Sophie COMMEREUC

Institut de Chimie de Clermont-Ferrand(https://iccf.uca.fr/unite/presentation)

Coordonnées

Mail	Sophie.COMMEREUC@uca.fr(mailto:Sophie%2ECOMMEREUC%40uca%2Efr)

Activités / CV

Fonctions à l'ICCF

- Membre de l'équipe Photochimie(https://iccf.uca.fr/recherche/photochimie)
- Membre de la thématique Cycle de Vie des Polymères (CVP)

Corps

PR Clermont Auvergne INP

Informations complémentaires

Publications HAL de Sophie,COMMEREUC de la collection PRES_CLERMONT

2018

titre

Toward a Better Understanding of the Fused Deposition Modeling Process: Comparison with Injection Molding(https://hal.science/hal-02060590)

auteur

Haroutioun Askanian, Daniel Muranaka de Lima, Sophie Commereuc, Vincent Verney

article

3D Printing and Additive Manufacturing, 2018, 5 (4), pp.319-327. 10.1089/3dp.2017.0060(https://dx.doi.org/10.1089/3dp.2017.0060)

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Journal articles

DOI

DOI : 10.1089/3dp.2017.0060(https://dx.doi.org/10.1089/3dp.2017.0060)

Accès au bibtex

(https://hal.science/hal-02060590/bibtex)

titre

Influence of Ionic Liquids on the Morphology of Corn Flour/Polyester Mixtures(https://hal.science/hal-01916400)

auteur

Martina Polaskova, Roman Cermak, Zdenek Polasek, Sophie Commereuc, Vincent Verney, Margarida Costa Gomes, Agílio Pádua

article

Starch/Stärke, 2018, 70 (11-12), 10.1002/star.201700233(https://dx.doi.org/10.1002/star.201700233)

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DOI : 10.1002/star.201700233(https://dx.doi.org/10.1002/star.201700233)

Accès au bibtex

(https://hal.science/hal-01916400/bibtex)

titre

Biowastes from wine as natural additive of polyolefins: Thermo- and photo-oxidation efficiency(https://hal.science/hal-01850581)

auteur

Audrey Diouf-Lewis, Sophie Commereuc, Vincent Verney

article

Journal of Applied Polymer Science, 2018, 135 (34), 10.1002/app.46607(https://dx.doi.org/10.1002/app.46607)

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DOI : 10.1002/app.46607(https://dx.doi.org/10.1002/app.46607)

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(https://hal.science/hal-01850581/bibtex)

titre

Melt Viscoelastic Assessment of Poly(Lactic Acid) Composting: Influence of UV Ageing(https://hal.science/hal-02063238)

auteur

Vincent Verney, Audrey Ramone, Florence Delor-Jestin, Sophie Commereuc, Marek Koutny, Geoffrey Perchet, Julien Troquet

article

Molecules, 2018, 23 (10), pp.2682. 10.3390/molecules23102682(https://dx.doi.org/10.3390/molecules23102682)

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DOI : 10.3390/molecules23102682(https://dx.doi.org/10.3390/molecules23102682)

Accès au texte intégral et bibtex

(https://hal.science/hal-02063238/file/molecules-23-02682.pdf) (https://hal.science/hal-02063238/bibtex)

2017

titre

Toward greener polyolefins: Antioxidant effect of phytic acid from cereal waste(https://hal.science/hal-01656028)

auteur

Audrey Diouf-Lewis, Sophie Commereuc, Vincent Verney

article

European Polymer Journal, 2017, 96, pp.190 - 199. 10.1016/j.eurpolymj.2017.09.014(https://dx.doi.org/10.1016/j.eurpolymj.2017.09.014)

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Accès au bibtex

(https://hal.science/hal-01656028/bibtex)

2016

titre

Photodegradation of TiO2 composites based on polyesters.(https://hal.science/hal-01302833)

auteur

Simone Sullalti, Grazia Totaro, Haroutioun Askanian, Annamaria Celli, Paola Marchese, Vincent Verney, Sophie Commereuc

article

Journal of Photochemistry and Photobiology A: Chemistry, 2016, 321, pp.275-283. 10.1016/j.jphotochem.2015.11.007(https://dx.doi.org/10.1016/j.jphotochem.2015.11.007)

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DOI : 10.1016/j.jphotochem.2015.11.007(https://dx.doi.org/10.1016/j.jphotochem.2015.11.007)

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(https://hal.science/hal-01302833/bibtex)

2015

titre

Evidence of chemical transfer in fresh or salt water during UV irradiation of plastic debris(https://hal.science/hal-01187457)

auteur

Gaëlle Bissagou Koumba, Marcello Brigante, Florence Jestin, Sophie Commereuc, Vincent Verney

article

6th European Bioremediation Conference, Jun 2015, Chania, Cretia, Greece

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Conference papers

Accès au bibtex

(https://hal.science/hal-01187457/bibtex)

titre

Wood polypropylene composites prepared by thermally modified fibers at two extrusion speeds: mechanical and viscoelastic properties(https://hal.science/hal-01151630)

auteur

Haroutioun Askanaian, Vincent Verney, Sophie Commereuc, René Guyonnet, Valérie Massardier

article

Holzforschung, 2015, 69, pp.313-319. 10.1515/hf-2014-0031(https://dx.doi.org/10.1515/hf-2014-0031)

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DOI : 10.1515/hf-2014-0031(https://dx.doi.org/10.1515/hf-2014-0031)

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2014

titre

Lifetime durability of bio-based composites(https://hal.science/hal-01082066)

auteur

Vincent Verney, Solène Gaudin, Sophie Commereuc, Haroutioun Askanaian, Florence Delor-Jestin, Alexandre Govin, René Guyonnet

article

SMITTHIPONG, W. ; CHOLLAKUP, R. ; NARDIN, M. *In bio-based composites for high-performance materials: From strategy to to industrial application*, CRC Press, 204-218 Chapitre 12, 2014, 978-1-48221448-2

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Book sections

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(https://hal.science/hal-01082066/bibtex)

titre

Identification of important abiotic and biotic factors in the biodegradation of poly (l-lactic acid)(https://hal.science/hal-01099210)

auteur

Lucie Husarova, Silvie Pekaová, Petr Stloukal, Pavel Kucharzcyk, Vincent Verney, Sophie Commereuc, Audrey Ramone, Marek Koutny

article

International Journal of Biological Macromolecules, 2014, 71, pp.155-162. 10.1016/j.ijbiomac.2014.04.050(https://dx.doi.org/10.1016/j.ijbiomac.2014.04.050)

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(https://hal.science/hal-01099210/bibtex)

titre

Ageing of PCCD aliphatic polyesters: effect of stereochemistry and ionic chain terminals.(https://hal.science/hal-01077260)

auteur

Grazia Totaro, Paola Marchese, Maria Barbara Banella, Laura Sisti, Annamaria Celli, Vincent Verney, Sophie Commereuc

article

Journal of Photochemistry and Photobiology A: Chemistry, 2014, 292, pp.42-48. 10.1016/j.photochem.2014.06.019(https://dx.doi.org/10.1016/j.photochem.2014.06.019)

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(https://hal.science/hal-01077260/bibtex)

2013

titre

Photostability and photobactericidal properties of porphyrin-layered double hydroxide-polyurethane composite films(https://unilim.hal.science/hal-00937791)

auteur

M. Merchan, Tan-Sothea Ouk, P. Kubat, K. Lang, Vincent Verney, C. Coelho, Sophie Commereuc, Fabrice Leroux, Vincent Sol, Christine Taviot-Gueho

article

Journal of Materials Chemistry, 2013, 1 (16), pp.2139-2146. 10.1039/c3tb20070a(https://dx.doi.org/10.1039/c3tb20070a)

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(https://unilim.hal.science/hal-00937791/bibtex)

titre

Morphology, Thermal Behavior and Dynamic Rheological Properties of Wood Polypropylene Composites(https://hal.science/hal-00948579)

auteur

Diène Ndiaye, Vincent Verney, Haroutioun Askanaian, Sophie Commereuc, Adams Tidjani

article

Materials Sciences and Applications, 2013, 4, pp.730-738

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Journal articles

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(https://hal.science/hal-00948579/bibtex)

2012

titre

TiO2 deposition on the surface of activated fluoropolymer substrate(https://hal.science/hal-00786406)

auteur

Laura Sisti, Letizia Cruciani, Grazia Totaro, Micaela Vannini, Corrado Berti, David Maria Tobaldi, Antonella Tucci, Irene Aloisio, Diana Di Gioia, Sophie Commereuc

article

Thin Solid Films, 2012, 520, pp.2824-2828

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(https://hal.science/hal-00786406/bibtex)

titre

Preparation of microfibers from wood/ionic liquid solutions(https://hal.science/hal-00754968)

auteur

Martina Polaskova, Roman Cernak, Vincent Verney, Petr Ponizil, Sophie Commereuc, Margarida F Costa Gomes, Agilio A. H. Padua, Pavel Mokrejs, Michal Machovsky

article

Carbohydrate Polymers, 2012, 92, pp.214-217. 10.1016/j.carbpol.2012.08.089(https://dx.doi.org/10.1016/j.carbpol.2012.08.089)

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(https://hal.science/hal-00754968/bibtex)

titre

Effect of annealing temperature on phase composition and tensile properties in isotactic poly(1-butene).(https://hal.science/hal-00687572)

auteur

Lenka Chvatalova, Lubomir Benicek, Kristyna Berkova, Roman Cermak, Martin Obadal, Vincent Verney, Sophie Commereuc

article

Journal of Applied Polymer Science, 2012, 124, pp.3407-3412

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(https://hal.science/hal-00687572/bibtex)

titre

Assessment of the interrelation between photooxidation and biodegradation of selected polyesters after artificial weathering.(https://hal.science/hal-00786395)

auteur

Petr Stloukal, Vincent Verney, Sophie Commereuc, Josef Rychly, Lyda Matisova-Rychla, Vladimir Pis, Marek Koutny

article

Chemosphere, 2012, 88, pp.1214-1219

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(https://hal.science/hal-00786395/bibtex)

titre

Preparation of new biobased polyesters containing glycerol and their photodurability for outdoor applications(https://hal.science/hal-00670815)

auteur

Annamaria Celli, Paola Marchese, Simone Sullalti, Corrado Berti, Giancarlo Barbiroli, Sophie Commereuc, Vincent Verney

article

Green Chemistry, 2012, 14, pp.182-187

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(https://hal.science/hal-00670815/bibtex)

titre

Molecular changes during natural biopolymer ageing e The case of shellac(https://hal.science/hal-01328663)

auteur

Christian Coelho, Raviteja Nanabala, Matthieu Ménager, Sophie Commereuc, Vincent Verney

article

Polymer Degradation and Stability, 2012, 97, pp.936-940. 10.1016/j.polymdegradstab.2012.03.024(https://dx.doi.org/10.1016/j.polymdegradstab.2012.03.024)

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(https://hal.science/hal-01328663/bibtex)

2010

titre

Strong interfacial attrition developed by oleate/layered double hydroxide nanoplatelets dispersed into poly(butylene succinate)(https://hal.science/hal-00512231)

auteur

Q. Zhou, Vincent Verney, Sophie Commereuc, I.J. Chin, Fabrice Leroux

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Journal of Colloid and Interface Science, 2010, 349 (1), pp.157-133. 10.1016/j.jcis.2010.05.015(https://dx.doi.org/10.1016/j.jcis.2010.05.015)

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titre

Matériaux Polymères et Développement Durable(https://hal.science/hal-00560343)

auteur

Sylvain Caillol, Jean Louis Halary, Luc Averous, M.E. Borredon, Bernard Boutevin, Serge Bourbigot, Claude Bunel, Ludwik Leibler, Francois Tournilhac, Vincent Verney, Sophie Duquesne, Sophie Commereuc, Carlos Vaca-Garcia, Eric Pollet, Laurence Lecamp, Corinne Soulié-Ziakovic

article

L'Actualité Chimique, 2010, 338-39, pp.41-53

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(https://hal.science/hal-00560343/bibtex)

2009

titre

Effect of nucleation on crystallization of photodegraded polypropylene.(https://hal.science/hal-00399515)

auteur

J. Výchopová, Roman Cermak, Martin Obadal, Vincent Verney, Sophie Commereuc

article

Journal of Thermal Analysis and Calorimetry, 2009, 95 (1), pp.215-220

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Journal articles

Accès au bibtex

(https://hal.science/hal-00399515/bibtex)

2008

titre

Unusual polystyrene nanocomposite structure using emulsifler-modified layered double hydroxide as nanofiller(https://hal.science/hal-00399369)

auteur

A. Illaik, Christine Taviot-Gueho, J. Lavis, Sophie Commereuc, Vincent Verney, Fabrice Leroux

article

Chemistry of Materials, 2008, 20 (15), pp.4854-4860

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(https://hal.science/hal-00399369/bibtex)

titre

Reactive and functionalized LDH fillers for polymer(https://hal.science/hal-00399344)

auteur

A. Illaik, C. Vuillermoz, Sophie Commereuc, Christine Taviot-Gueho, Vincent Verney, Fabrice Leroux

article

Journal of Physics and Chemistry of Solids, 2008, 69, pp.1362-1366

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Accès au bibtex

(https://hal.science/hal-00399344/bibtex)

2007

titre

The role of specific nucleation in polypropylene photodegradation(https://hal.science/hal-00253775)

auteur

Jana Vychopnova, Roman Cermak, Martin Obadal, Miroslav Raab, Vincent Verney, Sophie Commereuc

article

Polymer Degradation and Stability, 2007, 92, pp.1763-1768

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(https://hal.science/hal-00253775/bibtex)

titre

LDH–dye hybrid material as coloured filler into polystyrene: Structural characterization and rheological properties(https://hal.science/hal-00253810)

auteur

Christine Taviot-Gueho, A. Illaik, C. Vuillermoz, Sophie Commereuc, Vincent Verney, Fabrice Leroux

article

Journal of Physics and Chemistry of Solids, 2007, 68 (5-6), pp.1140-1146

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Accès au bibtex

(https://hal.science/hal-00253810/bibtex)

titre

Crystallization of UV-irradiated -nucleated polypropylene(https://hal.science/hal-00399028)

auteur

J. Výchopová, R. ermák, M. Obadal, Vincent Verney, Sophie Commereuc

article

Annual Technical Conference - ANTEC, Conference Proceedings, 2007, 3, pp.1447-1451

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2006

titre

Carbon Tetrachloride as Thermoporometry Liquid-probe to Study the Cross linking of Styrene Copolymer Networks(https://hal.science/hal-00154725)

auteur

Branislav Husar, Sophie Commereuc, I. Lukac, S. Chmela, Jean-Marie Nedelec, Mohamed Baba

article

Journal of Physical Chemistry B, 2006, 110, pp.5315-5320. 10.1021/jp055648i(https://dx.doi.org/10.1021/jp055648i)

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(https://hal.science/hal-00154725/file/JPhysChemB30-09_revised_.pdf) (https://hal.science/hal-00154725/bibtex)

2003

titre

Morphological Evolution of Polyoctenamer upon Photo-Ageing(https://hal.science/hal-00418035)

auteur

Sophie Commereuc, Lenka Svecova, Vincent Verney

article

Macromolecular Chemistry and Physics, 2003, 204, pp. 76-82. 10.1002/macp.200290057(https://dx.doi.org/10.1002/macp.200290057)

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DOI : 10.1002/macp.200290057(https://dx.doi.org/10.1002/macp.200290057)

Accès au bibtex

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Rechercher

/**/ body ul.objets li { width: 48%; display: inline-block; vertical-align: top;} body ul.objets li:nth-child(odd){ margin-right:1em;} /**/

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