 10.1016/j.apcatb.2015.01.029(https://dx.doi.org/10.1016/j.apcatb.2015.01.029)

**Accès au bibtex**

(https://hal.science/hal-01213367/bibtex)

**titre**

Current trends in iron complexes intercalated Layered Double Hydroxides.(https://hal.science/hal-01213801)

**auteur**

Claude Forano, Mustapha Abdelmoula, El Mouloudi Sabbar, Vanessa Prevot, Christine Taviot-Gueho

**article**

*Current Inorganic Chemistry* , 2015, 5, pp.194-207. 10.2174/1877944105666150421000034(https://dx.doi.org/10.2174/1877944105666150421000034)

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DOI : 10.2174/1877944105666150421000034(https://dx.doi.org/10.2174/1877944105666150421000034)

**Accès au bibtex**

(https://hal.science/hal-01213801/bibtex)

**titre**

How the Method of Synthesis Governs the Local and Global Structure of Zinc Aluminum Layered Double Hydroxides(https://hal.science/hal-01276516)

**auteur**

Suraj Shiv Charan Pushparaj, Claude Forano, Vanessa Prevot, Andrew S. Lipton, Gregory J. Rees, John V. Hanna, Ulla Gro Nielsen

**article**

*Journal of Physical Chemistry C*, 2015, 119, pp.27695-27707. 10.1021/acs.jpcc.5b09490(https://dx.doi.org/10.1021/acs.jpcc.5b09490)

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**DOI**

DOI : 10.1021/acs.jpcc.5b09490(https://dx.doi.org/10.1021/acs.jpcc.5b09490)

**Accès au bibtex**

(https://hal.science/hal-01276516/bibtex)

**titre**

Bacteria encapsulated in Layered Double Hydroxides: an efficient Bionanohybrid for remediation processes.(https://hal.science/hal-01213557)

**auteur**

Matilte Halma, Christine Mousty, Claude Forano, Martine Sancelme, Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Vanessa Prevot

**article**

*Colloids and Surfaces B: Biointerfaces*, 2015, 126, pp.344-350. 10.1016/j.colsurfb.2014.11.029(https://dx.doi.org/10.1016/j.colsurfb.2014.11.029)

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DOI : 10.1016/j.colsurfb.2014.11.029(https://dx.doi.org/10.1016/j.colsurfb.2014.11.029)

**Accès au bibtex**

(https://hal.science/hal-01213557/bibtex)

**titre**

Polysaccharide-layered double hydroxide-aldolase biohybrid beads for biocatalysed CC bond formation.(https://hal.science/hal-01222498)

**auteur**

Rima Mahdi, Christine Guérard-Hélaine, Céline Laroche, Philippe Michaud, Vanessa Prévot, Claude Forano, Marielle Lemaire

**article**

*Journal of Molecular Catalysis B: Enzymatic*, 2015, 122, pp.204-211. 10.1016/j.molcatb.2015.07.014(https://dx.doi.org/10.1016/j.molcatb.2015.07.014)

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**DOI**

DOI : 10.1016/j.molcatb.2015.07.014(https://dx.doi.org/10.1016/j.molcatb.2015.07.014)

**Accès au bibtex**

(https://hal.science/hal-01222498/bibtex)

**titre**

Chiral polyol synthesis catalyzed by a thermostable Transketolase immobilized on Layered Double Hydroxides in Ionic liquids.(https://hal.science/hal-01213647)

**auteur**

Ghina Ali, Thomas Moreau, Claude Forano, Christine Mousty, Vanessa Prevot, Franck Charmantray, Laurence Hecquet

**article**

*ChemCatChem*, 2015, 7, pp.3163-3170. 10.1002/cctc.201500524(https://dx.doi.org/10.1002/cctc.201500524)

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**DOI**

DOI : 10.1002/cctc.201500524(https://dx.doi.org/10.1002/cctc.201500524)

**Accès au bibtex**

(https://hal.science/hal-01213647/bibtex)

**titre**

Design of Artificial Metabolisms in Layered Nanomaterials for the Enzymatic Synthesis of Phosphorylated Sugars.(https://hal.science/hal-01213630)

**auteur**

Rima Mahdi, Christine Guérard-Hélaine, Vanessa Prévot, Véronique de Berardinis, Claude Forano, Marielle Lemaire

**article**

*ChemCatChem*, 2015, 7, pp.3110-3115. 10.1002/cctc.201500606(https://dx.doi.org/10.1002/cctc.201500606)

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**DOI**

DOI : 10.1002/cctc.201500606(https://dx.doi.org/10.1002/cctc.201500606)

**Accès au bibtex**

(https://hal.science/hal-01213630/bibtex)

2014

**titre**

Anionic iron(III)porphyrin immobilized on/into exfoliated macroporous layered double hydroxides as catalyst for oxidation reactions.(https://hal.science/hal-01122055)

**auteur**

Shirley Nakagaki, Kelly A. D. F. Castro, Geani M. Ucoski, Matilte Halma, Vanessa Prévot, Claude Forano, Fernando Wypych

**article**

*Journal of the Brazilian Chemical Society*, 2014, 25, pp.2329-2338. 10.5935/0103-5053.20140241(https://dx.doi.org/10.5935/0103-5053.20140241)

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**titre**

Heterogeneous photocatalytic degradation of pesticides using decatungstate intercalated macroporous layered double hydroxides.(https://hal.science/hal-01085300)

**auteur**

Eliana S. Da Silva, Vanessa Prevot, Claude Forano, Pascal Wong-Wah-Chung, Hugh D. Burrows, Mohamed Sarakha

**article**

*Environmental Science and Pollution Research*, 2014, 21, pp.11218-11227. 10.1007/11356.014-2971-z(https://dx.doi.org/10.1007/11356.014-2971-z)

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**titre**

Electrochemical determination of mesotrione at organoclay modified glassy carbon electrodes( https://hal.science/hal-00795697)

**auteur**

Josephine Kamga Wagheu, Claude Forano, Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Ignas K. Tonle, Emmanuel Ngameni, Christine Mousty

**article**

*Talanta*, 2013, 103, pp.337-343

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**titre**

Optimized immobilization of Transketolase from E. coli in MgAl-Layered Double Hydroxides.( https://hal.science/hal-00948890)

**auteur**

Nadia Touisni, Franck Charmantray, Virgil Hélaine, Claude Forano, Laurence Hecquet, Christine Mousty

**article**

*Colloids and Surfaces B: Biointerfaces*, 2013, 112, pp.452-459

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**titre**

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**auteur**

Vanessa Prevot, Christine Mousty, Claude Forano

**article**

*Advances in Chemistry Research*, Nova Publishers, pp.35-83 (vol. 17), 2013

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**titre**

Layered Double Hydroxides (LDH)(https://hal.science/hal-00951105)

**auteur**

Claude Forano, U. Costantino, V. Prévot, Christine Taviot-Gueho

**article**

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2012

**titre**

Adsorption de PCB par des phases HDL organomodifiées(https://hal-emse.ccsd.cnrs.fr/emse-00681248)

**auteur**

Edith Dumas, Valérie Laforest, Marie-Elisabeth de Roy, Claude Forano, Jacques Bourgois

**article**

*Colloque international " l'Eau, les Déchets et le Developpement Durable " (E3D)*, Mar 2012, Agadir, Maroc

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**titre**

An insight into the electrochemical behavior of Co/Al Layered Double Hydroxide thin films prepared by electrodeposition(https://hal.science/hal-00687395)

**auteur**

Erika Scavetta, Barbara Ballarin, Claudio Corticelli, Isacco Gualandi, Domenica Tonelli, Vanessa Prevot, Claude Forano, Christine Mousty

**article**

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**titre**

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**auteur**

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**titre**

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**auteur**

Edith Dumas, Bertrand Legeret, Valérie Laforest, Jacques Bourgois, Marie-Elisabeth de Roy, Claude Forano

**article**

*12th European Meeting on Environmental Chemistry*, Dec 2011, Clermont-Ferrand, France. p 166

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**auteur**

Abdelkader Zebda, Sophie Tingry, Christophe Innocent, Serge Cosnier, Claude Forano, Christine Mousty

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*Electrochimica Acta*, 2011, 56 (28), pp.10378-10384. 10.1016/j.electacta.2011.01.101(https://dx.doi.org/10.1016/j.electacta.2011.01.101)

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**titre**

Enhancing atrazine biodegradation by Pseudomonas sp. strain ADP adsorption to Layered Double Hydroxide bionanocomposites(https://hal.science/hal-00609582)

**auteur**

Tatiana Alekseeva, Vanessa Prevot, Martine Sancelme, Claude Forano, Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan

**article**

*Journal of Hazardous Materials*, 2011, 191, pp.126-135

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**titre**

Efficient immobilization of fructose-6-phosphate aldolase in layered double hydroxide: improved stereoselective synthesis of sugar analogues(https://hal.science/hal-00582409)

**auteur**

Christine Guérard-Hélaine, Bertrand Legeret, Carlos Fernandes, Vanessa Prevot, Claude Forano, Marielle Lemaire

**article**

*New J. Chem.*, 2011, 35, pp.776-779

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**titre**

Efficient immobilization of yeast transketolase on layered double hydroxides and application for ketose synthesis(https://hal.science/hal-00603696)

**auteur**

Karima Benaissi, Virgil Hélaine, Vanessa Prevot, Claude Forano, Laurence Hecquet

**article**

*Advanced Synthesis and Catalysis*, 2011, 353, pp.1497-1509

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**titre**

Photocatalytic properties of aqueous systems containing TiO2 nanoparticles(https://hal.science/hal-00695270)

**auteur**

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*Catalysis Today*, 2010, pp.140-146

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**titre**

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**auteur**

Karima Benaissi, M. Sanchez-Paniagua Lopez, Franck Charmantray, Virgil Hélaine, Vanessa Prevot, Claude Forano, Christine Mousty, Laurence Hecquet

**article**

*COST Castcat Meeting*, Sep 2010, Vilnius, Lithuania

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**titre**

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**auteur**

Marielle Lemaire, Christine Hélaine, Carlos Fernandes, Vanessa Prevot, Claude Forano

**article**

*COST Castcat*, Sep 2010, Vilnius, Lithuania

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**auteur**

Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Tatiana Alekseeva, Martine Sancelme, Vanessa Prevot, Claude Forano

**article**

*8ème Congrès national de la SFM*, Jun 2010, Marseille, France

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**titre**

Etude de l'immobilisation de la fructose-6-phosphate aldolase support hydroxyde double lamellaire(https://hal.science/hal-00493337)

**auteur**

Christine Guérard-Hélaine, Bertrand Legeret, Vanessa Prevot, Claude Forano, Marielle Lemaire

**article**

*23ème colloque du Club Bioconversion en Synthèse Organique, CBSO 2010*, May 2010, Royat, France

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**auteur**

Karima Benaissi, Franck Charmantray, Virgil Hélaine, Vanessa Prevot, Laurence Hecquet, Claude Forano

**article**

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Tatiana Alekseeva, Martine Sancelme, Claude Forano, Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan

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**auteur**

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**titre**

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**auteur**

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**titre**

Atrazine biodegradation modulated by clays and clay/humic acid complexes(https://hal.science/hal-00413419)

**auteur**

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*Environmental Pollution*, 2009, 157, pp.2837-2844. 10.1016/j.envpol.2009.04.005(https://dx.doi.org/10.1016/j.envpol.2009.04.005)

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**auteur**

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*Congrès Interdisciplinaire "Interactions entre les processus physico-chimiques et microbiologiques dans l'environnement"*, Oct 2008, AUBIERE, France

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Loïc Perrin, Valérie Laforest, Marie-Elisabeth de Roy, Claude Forano, Jacques Bourgois

**article**

2008

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**titre**

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**auteur**

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**article**

*Journal of Photochemistry and Photobiology A: Chemistry*, 2008, 199 (2-3), pp.297-302

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**auteur**

Loïc Perrin, Valérie Laforest, Marie-Elisabeth de Roy, Claude Forano, Jacques Bourgois

**article**

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**auteur**

E. Geraud, Salah Rafqah, Mohamed Sarakha, Claude Forano, Vanessa Prevot, Fabrice Leroux

**article**

*Chemistry of Materials*, 2008, 20 (3), pp.1116-1125

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**auteur**

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**titre**

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**auteur**

Cécile Chamignon, Nicolas Haroune, Claude Forano, A.M. Delort, Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Bruno Combourieu

**article**

*European Journal of Soil Science*, 2008, 59, pp.572-583

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**auteur**

Vinciane Tardif, Valérie Laforest, Marie-Elisabeth de Roy, Claude Forano, Jacques Bourgois

**article**

*11ème congrès de la Société Française du Génie des Procédés*, Oct 2007, Saint Etienne, France

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**titre**

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**auteur**

Vinciane Tardif, Valérie Laforest, Marie-Elisabeth de Roy, Claude Forano, Jacques Bourgois

**article**

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**titre**

Valorisation des boues d'hydroxydes polymétalliques issues du traitement de surfaces(https://hal-emse.ccsd.cnrs.fr/emse-00410604)

**auteur**

Loïc Perrin, Valérie Laforest, Marie-Elisabeth de Roy, Claude Forano, Jacques Bourgois

**article**

*Séminaire de la Société Industrielle Minérale à Paris*, Sep 2007, France

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**titre**

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**auteur**

Tatiana Alekseeva, Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Françoise Binet, A.M. Delort, Claude Forano, Nathalie Le Bris-Josselin, Martine Sancelme, C. Tixier

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**auteur**

Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Tatiana Alekseeva, Martine Sancelme, A. M. Delort, Claude Forano

**article**

*Joint Meeting: Groupe Français des Argiles & The Clay Mineral Society, 4ème Colloque du GFA -43 rd Annual Meeting of the CMS*, 2006, Poitiers et Ile d'Oléron, France

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**auteur**

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**article**

*6th European Meeting on Environmental Chemistry*, Dec 2005, Belgrade

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**titre**

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**auteur**

Valérie Laforest, Adeline Tatangelo, Claude Forano, Marie-Elisabeth de Roy, Jacques Bourgois

**article**

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**titre**

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**auteur**

Adeline Tatangelo, Valérie Laforest, Marie-Elisabeth de Roy, Claude Forano, Jacques Bourgois

**article**

*VIème congrès international du GRUTTEE*, Sep 2005, Aix-les-Bains, France

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**titre**

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**auteur**

Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, M. Sancelme, A.M. Delort, Tatiana Alekseeva, Claude Forano

**article**

*Workshop "Environmental technologies"*, Sep 2005, Prague, Czech Republic

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**auteur**

Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Martine Sancelme, A.M. Delort, Tatiana Alekseeva, Christine Taviot-Gueho, Claude Forano

**article**

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**titre**

Mobility of organic pollutants adsorbed on clays monitored by various MAS NMR approaches( https://hal.science/hal-00128406)

**auteur**

Bruno Combourieu, S. Durand, C. Chamignon, Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, M. Sancelme, Claude Forano, A.M. Delort

**article**

*GERM XIX*, Apr 2005, Carry le Rouet, France

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**titre**

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**auteur**

Bruno Combourieu, Stéphanie Durand, Cécile Chamignon, Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Martine Sancelme, Claude Forano, A.M. Delort

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**auteur**

Bruno Combourieu, J. Inacio, C. Tavio-Gueho, Claude Forano, A.M. Delort

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*Environmental Chemistry. Green Chemistry and Pollutants in Ecosystems*, Eds, Springer-Verlag, pp. 472, 2005

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**auteur**

Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, A.M. Delort, Claude Forano, Claire Richard, Martine Sancelme, Jean-Pierre Aguer, B. Lavedrine, Tatiana Alekseeva, Christine Taviot-Gueho, A. Kersante, Nathalie Le Bris-Josselin, F. Binet

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Study of thermal stability of three phosphonium based ionic liquids(https://hal.science/hal-00012496)

**auteur**

Karine Ballerat-Busserolles, P. Brousseau, Claude Forano, Vladimir Majer

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*21th European Symposium on Applied Thermodynamics*, 2005, France. pp.105-108

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**auteur**

Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Martine Sancelme, A.M. Delort, Françoise Binet, Tatiana Alekseeva, Christine Taviot-Gueho, Claude Forano

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(https://hal.science/hal-00138785/bibtex)

**titre**

Biodegradation of atrazine sorbed on soil-models or natural soils(https://hal.science/hal-00137335)

**auteur**

Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Martine Sancelme, A.M. Delort, Françoise Binet, Tatiana Alekseeva, Claude Forano

**article**

*4th International Symposium on Environmental Aspects of Pesticide Microbiology: Pesticides, microbial functions and biodiversity in soils*, Sep 2004, Thessalonique, Greece

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(https://hal.science/hal-00137335/bibtex)

**titre**

Mobility of absorbed organic pollutants on clays monitored by various mass NMR approaches( https://hal.science/hal-00138687)

**auteur**

Bruno Combourieu, Stéphanie Durand, Cécile Chamignon, Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Martine Sancelme, Claude Forano, A.M. Delort

**article**

*17th EENC / 32nd AMPERE*, Sep 2004, Lille, France

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(https://hal.science/hal-00138687/bibtex)

**titre**

Biodegradation of atrazine sorbed to model soils and natural soils.(https://hal.science/hal-00102242)

**auteur**

Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Tatiana Alekseeva, Françoise Binet, Martine Sancelme, Claude Forano, A.M. Delort

**article**

*4th International Symposium on Environmental Aspects of Pesticide Microbiology*, Sep 2004, Thessalonique, Greece

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**Accès au bibtex**

(https://hal.science/hal-00102242/bibtex)

**titre**

Mobility of pollutants adsorbed models monitored by various mass NMR approaches. A key-point in the fate of pollutants(https://hal.science/hal-00137347)

**auteur**

Bruno Combourieu, Stéphanie Durand, Cécile Chamignon, Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Martine Sancelme, Claude Forano, A.M. Delort

**article**

*9th FECS Conference on Chemistry and the Environment / 2nd SFC Meeting on Environmental Chemistry*, Aug 2004, Bordeaux, France

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**Accès au bibtex**

(https://hal.science/hal-00137347/bibtex)

**titre**

Influence des interactions polluant-matrice solide (modèles de sol/sols naturels) sur la biodégradation de l'atrazine(https://hal.science/hal-00138622)

**auteur**

Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Tatiana Alekseeva, Claude Forano, Françoise Binet, Martine Sancelme, A.M. Delort

**article**

*Société Française de Microbiologie, VI ème Congrès National*, May 2004, Bordeaux, France

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**Accès au bibtex**

(https://hal.science/hal-00138622/bibtex)

**titre**

Influence des interactions polluant-matrice solide (modèles de sol/sols naturels) sur la biodégradation de l'atrazine(https://hal.science/hal-00137299)

**auteur**

Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Tatiana Alekseeva, Claude Forano, Françoise Binet, Martine Sancelme, A.M. Delort

**article**

*VIème Congrès National, Société Française de Microbiologie*, May 2004, Bordeaux, France

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(https://hal.science/hal-00137299/bibtex)

**titre**

Biodegradation of atrazine sorbed on soil models or onnatural soils(https://hal.science/hal-00138513)

**auteur**

Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Tatiana Alekseeva, Claude Forano, Françoise Binet, Martine Sancelme, A.M. Delort

**article**

*Saturated and unsaturated zone : integration of process knowledge into effective models*, May 2004, Rome, Italy

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**Accès au bibtex**

(https://hal.science/hal-00138513/bibtex)

**titre**

Biodegradation of atrazine in the presence of soils models(https://hal.science/hal-00138514)

**auteur**

Pascale Pascale Besse, P. Besse-Hoggan Besse-Hoggan, Martine Sancelme, A.M. Delort, Tatiana Alekseeva, Christine Taviot-Gueho, Claude Forano

**article**

*ESEB 2004*, Apr 2004, Oostende, Belgium

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(https://hal.science/hal-00138514/bibtex)

1994

**titre**

Anion-exchanging clay-modified electrodes: synthetic layered double hydroxides intercalated with electroactive organic anions(https://hal.science/hal-02182274)

**auteur**

Christine Mousty, Sandrine Therias, Claude Forano, Jean-Pierre Besse

**article**

*Journal of Electroanalytical Chemistry*, 1994, 374 (1-2), pp.63-69. 10.1016/0022-0728(94)03346-3( https://dx.doi.org/10.1016/0022-0728(94)03346-3)

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