


CV	
<b>Surname</b>	<b>Mohammed</b>
<b>Name</b>	<b>LAHCINI</b>
<b>Nationality</b>	<b>Moroccan</b>
<b>Position / Title</b>	<b>Full Professor, PhD , Cadi Ayyad University of Marrakech, Morocco</b>
<b>Biography Scientific competencies</b>  	<p>Mohammed Lahcini earned both his Master's and Ph.D. degrees from the University of Bordeaux 1 in France, completing his studies in 1991 and 1994 under the supervision of Professor Bernard Jousseume. Following his doctoral work, he conducted postdoctoral research within Professor Jousseume's research group at the same university. In 1995, he joined Cadi Ayyad University as an Assistant Professor, eventually becoming a Full Professor in 2002. Over the span of two decades, from 2002 to 2023, he held various positions as a visiting and associate researcher at prestigious institutions worldwide, collaborating with prominent professors and contributing to significant research projects. His notable recognition includes the Alexander von Humboldt Research Award in 2013 for his substantial contributions to the field of biopolymers. Dr. Lahcini's research encompasses organometallic and macromolecular chemistry, heterogeneous catalysis, homogeneous catalysis, and green chemistry, with a focus on bio-sourced materials for diverse applications. His prolific work has led to the publication of over 120 articles in international journals.</p>
Contact	
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Candidate's Details	
Degrees held	
<b>1998</b>	D. Sc. University Cadi-Ayyad (Marrakech, Morocco)
<b>1994</b>	PhD University Bordeaux I (Bordeaux, France)
<b>1991</b>	Master Research Degree in Molecules and Organic Materials, University of Bordeaux I
Professional Appointments	
<b>Since 2002</b>	Full Professor (Cadi Ayyad University – Marrakech)
<b>1997-2002</b>	Associate Professor (Cadi Ayyad University – Marrakech)
<b>1995-1997</b>	Assistant Professor (Cadi Ayyad University – Marrakech)
120 articles, 1,880 citations, h-index: 24	
List of the major publications since 2022	
<ul style="list-style-type: none"> <li>Abdelhaq Benkaddour, Mohamed Lahcini, Redouane Beniazza, “Optimizing spin-coating of polyamide-6/CNC nanocomposites with improved mechanical properties” Cellulose” volume 30, pages8883–8898 (2023)</li> <li>Abdelghani El Mouat, Taha El Assimi, Mustapha Raihane, Jérémy Ternel, Hervé Bricout, Eric Monflier, Sébastien Tilloy, <b>Mohammed Lahcini</b> “Exploiting poly(ε-caprolactone) grafted from hydrohydroxymethylated sunflower oil as biodegradable coating material of water-soluble fertilizers, Progress in Organic Coatings 179 (2023) 107513</li> <li>Said El Khezraji, Sergio Gonzalez Tomé, Suman Thakur, El-Houssaine Ablouh, Hicham Ben Youcef, Mustapha Raihane, Miguel A. Lopez-Manchado, Raquel Verdejo, <b>Mohammed Lahcini</b> “Fast synthesis of crosslinked self-blowing poly(β-hydroxythioether) foams by decarboxylative-alkylation of thiols at room temperature” European Polymer Journal 189 (2023) 111960</li> <li>Soumaya Agren, Rahma Mehdaoui, Jamal El Haskouri, Emmanuel Beyou, <b>Mohammed Lahcini</b>, Mohamed Hassen V Baouab “Reusable magnetic catalysed synthesis of fluorescent imidazole derivatives: Their use as chromogenic and fluorogenic probes for metal cation’s detection” Journal of Molecular Structure 1287 (2023) 135641</li> <li>Mustapha El kadiri, Taha El Assimi, Pascal Thébault, Abdellatif El Meziane, Sébastien Royer, Abdelkrim El Kadib, Géraldine Gouhier, <b>Mohammed Lahcini</b> “Bismuth Nanoparticles Supported on Biobased Chitosan as Sustainable Catalysts for the Selective Hydrogenation of Nitroarenes” ACS Appl. Nano Mater. 2023, 6, 5, 4017–4027</li> <li>Abderrahmane Nabgui , Nadege Follain, Elvira Vidovic, Jamal El Haskouri, Stephane Marais, Abdellatif El Meziane, <b>Mohamed Lahcini</b> , Pascal Thebault “Preparation and study of the thermal, barrier and antibacterial properties of Polylactic acid-Fluorophlogopite-Silver nanoparticles nanocomposite films” Progress in Organic Coatings 2022, 171 (2022)</li> </ul>	

- Zouhair Hanani, Soukaina Merselmiz, M'barek Amjoud , Daoud Mezzane, **Mohammed Lahcini**, Jaafar Ghanbaja, Matjaz Spreitzer, Damjan Vengust, Mimoun El Marssi, Igor A. Luk'yanchuk, Zdravko Kutnjak, Brigita Rozic, Mohamed Gouné "Novel lead-free BCZT-based ceramic with thermally-stable recovered energy density and increased energy storage efficiency" Journal of Materiomics 8 (2022) 873e881
- Zouhair Hanani, Ilyasse Izanzar, Soukaina Merselmiz, Taha El Assimi, Daoud Mezzane, M'barek Amjoud, Hana Ursic, Uros Prah, Jaafar Ghanbaja, Ismael Saadoun, **Mohammed Lahcini**, Matjaz Spreitzer, Damjan Vengust, Mimoun El Marssi, Zdravko Kutnjak, Igor A. Lukyanchuk and Mohamed Goune "A flexible self-poled piezocomposite nanogenerator based on H<sub>2</sub>(Zr<sub>0.1</sub>Ti<sub>0.9</sub>)<sub>3</sub>O<sub>7</sub> nanowires and polylactic acid biopolymer" Sustainable Energy Fuels, 2022, 6, 1983
- Taha El Assimi, Redouane Beniazza, Mustapha Raihane, Hicham Ben Youcef, Abdellatif El Meziane, Hans Kricheldorf, **Mohammed Lahcini** "Overview on progress in polysaccharides and aliphatic polyesters as coating of water-soluble fertilizers" J. Coat. Technol. Res., 19 (4) 989–1007, 2022
- Sarah Ben Haj Fraj, Marwa Chaabene · Soumaya Agren · Jamal El Haskouri, **Mohammed Lahcini** · Rafik Ben Chaâbane, Mohamed Hassen. Baouab " High incorporation of magnetite nanoparticles inside tetraaza macrocyclic Schiff base cavity: spectroscopic characterization and modeling by DFT calculation" Journal of the Iranian Chemical Society 2022 in press
- Zouhair Hanani, Daoud Mezzane, M'barek Amjoud, **Mohammed Lahcini**, Matjaz Spreitzer, Damjan Vengust, Arash Jamali, Mimoun El Marssi, Zdravko Kutnjak and Mohamed Goune " The paradigm of the filler's dielectric permittivity and aspect ratio in high-k polymer nanocomposites for energy storage applications" J. Mater. Chem. C, 2022, 10, 10823
- El Hassan Boutriouia, Taha El Assimi , Mustapha Raihane, Redouane Beniazza, Hicham Ben Youcef, Mehdi Khoulood, Mohamed Hassen V. Baouab, Abdelkrim El Kadib, **Mohammed Lahcini** "Polymethyl methacrylate-g-carboxy-methylcellulose as an amphiphilic coating material for slow-release fertilizer" Progress in Organic Coatings 172 (2022) 107102

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2. Smart polymers for targeted fertilization, Pr. Mohammed Lahcini Co-PI, UM6P call (APRA), **6.7 millions de Dhs**, Period 2022-2025
3. Valorisation de terpènes et polylactide bio-ressourcés pour la synthèse de copolymères à blocs : vers des additifs chocs verts, Pr. Mohammed Lahcini Coordonnateur, Faculté des Sciences et Techniques – Université Cadi Ayyad Projet PHC Toubkal, **30000 €**, Period 2017-2019
4. Elaboration of biodegradable nanocomposites based on agro-resourced biopolymers (polylactide and poly(caprolactone)-clay: valorization of Moroccan clay, Pr. Mohammed LAHCINI, Faculty of Sciences and Techniques - Cadi Ayyad University, (Projects in the priority areas of scientific research and technology development (PPR) **4 million Dhs**, Period 2015-2023
5. Green Nanocomposites from Spanish and Moroccan Natural Resources, Mohammed LAHCINI, Faculté des Sciences et Technques-Université Cadi Ayyad, Organisme de financement : Académie Hassan II des Sciences et Techniques- CSIC : **1 00000 €**, Period 2015-2019