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Professional course

2018 - 20 **Full Professor** (PR1), Université Claude Bernard Lyon 1. **Applied Supramolecular Chemistry group (CSAp) leader**, UMR 5246 ICBMS

2013 - 18 Associate Professor (PR2), Université Claude Bernard Lyon 1. Applied Supramolecular Chemistry group (CSAp) leader, UMR 5246 ICBMS

2010 Habilitation à diriger les Recherches (Aix-Marseille Université)

2005 Assistant Professor (MCF), Ecole Centrale Marseille, UMR 7313 iSm2

2003 - 05 Research associate, University of Cambridge. Advisor: J. K. M. Sanders

2000 - 03 Ph.D. in Chemistry, Toulouse University, LCC UPR 8241 Advisor: J.-P. Majoral

Awards and Grants

2011 JSP Young Promising Researcher fellowship, 46th Bürgenstock Conference

2012 ANR Young Investigator JCJC 12-JS07-001 *MA²RCO₂SCARE* project, Coordinator

2013 SATT Sud-Est *CO₂-Met* (CO₂-based metal capture) Pre-maturation Grant, Coordinator

2013 **Chair in Chemistry, Multi-scale Science & Technology Excellence Laboratory (iMuST LABEX)**

2013 European Project *LEGOMEDIC* (UCB Pharma –CNRS – ANRT joint Grant), Partner

2016 Pulsalys *Proc-CO₂-Met* (CO₂-based Metal Capture Process) Maturation Grant, Coordinator

2017 ANR PRCE Defi de tous les Savoirs, *Dynasweet* (IMP, EM), Partner then Coordinator

2018 ADEME – VICAT CO₂-Remediation Project, Coordinator

2019 Pack Ambition Recherche *CO₂Met*, Coordinator

2020 **Jean-Marie Lehn Prize, French Chemical Society**

Administrative responsibilities

2016 – present Nominated Member of the ICBMS Scientific Executive Board

2017 – present : ADEME **Member of the GT-Val, GT FdR CCUS**

2017 – present : FWO Organic Chemistry Panel member

2019 – present : NCN Chemistry Panel member

2018 **CO₂ Capture representative for France, ADEME (Mission Innovation CCUS 2017)**

2020 **iMuST LABEX co-coordinator (Chemistry)**

Output and impact

Publications		Bibliometrics		Oral Communications	
Articles	39* H-index	21	<i>Web of Science</i>	Plenary and keynotes	12+
Patents	15	22	<i>Scopus</i>	Communications	30+
Dissemination	27	22	<i>Google Scholar</i>	Seminars	20+
Proceedings	1 Citations	2571	<i>Web of Science</i>	Dissemination	4†
		3137	<i>Google Scholar</i>		
		2640	<i>Scopus</i>		

† 2 radio interviews and 2 TV reports

*1 article >1000 citations, 6 articles >100.

Selection of articles as a corresponding author

Article	Journal	Citations
Simultaneous CO ₂ capture and metal purification from waste streams using triple-level dynamic combinatorial chemistry.	<i>Nature Chem.</i> 2020 , 12, 202.	6
Wetting the lock and key enthalpically favours polyelectrolyte binding.	<i>Chem. Sci.</i> , 2019 , 10, 277.	6
CO ₂ Binding by Dynamic Combinatorial Chemistry: An Environmental Selection	<i>J. Am. Chem. Soc.</i> 2010 , 132, 3582,	49
Structure elucidation of a complex CO ₂ -based organic framework material by NMR crystallography	<i>Chem. Sci.</i> 2016 , 7, 4379	38
A call to (green) arms: a rallying cry for green chemistry and engineering for CO ₂ capture, utilisation and storage	<i>Green. Chem.</i> 2018 , 20, 5058	31