



M. Mohamad SLEIMAN

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

Coordonnées

Tél	+33473407635
Mail	Mohamad.SLEIMAN@uca.fr (mailto:Mohamad%2ESLEIMAN%40uca%2Efr)

Thèmes de recherche

- Photochimie hétérogène de micropolluants organiques à l'interface végétation-atmosphère.
- Caractérisation de produits de dégradation formés dans les compartiments air, eau et surface/solide.

Activités / CV

Titulaire d'un Ph.D chimie-catalyse de l'université Lyon 1 en 2008, Mohamad Sleiman a ensuite été chercheur au Lawrence Berkeley National Laboratory aux USA pendant 6 années. Il s'est spécialisé en chimie analytique et environnementale des micropolluants organiques : étude de la réactivité des résidus de fumée de tabac (thirdhand smoke) dans l'environnement intérieur et ses effets sur la santé publique, développement de méthodes de dépollution de l'air par photocatalyse et méthodes de vieillissement accéléré des matériaux de toiture réfléchissants (cool roofs). Depuis septembre 2014, il est Maitre de conférences à Sigma Clermont et membre de l'équipe Photochimie à l'ICCF, où il apporte ses compétences sur la thématique du devenir des produits phytosanitaires dans l'environnement et notamment à l'interface végétation atmosphère.

- 2014 – présent : Maitre de Conférences – Sigma Clermont, ICCF

- 2011 – 2014 : Research Scientist, Indoor Environment Group, Lawrence Berkeley National Laboratory.
- 2008 – 2011 : Post-doctoral scholar, Indoor Environment Group, Lawrence Berkeley National Laboratory
- 2005 – 2008 : Doctorat en chimie – Université Lyon 1, Institut de recherche sur la catalyse et l'environnement de Lyon (IRCELYON) : Thèse intitulée "Contribution au développement de méthodologies analytiques pour l'étude de la dégradation photocatalytique de polluants organiques : applications au traitement de l'eau et de l'air intérieur"

Responsabilités pédagogiques et administratives

- 2014 – présent : Chargé de mission innovation pédagogique à Sigma Clermont.
- 2015 – présent : Coordinateur des échanges académiques pour la zone Amérique du Nord à Sigma Clermont.

Fonctions à l'ICCF

- Membre de l'équipe [Photochimie](https://iccf.uca.fr/recherche/photochimie)(<https://iccf.uca.fr/recherche/photochimie>)
- Membre de la thématique [Photochimie, Réactivité et Environnement \(PRE\)](https://iccf.uca.fr/recherche/photochimie/photochimie-reactivite-et-environnement)(<https://iccf.uca.fr/recherche/photochimie/photochimie-reactivite-et-environnement>)

Corps

MC Clermont Auvergne INP

Informations complémentaires

Publications HAL de Mohamad,SLEIMAN de la collection PRES_CLERMONT

2023

titre

[Traitement du cancer de la prostate par plasma froid atmosphérique](https://hal.science/hal-04425566)(<https://hal.science/hal-04425566>)

auteur

Maxime Moreau, Imen Ghzaiel, Fatma Krikid, Swapnil Ganesh Sanmukh, Karine Charlet, Sébastien Menecier, Frederic Perisse, Sébastien Girard, Antoine Vacavant, Myriam Kossaï, Mohamed Sarakha, Mohamad Sleiman, Jean-Marc Lobaccaro, Silvère Baron

article

GdR HappyBIO 2023, Nov 2023, Limoges, France

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Conference papers

Accès au bibtex

 (<https://hal.science/hal-04425566/bibtex>)

titre

[Environmentally friendly InP quantum dots as a visible-light catalyst for water treatment](https://uca.hal.science/hal-04442121)(<https://uca.hal.science/hal-04442121>)

auteur

Alexis Tran, Rodolphe Valleix, Matea Matic, Mohamad Sleiman, Federico Cisnetti, Damien Boyer

article

Environmental science.Nano, 2023, 10 (7), pp.1749-1753. [10.1039/D3EN00158J](https://dx.doi.org/10.1039/D3EN00158J)(<https://dx.doi.org/10.1039/D3EN00158J>)

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Journal articles

DOI

DOI : [10.1039/D3EN00158J](https://dx.doi.org/10.1039/D3EN00158J)(<https://dx.doi.org/10.1039/D3EN00158J>)

Accès au bibtex

 (<https://uca.hal.science/hal-04442121/bibtex>)

2022

titre

[Environmental photochemistry on plants: recent advances and new opportunities for interdisciplinary research](https://uca.hal.science/hal-03806117)(<https://uca.hal.science/hal-03806117>)

auteur

Mohamad Sleiman, Amanda Nienow, Claire Richard

article

Photochemical & Photobiological Sciences, 2022, 21 (8), pp.1497-1510. [10.1007/s43630-022-00228-w](https://dx.doi.org/10.1007/s43630-022-00228-w)(<https://dx.doi.org/10.1007/s43630-022-00228-w>)

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Journal articles

DOI

DOI : [10.1007/s43630-022-00228-w](https://dx.doi.org/10.1007/s43630-022-00228-w)(<https://dx.doi.org/10.1007/s43630-022-00228-w>)

Accès au bibtex

 (<https://uca.hal.science/hal-03806117/bibtex>)

titre

[Toward Better Characterization of a Free-Base Nicotine Fraction in e-Liquids and Aerosols\(https://uca.hal.science/hal-03806147\)](https://uca.hal.science/hal-03806147)

auteur

Etienne Bourgart, Lara Leclerc, Jérémie Pourchez, Mohamad Sleiman

article

Chemical Research in Toxicology, 2022, 35 (7), pp.1234-1243. [10.1021/acs.chemrestox.2c00041](https://dx.doi.org/10.1021/acs.chemrestox.2c00041)(<https://dx.doi.org/10.1021/acs.chemrestox.2c00041>)

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Journal articles

DOI

DOI : [10.1021/acs.chemrestox.2c00041](https://dx.doi.org/10.1021/acs.chemrestox.2c00041)(<https://dx.doi.org/10.1021/acs.chemrestox.2c00041>)

Accès au bibtex

 (<https://uca.hal.science/hal-03806147/bibtex>)

titre

[Photochemical interactions between pesticides and plant volatiles\(https://hal.science/hal-03383730\)](https://hal.science/hal-03383730)

auteur

Yara Arbid, Mohamad Sleiman, Claire Richard

article

Science of the Total Environment, 2022, 807, pp.150716. [10.1016/j.scitotenv.2021.150716](https://doi.org/10.1016/j.scitotenv.2021.150716)(<https://dx.doi.org/10.1016/j.scitotenv.2021.150716>)

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Journal articles

DOI

DOI : [10.1016/j.scitotenv.2021.150716](https://doi.org/10.1016/j.scitotenv.2021.150716)(<https://dx.doi.org/10.1016/j.scitotenv.2021.150716>)

Accès au texte intégral et bibtex

(<https://hal.science/hal-03383730/file/Arbid-Revised2.pdf>) (<https://hal.science/hal-03383730/bibtex>)

2021

titre

[Effect of UVC pre-irradiation on the Suwannee river Natural Organic Matter \(SRNOM\) photooxidant properties](https://hal.science/hal-03292331)(<https://hal.science/hal-03292331>)

auteur

Davide Palma, Amina Khaled, Mohamad Sleiman, Guillaume Voyard, Claire Richard

article

Water Research, 2021, 202, pp.117395. [10.1016/j.watres.2021.117395](https://doi.org/10.1016/j.watres.2021.117395)(<https://dx.doi.org/10.1016/j.watres.2021.117395>)

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Journal articles

DOI

DOI : [10.1016/j.watres.2021.117395](https://doi.org/10.1016/j.watres.2021.117395)(<https://dx.doi.org/10.1016/j.watres.2021.117395>)

Accès au texte intégral et bibtex

(https://hal.science/hal-03292331/file/Manuscript_SRNOM.pdf) (<https://hal.science/hal-03292331/bibtex>)

titre

[PFAS Degradation in Ultrapure and Groundwater Using Non-Thermal Plasma](https://uca.hal.science/hal-03145719)(<https://uca.hal.science/hal-03145719>)

auteur

Davide Palma, Dimitra Papagiannaki, Manuel Lai, Rita Binetti, Mohamad Sleiman, Marco Minella, Claire Richard

article

Molecules, 2021, 26 (4), pp.924. [10.3390/molecules26040924](https://dx.doi.org/10.3390/molecules26040924)(<https://dx.doi.org/10.3390/molecules26040924>)

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Journal articles

DOI

DOI : [10.3390/molecules26040924](https://dx.doi.org/10.3390/molecules26040924)(<https://dx.doi.org/10.3390/molecules26040924>)

Accès au texte intégral et bibtex

 (<https://uca.hal.science/hal-03145719/file/molecules-26-00924-v2.pdf>)  (<https://uca.hal.science/hal-03145719/bibtex>)

titre

[Fluorescence analysis allows to predict the oxidative capacity of humic quinones in dissolved organic matter: implication for pollutant degradation](https://hal.science/hal-03036129v2)(<https://hal.science/hal-03036129v2>)

auteur

Davide Palma, Edith Parlanti, Mahaut Sourzac, Olivier Voldoire, Aude Beauger, Mohamad Sleiman, Claire Richard

article

Environmental Chemistry Letters, 2021, [10.1007/s10311-020-01137-z](https://dx.doi.org/10.1007/s10311-020-01137-z)(<https://dx.doi.org/10.1007/s10311-020-01137-z>)

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Journal articles

DOI

DOI : [10.1007/s10311-020-01137-z](https://dx.doi.org/10.1007/s10311-020-01137-z)(<https://dx.doi.org/10.1007/s10311-020-01137-z>)

Accès au texte intégral et bibtex

 (https://hal.science/hal-03036129/file/Palma2021_Article_FluorescenceAnalysisAllowsToPr.pdf) 
<https://hal.science/hal-03036129v2/bibtex>

titre

Towards an experimental approach for measuring the removal of urban air pollutants by green roofs
<https://hal.science/hal-03329684>)

auteur

Yara Arbid, Claire Richard, Mohamad Sleiman

article

Building and Environment, 2021, 205, pp.108286. [10.1016/j.buildenv.2021.108286](https://doi.org/10.1016/j.buildenv.2021.108286)(<https://dx.doi.org/10.1016/j.buildenv.2021.108286>)

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Journal articles

DOI

DOI : [10.1016/j.buildenv.2021.108286](https://doi.org/10.1016/j.buildenv.2021.108286)(<https://dx.doi.org/10.1016/j.buildenv.2021.108286>)

Accès au texte intégral et bibtex

 (<https://hal.science/hal-03329684/file/Manuscript-BE--Aug%2018-2021.pdf>) 
<https://hal.science/hal-03329684/bibtex>)

2020

titre

Relationships between Plant Defense Inducer Activities and Molecular Structure of Gallomolecules
<https://uca.hal.science/hal-03145305>)

auteur

Pascale Goupi, Elodie Peghaire, Razik Benouaret, Claire Richard, Mohamad Sleiman, Hicham El Alaoui, Ayhan Kocer

article

Journal of Agricultural and Food Chemistry, 2020, 68 (52), pp.15409-15417. [10.1021/acs.jafc.0c05719](https://doi.org/10.1021/acs.jafc.0c05719)
[0c05719](https://dx.doi.org/10.1021/acs.jafc.0c05719)(<https://dx.doi.org/10.1021/acs.jafc.0c05719>)

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Journal articles

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DOI : [10.1021/acs.jafc.0c05719](https://dx.doi.org/10.1021/acs.jafc.0c05719)(<https://dx.doi.org/10.1021/acs.jafc.0c05719>)

Accès au bibtex

 (<https://uca.hal.science/hal-03145305/bibtex>)

titre

[Fluorescence analysis allows to predict the oxidative capacity of humic quinones in dissolved organic matter: implication for pollutant degradation](https://hal.science/hal-03265709)(<https://hal.science/hal-03265709>)

auteur

Davide Palma, Edith Parlanti, Mahaut Sourzac, Olivier Voldoire, Aude Beauger, Mohamad Sleiman, Claire Richard

article

Environmental Chemistry Letters, 2020, 19 (2), pp.1857-1863. [10.1007/s10311-020-01137-z](https://dx.doi.org/10.1007/s10311-020-01137-z)(
<https://dx.doi.org/10.1007/s10311-020-01137-z>)

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Journal articles

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DOI : [10.1007/s10311-020-01137-z](https://dx.doi.org/10.1007/s10311-020-01137-z)(<https://dx.doi.org/10.1007/s10311-020-01137-z>)

Accès au texte intégral et bibtex

 (https://hal.science/hal-03265709/file/Palma2021_Article_FluorescenceAnalysisAllowsToPr.pdf)  (<https://hal.science/hal-03265709/bibtex>)

titre

[Phytotoxic Effect of Macerates and Mulches from Cupressus leylandii Leaves on Clover and Cress: Role of Chemical Composition](https://hal.science/hal-03026901)(<https://hal.science/hal-03026901>)

auteur

Amina Khaled, Mohamad Sleiman, Pascale Gouplil, Claire Richard

article

Forests, 2020, 11 (11), pp.1177. [10.3390/f11111177](https://dx.doi.org/10.3390/f11111177)(<https://dx.doi.org/10.3390/f11111177>)

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Journal articles

DOI

DOI : [10.3390/f11111177](https://dx.doi.org/10.3390/f11111177)(<https://dx.doi.org/10.3390/f11111177>)

Accès au texte intégral et bibtex

 (<https://hal.science/hal-03026901/file/forests-11-01177-1.pdf>)  (<https://hal.science/hal-03026901/bibtex>)

titre

[The reactivity of Thyme's volatile compounds, a green roof plant, towards ozone and chlorothalonil, a pesticide.](https://uca.hal.science/hal-03105516)(<https://uca.hal.science/hal-03105516>)

auteur

Y. Arbid, Claire Richard, Mohamad Sleiman

article

Web-conférence "PhotOnline" des jeunes chercheurs SP2P, Oct 2020, Web-Conférence, France

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Conference papers

Accès au bibtex

 (<https://uca.hal.science/hal-03105516/bibtex>)

titre

[New route to toxic nitro and nitroso products upon irradiation of micropollutants mixtures containing imidacloprid: role of NOx and effect of natural organic matter](https://hal.science/hal-02524858)(<https://hal.science/hal-02524858>)

auteur

Davide Palma, Yara Arbid, Mohamad Sleiman, Pascal de Sainte-Claire, Claire Richard

article

Environmental Science and Technology, 2020, 54, pp.3325-3333

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Journal articles

Accès au texte intégral et bibtex

 (https://hal.science/hal-02524858/file/Palma_et_al.pdf)  (<https://hal.science/hal-02524858/bibtex>)

titre

[Inducing Plant Defense Reactions in Tobacco Plants with Phenolic-Rich Extracts from Red Maple Leaves: A Characterization of Main Active Ingredients](#)(<https://hal.science/hal-02920408>)

auteur

Elodie Peghaire, Samar Hamdache, Antonin Galien, Mohamad Sleiman, Alexandra ter Halle, Hicham El Alaoui, Ayhan Kocer, Claire Richard, Pascale Gouplil

article

Forests, 2020, 11 (6), pp.705. [10.3390/f11060705](https://dx.doi.org/10.3390/f11060705)(<https://dx.doi.org/10.3390/f11060705>)

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Journal articles

DOI

DOI : [10.3390/f11060705](https://dx.doi.org/10.3390/f11060705)(<https://dx.doi.org/10.3390/f11060705>)

Accès au texte intégral et bibtex

 (<https://hal.science/hal-02920408/file/pub168.pdf>)  (<https://hal.science/hal-02920408/bibtex>)

titre

[Study of the dissolved organic matter \(DOM\) of the Auzon cut-off meander \(Allier River, France\) by spectral and photoreactivity approaches](#)(<https://hal.science/hal-02954173>)

auteur

Davide Palma, Mohamad Sleiman, Olivier Voltaire, Aude Beauger, Edith Parlanti, Claire Richard

article

Environmental Science and Pollution Research, 2020, 27 (21), pp.26385-26394. [10.1007/s11356-020-09005-7](https://dx.doi.org/10.1007/s11356-020-09005-7)(<https://dx.doi.org/10.1007/s11356-020-09005-7>)

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Journal articles

DOI

DOI : [10.1007/s11356-020-09005-7](https://dx.doi.org/10.1007/s11356-020-09005-7)(<https://dx.doi.org/10.1007/s11356-020-09005-7>)

Accès au texte intégral et bibtex

 (https://hal.science/hal-02954173/file/Palma2020_Article_StudyOfTheDissolvedOrganicMatt-1.pdf)

 (<https://hal.science/hal-02954173/bibtex>)

2019

titre

[Mind the cuticle conductance: When resistance to cavitation is not enough for evaluating resistance to drought.](https://hal.science/hal-02307755)(<https://hal.science/hal-02307755>)

auteur

Lise-Marie Billon, Jose Manuel Torres Ruiz, Mohamad Sleiman, Adnane Hitmi, Hervé Cochard

article

4th Xylem International Meeting, XIM4., Sep 2019, Padoue, Italy. 85 p

typdoc

Conference papers

Accès au bibtex

 (<https://hal.science/hal-02307755/bibtex>)

titre

[Contrasting photoreactivity of 2-adrenoceptor agonists Salbutamol and Terbutaline in the presence of humic substances](https://hal.science/hal-02109141)(<https://hal.science/hal-02109141>)

auteur

Lei Zhou, Mohamad Sleiman, Ludovic Fine, Corinne Ferronato, Pascal de Sainte Claire, Emmanuelle Vulliet, Jean-Marc Chovelon, Guangli Xiu, Claire Richard

article

Chemosphere, 2019, 228, pp.9-16. [10.1016/j.chemosphere.2019.04.104](https://dx.doi.org/10.1016/j.chemosphere.2019.04.104)(<https://dx.doi.org/10.1016/j.chemosphere.2019.04.104>)

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Journal articles

DOI

DOI : [10.1016/j.chemosphere.2019.04.104](https://doi.org/10.1016/j.chemosphere.2019.04.104)(<https://dx.doi.org/10.1016/j.chemosphere.2019.04.104>)

Accès au texte intégral et bibtex

 (<https://hal.science/hal-02109141/file/S004565351930757X.pdf>)  (<https://hal.science/hal-02109141/bibtex>)

titre

[Photodegradation of Myrigalone A, an Allelochemical from *Myrica gale* : Photoproducts and Effect of Terpenes](https://hal.science/hal-02190351)(<https://hal.science/hal-02190351>)

auteur

Amina Khaled, Mohamad Sleiman, Etienne Darras, Aurélien Trivella, Cédric Bertrand, Nicolas Inguimbert, Pascale Goupil, Claire Richard

article

Journal of Agricultural and Food Chemistry, 2019, 67 (26), pp.7258-7265. [10.1021/acs.jafc.9b01722](https://doi.org/10.1021/acs.jafc.9b01722)(<https://dx.doi.org/10.1021/acs.jafc.9b01722>)

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Journal articles

DOI

DOI : [10.1021/acs.jafc.9b01722](https://doi.org/10.1021/acs.jafc.9b01722)(<https://dx.doi.org/10.1021/acs.jafc.9b01722>)

Accès au bibtex

 (<https://hal.science/hal-02190351/bibtex>)

titre

[Heated Tobacco Products: Volatile Emissions and Their Predicted Impact on Indoor Air Quality](https://hal.science/hal-02355258)(<https://hal.science/hal-02355258>)

auteur

Lucia Cancelada, Mohamad Sleiman, Xiaochen Tang, Marion Russell, V. Nahuel Montesinos, Marta Litter, Lara Gundel, Hugo Destaillats

article

Environmental Science and Technology, 2019, 53 (13), pp.7866-7876. [10.1021/acs.est.9b02544](https://doi.org/10.1021/acs.est.9b02544)(
<https://dx.doi.org/10.1021/acs.est.9b02544>)

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Journal articles

DOI

DOI : [10.1021/acs.est.9b02544](https://doi.org/10.1021/acs.est.9b02544)(<https://dx.doi.org/10.1021/acs.est.9b02544>)

Accès au bibtex

 (<https://hal.science/hal-02355258/bibtex>)

titre

[Effect of E cigarettes on tracheal cells monitored at the air-liquid interface using an organic electrochemical transistor](https://hal.science/hal-02080289)(<https://hal.science/hal-02080289>)

auteur

Magali Ferro, Lara Leclerc, Mohamad Sleiman, Bastien Marchiori, Jérémie Pourchez, Róisín Owens, Marc Ramuz

article

Advanced Biosystems, 2019, 3 (3), pp.1800249. [10.1002/adbi.201800249](https://doi.org/10.1002/adbi.201800249)(<https://dx.doi.org/10.1002/adbi.201800249>)

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Journal articles

DOI

DOI : [10.1002/adbi.201800249](https://doi.org/10.1002/adbi.201800249)(<https://dx.doi.org/10.1002/adbi.201800249>)

Accès au bibtex

 (<https://hal.science/hal-02080289/bibtex>)

titre

[Phototransformation of Plastic Containing Brominated Flame Retardants: Enhanced Fragmentation and Release of Photoproducts to Water and Air](https://hal.science/hal-01962987)(<https://hal.science/hal-01962987>)

auteur

Amina Khaled, Agnès Rivaton, Claire Richard, Farouk Jaber, Mohamad Sleiman

article

Environmental Science and Technology, 2018, 52 (19), pp.11123-11131

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Journal articles

Accès au bibtex

 (<https://hal.science/hal-01962987/bibtex>)

titre

[Unravelling the reactivity of bifenazate in water and on vegetables: Kinetics and byproducts](https://hal.science/hal-01846884)(<https://hal.science/hal-01846884>)

auteur

Samar Hamdache, Mohamad Sleiman, Claire de Sainte-Claire, Farouk Jaber, Claire Richard

article

Science of the Total Environment, 2018, 636, pp.107 - 114. [10.1016/j.scitotenv.2018.04.219](https://doi.org/10.1016/j.scitotenv.2018.04.219)([https://dx.doi.org/10.1016/j.scitotenv.2018.04.219](https://doi.org/10.1016/j.scitotenv.2018.04.219))

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Journal articles

DOI

DOI : [10.1016/j.scitotenv.2018.04.219](https://doi.org/10.1016/j.scitotenv.2018.04.219)([https://dx.doi.org/10.1016/j.scitotenv.2018.04.219](https://doi.org/10.1016/j.scitotenv.2018.04.219))

Accès au bibtex

 (<https://hal.science/hal-01846884/bibtex>)

titre

[Light induced degradation of the fungicide Thiophanate-methyl in water: Formation of a sensitizing photoproduct](https://hal.science/hal-01845762)(<https://hal.science/hal-01845762>)

auteur

Sofia Kouras-Hadef, Samar Hamdache, Claire de Sainte-Claire, Mohamad Sleiman, Farouk Jaber, Claire Richard

article

Journal of Photochemistry and Photobiology A: Chemistry, 2018, 360, pp.262 - 269. [10.1016/j.jphotochem.2018.04.046](https://doi.org/10.1016/j.jphotochem.2018.04.046)(<https://dx.doi.org/10.1016/j.jphotochem.2018.04.046>)

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Journal articles

DOI

DOI : [10.1016/j.jphotochem.2018.04.046](https://doi.org/10.1016/j.jphotochem.2018.04.046)(<https://dx.doi.org/10.1016/j.jphotochem.2018.04.046>)

Accès au bibtex

 (<https://hal.science/hal-01845762/bibtex>)

titre

[Investigating the performance of biomass-derived biochars for the removal of gaseous ozone, adsorbed nitrate and aqueous bisphenol A](https://hal.science/hal-01708198)(<https://hal.science/hal-01708198>)

auteur

Lei Zhou, Claire Richard, Corinne Ferronato, Jean-Marc Chovelon, Mohamad Sleiman

article

Chemical Engineering Journal, 2018, 334, pp.2098 - 2104. [10.1016/j.cej.2017.11.145](https://doi.org/10.1016/j.cej.2017.11.145)(<https://dx.doi.org/10.1016/j.cej.2017.11.145>)

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Journal articles

DOI

DOI : [10.1016/j.cej.2017.11.145](https://doi.org/10.1016/j.cej.2017.11.145)(<https://dx.doi.org/10.1016/j.cej.2017.11.145>)

Accès au bibtex

 (<https://hal.science/hal-01708198/bibtex>)

titre

[Characterization and Photodegradation of Polybrominated Diphenyl Ethers in Car Seat Fabrics from End-of-Life Vehicles](https://hal.science/hal-01716506)(<https://hal.science/hal-01716506>)

auteur

Amina Khaled, Claire Richard, Lisa Redin, Mirva Niinipuu, Stina Jansson, Farouk Jaber, Mohamad Sleiman

article

Environmental Science and Technology, 2018, 52 (3), pp.1216 - 1224. [10.1021/acs.est.7b04668](https://dx.doi.org/10.1021/acs.est.7b04668)(<https://dx.doi.org/10.1021/acs.est.7b04668>)

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Journal articles

DOI

DOI : [10.1021/acs.est.7b04668](https://dx.doi.org/10.1021/acs.est.7b04668)(<https://dx.doi.org/10.1021/acs.est.7b04668>)

Accès au bibtex

(<https://hal.science/hal-01716506/bibtex>)

titre

[Photodegradation of brominated flame retardants in polystyrene: Quantum yields, products and influencing factors](https://hal.science/hal-01962990)(<https://hal.science/hal-01962990>)

auteur

Amina Khaled, Claire Richard, Agnès Rivaton, Farouk Jaber, Mohamad Sleiman

article

Chemosphere, 2018, 211, pp.943-951

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Journal articles

Accès au texte intégral et bibtex

(<https://hal.science/hal-01962990/file/khaled2018.pdf>) (<https://hal.science/hal-01962990/bibtex>)

2017

titre

[Reactivity of sulfate radicals with natural organic matters\(https://hal.science/hal-01643381\)](https://hal.science/hal-01643381)

auteur

Lei Zhou, Mohamad Sleiman, Corinne Ferronato, Jean-Marc Chovelon, Claire Richard

article

Environmental Chemistry Letters, 2017, 15 (4), pp.733 - 737. [10.1007/s10311-017-0646-y\(https://dx.doi.org/10.1007/s10311-017-0646-y\)](https://doi.org/10.1007/s10311-017-0646-y)

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DOI : [10.1007/s10311-017-0646-y\(https://dx.doi.org/10.1007/s10311-017-0646-y\)](https://doi.org/10.1007/s10311-017-0646-y)

Accès au bibtex

 (<https://hal.science/hal-01643381/bibtex>)

titre

[Emissions from Electronic Cigarettes: Assessing Vapers' Intake of Toxic Compounds, Secondhand Exposures, and the Associated Health Impacts\(https://hal.science/hal-01637408\)](https://hal.science/hal-01637408)

auteur

Jennifer Logue, Mohamad Sleiman, V. Nahuel Montesinos, Marion L. Russell, Marta I. Litter, Neal L. Benowitz, Lara A. Gundel, Hugo Destaillats

article

Environmental Science and Technology, 2017, 51 (16), pp.9271 - 9279. [10.1021/acs.est.7b00710\(https://dx.doi.org/10.1021/acs.est.7b00710\)](https://doi.org/10.1021/acs.est.7b00710)

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Journal articles

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Accès au bibtex

 (<https://hal.science/hal-01637408/bibtex>)

titre

[Investigations of diatrizoate degradation by photo-activated persulfate](#)(<https://hal.science/hal-01488180>)

auteur

Lei Zhou, Mohamad Sleiman, Corinne Ferronato, Jean-Marc Chovelon, Claire Richard

article

Chemical Engineering Journal, 2017, 311, pp.28-36. [10.1016/j.cej.2016.11.066](https://dx.doi.org/10.1016/j.cej.2016.11.066)(<https://dx.doi.org/10.1016/j.cej.2016.11.066>)

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Accès au bibtex

 (<https://hal.science/hal-01488180/bibtex>)

2016

titre

[Emissions from electronic cigarettes: Key parameters affecting the release of harmful chemicals.](#)(<https://hal.science/hal-01477431>)

auteur

Mohamad Sleiman, Jennifer M. Logue, V. Nahuel Montesinos, Marion L. Russell, Marta I. Litter, Lara A. Gundel, Hugo Destaillats

article

Environmental Science and Technology, 2016, 50, pp.9644-9651. [10.1021/acs.est.6b01741](https://dx.doi.org/10.1021/acs.est.6b01741)(<https://dx.doi.org/10.1021/acs.est.6b01741>)

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Accès au bibtex

 (<https://hal.science/hal-01477431/bibtex>)

titre

[TiO₂ alterations with natural aging: Unveiling the role of nitric acid on NIR reflectance.](https://hal.science/hal-01477618)(<https://hal.science/hal-01477618>)

auteur

Riccardo Paolini, Mohamad Sleiman, Mariapia Pedefterri, Maria Vittoria Diamanti

article

Solar Energy Materials and Solar Cells, 2016, 157, pp.791-797. [10.1016/j.solmat.2016.07.052](https://dx.doi.org/10.1016/j.solmat.2016.07.052)(<https://dx.doi.org/10.1016/j.solmat.2016.07.052>)

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Accès au bibtex

 (<https://hal.science/hal-01477618/bibtex>)

2015

titre

[Usefulness of Fluorescent Probe Prodan To Gain Insight into the Polarity of Plant Cuticles.](https://hal.science/hal-01202588)(<https://hal.science/hal-01202588>)

auteur

Malgorzata Stawinoga, Mohamad Sleiman, Jeoffrey Chastain, Claire Richard

article

Journal of Agricultural and Food Chemistry, 2015, 63, pp.6932-6938. [10.1021/acs.jafc.5b02779](https://doi.org/10.1021/acs.jafc.5b02779)(
<https://dx.doi.org/10.1021/acs.jafc.5b02779>)

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DOI : [10.1021/acs.jafc.5b02779](https://doi.org/10.1021/acs.jafc.5b02779)(<https://dx.doi.org/10.1021/acs.jafc.5b02779>)

Accès au bibtex

 (<https://hal.science/hal-01202588/bibtex>)

titre

[Detection and quantification of reactive oxygen species \(ROS\) in indoor air.](https://hal.science/hal-01203277)(<https://hal.science/hal-01203277>)

auteur

V. Nahuel Montesinos, Mohamad Sleiman, Sebastian Cohn, Marta I. Litter, Hugo Destaillats

article

Talanta, 2015, 138, pp.20-27. [10.1016/j.talanta.2015.02.015](https://doi.org/10.1016/j.talanta.2015.02.015)(<https://dx.doi.org/10.1016/j.talanta.2015.02.015>)

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Accès au bibtex

 (<https://hal.science/hal-01203277/bibtex>)

titre

[Soiling of building envelope surfaces and its effect on solar reflectance - Part III: Inter laboratory study of an accelerated aging method for roofing materials.](https://hal.science/hal-01264594)(<https://hal.science/hal-01264594>)

auteur

Mohamad Sleiman, Sharon Chen, Haley E. Gilbert, Thomas W. Kirchstetter, Paul Berdahl, Erica Bibian, Laura S. Bruckman, Dominic Cremona, Roger H. French, Devin A. Gordon, Marco Emiliani, Justin Kable, Liyan Ma, Milena Martarelli, Riccardo Paolini, Matthew Prestia, John Renowden, Gian Marco Revel, Olivier Rosseler, Ming Shiao, Giancarlo Terraneo, Tammy Yang, Lingtao Yu, Michele Zinzi, Hashem Akbari, Ronnen Levinson, Hugo Destaillats

article

Solar Energy Materials and Solar Cells, 2015, 143, pp.581-590. [10.1016/j.solmat.2015.07.031](https://doi.org/10.1016/j.solmat.2015.07.031)(
<https://dx.doi.org/10.1016/j.solmat.2015.07.031>)

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DOI : [10.1016/j.solmat.2015.07.031](https://doi.org/10.1016/j.solmat.2015.07.031)(<https://dx.doi.org/10.1016/j.solmat.2015.07.031>)

Accès au bibtex

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