



M. Pierre BONNET

[UFR de Chimie\(<https://chimie.uca.fr/contacts-et-plan-dacces>\)](https://chimie.uca.fr/contacts-et-plan-dacces)

Coordonnées

Tél	+33473407648
Mail	Pierre.M.BONNET@uca.fr (mailto: Pierre%2EM%2EBONNET%40uca%2Efr)

Thèmes de recherche

NANOMATÉRIAUX ET NANOSTRUCTURES

- **nano-(oxy)fluorures de métaux** : fluoruration de nanomatériaux, nanostructuration de fluorures, propriétés physiques (magnétiques, ...)
- **nanotubes de carbones & nanotubes fonctionnalisés** : élaboration et fonctionnalisation, caractérisations (optiques, vibrationnelles, TEM, ...) et propriétés physiques ; systèmes nanotubes /polymères.

CHIMIE DU FLUOR, FLUORURES ET RÉACTIVITÉ EN MILIEUX FLUORÉS

- (oxy)-fluorures inorganiques (**matériaux pour l'énergie et l'environnement, photocatalyse, ...**), mécanismes de fluoruration, corrosion en milieux, etc.

Recherches actuelles

- NANOFLUORURES ET NANO-OXYFLUORURES DE MÉTAUX :

synthèse, matériaux hybrides et hiérarchisés, exfoliation, propriétés et applications : magnétisme, propriétés optiques et électroniques ...

- NANOMATÉRIAUX POUR L'ÉNERGIE ET L'ENVIRONNEMENT :

Fluorures et oxyfluorures de métaux comme matériaux d'électrodes pour batteries, ...

Fluorures et oxyfluorures de métaux pour l'environnement: photocatalyse, génération de H₂, conversion de CO₂ ...

Nanomatériaux (nanocarbones, nano-oxydes, ...) comme capteurs de gaz.

- FONCTIONNALISATION ET PROPRIÉTÉS DE NANO-CARBONES (NANOTUBES, C₆₀...) :

fluoration, porphyrines et phtalocyanines, ... dispersion et interactions en suspensions.

Activités / CV

Parcours de recherche

- **Habilitation à Diriger les Recherches** - 2017. Institut de Chimie de Clermont Ferrand – Université Clermont Auvergne
- **MCF 33ème section** - depuis septembre 2009. Laboratoire des Matériaux Inorganiques – Université Blaise Pascal
- **Chercheur contractuel** (Post-doc industriel puis ATER 33ème section) – février 2008 à septembre 2009 Laboratoire des Matériaux Inorganiques – Université Clermont Blaise Pascal.
- **Post-doctorat** - 2006 à 2007. Laboratoire Pierre Aigrain – Ecole Normale Supérieure de Paris.
- **Doctorat** - 2002 à 2006 Institut des Matériaux Jean Rouxel (Nantes) – Equipe Physique des Matériaux et des Nanostructures.
- Ingénieur de l'Ecole Polytechnique de l'Université de Nantes – Option Matériaux – 2002 – DEA Science des Matériaux , Institut des Matériaux Jean Rouxel (Nantes)

Fonctions à l'ICCF

- Membre de l'équipe Matériaux Inorganiques (MI)(<https://iccf.uca.fr/recherche/materiaux-inorganiques>)
- Membre de la thématique Fluoration et Matériaux Fluorés (MF2)(<https://iccf.uca.fr/recherche/materiaux-inorganiques/fluoration-et-materiaux-fluores>)

AUTRES :

- Société Chimique de France:
 - Président de la section Auvergne
 - Membre du bureau de la division Chimie du Solide
- Membre élu du conseil CP2E de l'Université Clermont Auvergne,
- Secrétaire Scientifique de la section 15 du CoNRS (membre élu)
- Co-animateur du défi 3 du Labex IMOBS3 (2016-2021)

Informations complémentaires

ARTICLES

45 articles et ouvrages dans des revues avec comité de lecture dont :

- * "Reactive sputtering onto an ionic liquid, a new synthesis route for bismuth-based nanoparticles" Sara Ibrahim, Vitalios Ntomprougkidis, Mathias Goutte, Guillaume Monier, Mounir Traïkia, Jean-Michel Andanson, Pierre Bonnet and Angélique Bousquet, *Nanoscale*, 2023
- * "Tetra-n-butylammonium decatungstate supported on Fe_3O_4 nanoparticles: a novel nanocatalyst for green synthesis of nitroso compounds" Peng Cheng, Mohamed Sarakha, Christine Mousty, Pierre Bonnet and Gilles Mailhot, *Catal. Sci. Technol.*, 2023, 13, 1000-1008
- * « Fluorination effect on the solubility of C_{60} in a bis(trifluoromethylsulfonyl)imide based ionic liquid» Yasser Ahmad, Jean-Michel Andanson, Pierre Bonnet, Nicolas Batisse et al., *Colloids and Surfaces A: Physicochemical and Engineering Aspects* (2022) 649, 129140
- * "Synthesis of NiF_2 and $\text{NiF}_2 \cdot 4\text{H}_2\text{O}$ Nanoparticles by Microemulsion and Their Self-Assembly" Hameed Ullah, Nicolas Batisse, Katia Guérin, Guillaume Rogez, Pierre Bonnet, *Langmuir*, 2020, 36 (29), pp.8461-8475.
- * "Tailoring the structural and optical properties of bismuth oxide films deposited by reactive magnetron sputtering for photocatalytic application" Sara Ibrahim, Pierre Bonnet, Mohamed Sarakha, Christophe Caperaa, Guillaume Monier, Angélique Bousquet, *Materials Chemistry and Physics*, Elsevier, 2020, 243, pp.122580.
- * "Synthesis of Nb_2O_5 Nanoplates and their Conversion into NbO_2F Nanoparticles by Controlled Fluorination with Molecular Fluorine" Hameed Ullah, Katia Guerin, Pierre Bonnet, *European Journal of Inorganic Chemistry*, 2019, 2019 (2), pp.230-236.
- * "Preparation and Photocatalytic Properties of a Hierarchical BiOCl/BiOF Composite Photocatalyst" Jiushan Cheng, Lawrence Frézet, Pierre Bonnet, Cong Wang, *Catalysis Letters*, 2018, 148 (5), pp.1281 - 1288
- * "Evidence for a nanosize effect on the structural and high performance electrochemical properties of V_2O_5 obtained via fluorine chemistry" Huo D., Contreras A., Laik B., Bonnet P., Guérin K. et al., *Electrochimica*

- * "The Influence of Sacrificial Carbonaceous Supports on the Synthesis of Anhydrous NiF₂ Nanoparticles" L. Doubtsof, P. Bonnet, L. Jouffret, K. Guerin, Chemistry Select (2016), 1, 16, 5172–5181
- * "Fluorination of anatase TiO₂ towards titanium oxyfluoride TiOF₂ : novel synthesis approach and proof of Li-insertion mechanism" N. Louvain, Z. Karkar, M. El-Ghozzi, P. Bonnet, K. Guérin et al., Journal of Materials Chemistry A. (2014) DOI : 10.1039/C4TA02553A
- * "One-shot versus stepwise gas-solid synthesis of iron trifluoride : investigation of pure molecular F₂ fluorination of chloride precursors" N. Louvain, A. Fakhry, P. Bonnet, M. El-Ghozzi, K. Guérin, et al., CrystEngComm (2013) 15, 3664-3671.
- * "Noncovalent Functionalization of Single-Wall Carbon Nanotubes for the Elaboration of Gas Sensor Dedicated to BTX Type Gases : The Case of Toluene" A. Ndiaye, P. Bonnet, A. Pauly, M. Dubois, J. Brunet et al., Journal of Physical Chemistry C, (2013) 117, 39, 20217–20228
- * "Comparative study of SWCNT fluorination by atomic and molecular fluorine" W. Zhang, P. Bonnet, M. Dubois, C. P. Ewels, K. Guerin et al., Chemistry of materials (2012) 24 (10), 1744-1751.
- * "Elaboration of SWNTs-based gas sensors using dispersion techniques : Evaluating the role of the surfactant and its influence on the sensor response" A. Ndiaye, C. Varenne, P. Bonnet, E. Petit, L. Spinelle, et al., Sensors and Actuators B : Chemical (2012) 162, 1,95-101
- * "Effect of curvature on C–F bonding in fluorinated carbons : from fullerene and derivatives to graphite" W. Zhang, M. Dubois, K. Guérin, P. Bonnet, H. Kharbache, et al., Physical Chemistry Chemical Physics (2010) 12, 1388-1398
- * "Photophysical comparative study of amylose and polyvinyle pyrrolidone/single walled carbon nanotubes complex" P. Bonnet, J. P. Buisson, N. Nomède Martyr, H. Bizot, A. Buelon and O. Chauvet, Physical Chemistry Chemical Physics (2009) 11, 8626-8631
- * "Optical properties of carbon nanotubes in a composite material : The role of dielectric screening and thermal expansion" S. Berger, F. Iglesias, P. Bonnet, C. Voisin, G. Cassabois, et al., Journal of Applied Physics (2009) 105, 094323
- * "Amylose/SWNT composites : From solution to film – Synthesis, characterization and properties" P. Bonnet, D. Albertini, H. Bizot, A. Bernard and O. Chauvet, Composites Science and Technology (2007) 67, 5, 817-821
- * "Thermal properties and percolation in carbon nanotube-polymer composites" P. Bonnet, D. Sireude, B. Garnier, and O. Chauvet Applied Physics Letters (2007) 91,201910
- * "Spin correlations in the pyrochlore slab compounds Ba₂Sn₂Ga_{107p}ZnCr_{7p}O₂₂" P. Bonnet, C. Payen, H. Mutka, M. Danot, P. Fabritchnyi, et al., Journal of Physics : Condensed Matter (2004), 16, S835–S842

[A New Sunlight Active Photocatalyst Based on CuO-TiO₂-Clay Composite for Wastewater Remediation: Mechanistic Insights and Degradation Optimization\(https://hal.science/hal-04480493\)](https://hal.science/hal-04480493)

auteur

Bouba Talamí, H. Zeghioud, Sadou Dalhatou, Pierre Bonnet, Christophe Caperaa, Romain Ligny, Aymen Amine Assadi, Harouna Massai, Abdoulaye Kane

article

Water, Air, and Soil Pollution, 2024, Water Air and Soil Pollution, 235 (2), pp.104. [10.1007/s11270-024-06884-1\(https://dx.doi.org/10.1007/s11270-024-06884-1\)](https://dx.doi.org/10.1007/s11270-024-06884-1)

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Journal articles

DOI

DOI : [10.1007/s11270-024-06884-1\(https://dx.doi.org/10.1007/s11270-024-06884-1\)](https://dx.doi.org/10.1007/s11270-024-06884-1)

Accès au bibtex

 (<https://hal.science/hal-04480493/bibtex>)

2023

titre

[Photocatalytic Properties of Bismuth Oxyfluoride Thin Films Deposited by Reactive Magnetron Sputtering in Ar/O₂/CF₄ Atmosphere\(https://hal.science/hal-04037069\)](https://hal.science/hal-04037069)

auteur

Sara Ibrahim, Liana Minasyan, Pierre Bonnet, Guillaume Monier, Eric Tomasella, Thierry Sauvage, Mireille Richard-Plouet, Maryline Le Granvalet, Audrey Bonduelle, Celine Pagis, Angelique Bousquet

article

2023

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Preprints, Working Papers, ...

Accès au texte intégral et bibtex

 (https://hal.science/hal-04037069/file/Bismuth%20oxyfluoride%20films%20article_HAL.pdf)  (<https://hal.science/hal-04037069/bibtex>)

titre

[Synthesis of pilostigma reticulatum decorated TiO₂ based composite and its application towards Cr \(VI\) adsorption and bromophenol blue degradation: Nonlinear kinetics, equilibrium modelling and optimisation photocatalytic parameters\(<https://normandie-univ.hal.science/hal-04027928>\)](https://normandie-univ.hal.science/hal-04027928)

auteur

Sali Mouhamadou, Sadou Dalhatou, David Obada, Lydia Fryda, Angélique Mahieu, Pierre Bonnet, Christophe Caperaa, Abdoulaye Kane, Harouna Massai, Hicham Zeghioud

article

Journal of Environmental Chemical Engineering, 2023, 11 (1), pp.109273. [10.1016/j.jece.2023.109273](https://dx.doi.org/10.1016/j.jece.2023.109273)(<https://dx.doi.org/10.1016/j.jece.2023.109273>)

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Journal articles

DOI

DOI : [10.1016/j.jece.2023.109273](https://dx.doi.org/10.1016/j.jece.2023.109273)(<https://dx.doi.org/10.1016/j.jece.2023.109273>)

Accès au bibtex

 (<https://normandie-univ.hal.science/hal-04027928/bibtex>)

titre

[Oxidation mechanism from an innovative ternary catalytic process based on intrasystem interaction: Decatungstate/Fe₃O₄/H₂O₂\(<https://uca.hal.science/hal-04307672>\)](https://uca.hal.science/hal-04307672)

auteur

Peng Cheng, Pierre Bonnet, Mohamed Sarakha, Christine Mousty, Gilles Mailhot

article

Catalysis Today, 2023, 413-415, pp.114004. [10.1016/j.cattod.2023.01.011](https://dx.doi.org/10.1016/j.cattod.2023.01.011)(<https://dx.doi.org/10.1016/j.cattod.2023.01.011>)

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Journal articles

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DOI : [10.1016/j.cattod.2023.01.011](https://dx.doi.org/10.1016/j.cattod.2023.01.011)(<https://dx.doi.org/10.1016/j.cattod.2023.01.011>)

Accès au bibtex

 (<https://uca.hal.science/hal-04307672/bibtex>)

titre

[Tetra-n-butylammonium decatungstate supported on Fe 3 O 4 nanoparticles: a novel nano-catalyst for green synthesis of nitroso compounds](#)(<https://hal.science/hal-04301268>)

auteur

Peng Cheng, Mohamed Sarakha, Christine Mousty, Pierre Bonnet, Gilles Mailhot

article

Catalysis Science & Technology, 2023, 13 (4), pp.1000-1008. [10.1039/d2cy01862d](https://dx.doi.org/10.1039/d2cy01862d)(<https://dx.doi.org/10.1039/d2cy01862d>)

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Journal articles

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DOI : [10.1039/d2cy01862d](https://dx.doi.org/10.1039/d2cy01862d)(<https://dx.doi.org/10.1039/d2cy01862d>)

Accès au texte intégral et bibtex

 (<https://hal.science/hal-04301268/file/Revised%20manuscript.pdf>)  (<https://hal.science/hal-04301268/bibtex>)

titre

[Reactive sputtering onto an ionic liquid, a new synthesis route for bismuth-based nanoparticles](#)(<https://hal.science/hal-04121663>)

auteur

Sara Ibrahim, Vitalios Ntomprougkidis, Mathias Goutte, Guillaume Monier, Mounir Traïkia, Jean-Michel Andanson, Pierre Bonnet, Angelique Bousquet

article

Nanoscale, 2023, 15 (11), pp.5499-5509. [10.1039/D2NR07028F](https://dx.doi.org/10.1039/D2NR07028F)(<https://dx.doi.org/10.1039/D2NR07028F>)

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Accès au texte intégral et bibtex

(https://hal.science/hal-04121663/file/Article%20Np%20in%20IL_Nanoscale_HAL.pdf) (
<https://hal.science/hal-04121663/bibtex>)

2022

titre

[Using innovative FeF₃ cathode materials in Li batteries working under spacecraft applications](#)(
<https://hal.umontpellier.fr/hal-03936755>)

auteur

Fabien Eveillard, Quentin Loiseleur, Régis Porhiel, Malika El-Ghozzi, Pierre Bonnet, Moulay Tahar Sougrati, Diane Delbegue, Katia Guerin

article

Solid State Ionics, 2022, 387, pp.116079. [10.1016/j.ssi.2022.116079](https://dx.doi.org/10.1016/j.ssi.2022.116079)(<https://dx.doi.org/10.1016/j.ssi.2022.116079>)

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Journal articles

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DOI : [10.1016/j.ssi.2022.116079](https://dx.doi.org/10.1016/j.ssi.2022.116079)(<https://dx.doi.org/10.1016/j.ssi.2022.116079>)

Accès au bibtex

(<https://hal.umontpellier.fr/hal-03936755/bibtex>)

titre

[Fluorination effect on the solubility of C₆₀ in a bis\(trifluoromethylsulfonyl\)imide based ionic liquid](#)(
<https://uca.hal.science/hal-03702400>)

auteur

Yasser Ahmad, Jean-Michel Andanson, Pierre Bonnet, Nicolas Batisse, Daniel Claves, Marc Dubois, Agílio Pádua

article

Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 649, pp.129140. [10.1016/j.colsurfa.2022.129140](https://doi.org/10.1016/j.colsurfa.2022.129140)(<https://dx.doi.org/10.1016/j.colsurfa.2022.129140>)

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DOI : [10.1016/j.colsurfa.2022.129140](https://doi.org/10.1016/j.colsurfa.2022.129140)(<https://dx.doi.org/10.1016/j.colsurfa.2022.129140>)

Accès au texte intégral et bibtex

 (<https://uca.hal.science/hal-03702400/file/COLSUA-D-22-00784%20-%20Colloids%20and%20Surfaces%20A.pdf>)  (<https://uca.hal.science/hal-03702400/bibtex>)

titre

[Highly fluorinated g-C3N4 for photocatalytic applications](https://uca.hal.science/hal-04066088)(<https://uca.hal.science/hal-04066088>)

auteur

Arianit Gashi, Aissam Ait Lhouciane, Nicolas Batisse, Guillaume Monier, Roman Marsalek, Julien Parmentier, Pierre Bonnet

article

2022 Fall Meeting European Materials Research Society (ERMS 2022), Sep 2022, Varsovie, Poland

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Conference papers

Accès au bibtex

 (<https://uca.hal.science/hal-04066088/bibtex>)

titre

[Highly fluorinated g-C3N4 for photocatalytic applications](https://uca.hal.science/hal-04068853)(<https://uca.hal.science/hal-04068853>)

auteur

Arianit Gashi, Aissam Ait Lhouciane, Nicolas Batisse, Guillaume Monier, Lawrence Frezet, Roman Marsalek, Pierre Bonnet, Julien Parmentier

article

23rd International Conference on Photochemical Conversion and Storage of Solar Energy (IPS-23), Aug 2022, Lausanne, Switzerland. (<https://www.fluxim.com/events/2022/6/28/23rd-international-conference-on-photochemical-conversion-and-storage-of-solar-energy>)

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Poster communications

Accès au bibtex

 (<https://uca.hal.science/hal-04068853/bibtex>)

titre

[The photocatalytic degradation of a binary textile dyes mixture within a new configuration of loop reactor using ZnO thin film-phytotoxicity control](#)(<https://hal.science/hal-03753708>)

auteur

Sonia Cherif, Pierre Bonnet, Lawrence Frezet, Abdoulaye Kane, Aymen Amine Assadi, Mohamed Trari, Hynda Yazid, Hayet Djelal

article

Comptes Rendus. Chimie, 2022, 25 (S3), pp.1-19. [10.5802/cr chim.198](https://dx.doi.org/10.5802/cr chim.198)(<https://dx.doi.org/10.5802/cr chim.198>)

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Journal articles

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DOI : [10.5802/cr chim.198](https://dx.doi.org/10.5802/cr chim.198)(<https://dx.doi.org/10.5802/cr chim.198>)

Accès au texte intégral et bibtex

 (https://hal.science/hal-03753708/file/CRCHIM_2022__25_S3_261_0.pdf)  (<https://hal.science/hal-03753708/bibtex>)

titre

[Synthesis and investigation of TiO₂/g-C₃N₄ performance for photocatalytic degradation of Bromophenol Blue and Eriochrome Black T: Experimental design optimization and reactive oxygen species contribution](#)(<https://hal.science/hal-03824515>)

auteur

Fadimatou Hassan, Pierre Bonnet, Jean Marie Dangwang Dikdim, Nadège Gatcha-Bandjoun, Christophe Caperaa, Sadou Dalhatou, Abdoulaye Kane, Hicham Zeghioud

article

Water, 2022, 14 (20), pp.3331. [10.3390/w14203331](https://dx.doi.org/10.3390/w14203331)(<https://dx.doi.org/10.3390/w14203331>)

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DOI : [10.3390/w14203331](https://dx.doi.org/10.3390/w14203331)(<https://dx.doi.org/10.3390/w14203331>)

Accès au bibtex

 (<https://hal.science/hal-03824515/bibtex>)

titre

[g-C₃N₄/TiO₂ S-scheme heterojunction photocatalyst with enhanced photocatalytic Carbamazepine degradation and mineralization](https://normandie-univ.hal.science/hal-03655633)(<https://normandie-univ.hal.science/hal-03655633>)

auteur

Abdoulaye Kane, Latifa Chafiq, Sadou Dalhatou, Pierre Bonnet, Maryline Nasr, Nathalie Gaillard, Jean Marie Dangwang Dikdim, Guillaume Monier, Aymen Assadi, H. Zeghioud

article

Journal of Photochemistry and Photobiology A: Chemistry, 2022, 430, pp.113971. [10.1016/j.jphotochem.2022.113971](https://dx.doi.org/10.1016/j.jphotochem.2022.113971)(<https://dx.doi.org/10.1016/j.jphotochem.2022.113971>)

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Accès au texte intégral et bibtex

 (<https://normandie-univ.hal.science/hal-03655633/file/Article%20Pre-Proof.pdf>)  (<https://normandie-univ.hal.science/hal-03655633/bibtex>)

titre

[Synthesis of NiF₂ and NiF₂·4H₂O Nanoparticles by Microemulsion and Their Self-Assembly\(https://hal.science/hal-02926198\)](#)

auteur

Hameed Ullah, Nicolas Batisse, Katia Guérin, Guillaume Rogez, Pierre Bonnet

article

Langmuir, 2020, 36 (29), pp.8461-8475. [10.1021/acs.langmuir.0c00889\(https://dx.doi.org/10.1021/acs.langmuir.0c00889\)](#)

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DOI : [10.1021/acs.langmuir.0c00889\(https://dx.doi.org/10.1021/acs.langmuir.0c00889\)](#)

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 (https://hal.science/hal-02926198/file/Manuscript%20langmuir_%20PBonnet%202020-VF-corrected%20la-2020-00889m-FINALb.pdf)  (<https://hal.science/hal-02926198/bibtex>)

titre

[Tailoring the structural and optical properties of bismuth oxide films deposited by reactive magnetron sputtering for photocatalytic application\(https://hal.science/hal-02457471\)](#)

auteur

Sara Ibrahim, Pierre Bonnet, Mohamed Sarakha, Christophe Caperaa, Guillaume Monier, Angélique Bousquet

article

Materials Chemistry and Physics, 2020, 243, pp.122580. [10.1016/j.matchemphys.2019.122580\(https://dx.doi.org/10.1016/j.matchemphys.2019.122580\)](#)

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Journal articles

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DOI : [10.1016/j.matchemphys.2019.122580\(https://dx.doi.org/10.1016/j.matchemphys.2019.122580\)](#)

Accès au bibtex

 (<https://hal.science/hal-02457471/bibtex>)

titre

Synthesis of BiOF/TiO₂ Heterostructures and Their Enhanced Visible-Light Photocatalytic Activity(
<https://hal.science/hal-02456078>)

auteur

Maryline Nasr, Wenshi Huang, Carla Bittencourt, Dandan Cui, Ying Sun, Lei Wang, Nathalie Gaillard Caperaa, Yuping Ning, Ping Song, Pierre Bonnet, Cong Wang

article

European Journal of Inorganic Chemistry, 2020, 2020 (3), pp.253-260. [10.1002/ejic.201900970](https://doi.org/10.1002/ejic.201900970)
<https://dx.doi.org/10.1002/ejic.201900970>)

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Journal articles

DOI

DOI : [10.1002/ejic.201900970](https://doi.org/10.1002/ejic.201900970)(<https://dx.doi.org/10.1002/ejic.201900970>)

Accès au bibtex

 (<https://hal.science/hal-02456078/bibtex>)

2019

titre

Synthesis of Nb₂O₅ Nanoplates and their Conversion into NbO₂F Nanoparticles by Controlled Fluorination with Molecular Fluorine(<https://hal.science/hal-02370763>)

auteur

Hameed Ullah, Katia Guérin, Pierre Bonnet

article

European Journal of Inorganic Chemistry, 2019, 2019 (2), pp.230-236. [10.1002/ejic.201801174](https://doi.org/10.1002/ejic.201801174)
<https://dx.doi.org/10.1002/ejic.201801174>)

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DOI

DOI : [10.1002/ejic.201801174](https://dx.doi.org/10.1002/ejic.201801174)(<https://dx.doi.org/10.1002/ejic.201801174>)

Accès au bibtex

 (<https://hal.science/hal-02370763/bibtex>)

2018

titre

[Effect of fluorination on the stability of carbon nanofibres in organic solvents](https://hal.science/hal-01841243)(<https://hal.science/hal-01841243>)

auteur

Nadiège Nomède-Martyr, Elodie Disa, Katia Guérin, Pierre Bonnet, Marc Dubois

article

Comptes Rendus. Chimie, 2018, 21 (8), pp.791 - 799. [10.1016/j.crci.2018.02.012](https://dx.doi.org/10.1016/j.crci.2018.02.012)(<https://dx.doi.org/10.1016/j.crci.2018.02.012>)

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Journal articles

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DOI : [10.1016/j.crci.2018.02.012](https://dx.doi.org/10.1016/j.crci.2018.02.012)(<https://dx.doi.org/10.1016/j.crci.2018.02.012>)

Accès au bibtex

 (<https://hal.science/hal-01841243/bibtex>)

titre

[Surface reactivity of uranium hexafluoride \(UF 6 \)](https://hal.science/hal-01841268)(<https://hal.science/hal-01841268>)

auteur

Bertrand Morel, Ania Selmi, Laurent Moch, Jean-Michel Hiltbrunner, Mickaël Achour, Rachid Benzouaa, Aurélien Bock, Laurent Jouffret, Pierre Bonnet, André Hamwi, Marc Dubois

article

Comptes Rendus. Chimie, 2018, 21 (8), pp.782 - 790. [10.1016/j.crci.2018.05.006](https://dx.doi.org/10.1016/j.crci.2018.05.006)(<https://dx.doi.org/10.1016/j.crci.2018.05.006>)

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Journal articles

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