

---

# Publications 2021

---

[2021](#) [2020](#) [2019](#)

---

---

Jaskiran Kaur, Manpreet Kaur, Manpreet Kaur Ubhi, Mavneet Kaur & **Jean-Marc Greneche**

"Composition optimization of activated carbon-iron oxide nanocomposite for effective removal of Cr(VI) ions"

*Materials Chemistry and Physics* 258 (**2021**) 124002

[DOI : 10.1016/j.matchemphys.2020.124002](https://doi.org/10.1016/j.matchemphys.2020.124002)

---

Jiaying Jin, Mi Yan, Wang Chen, Wenying Zhang, Zhiheng Zhang, Lizhong Zhao, Guohua Bai, & **Jean-Marc Greneche**

"Grain boundary engineering towards high-figure-of-merit Nd-Ce-Fe-B sintered magnets : Synergetic effects of (Nd, Pr)H<sub>x</sub> and Cu co-dopants"

*Acta Materialia* 204 (**2021**) 116529

[DOI : 10.1016/j.actamat.2020.116529](https://doi.org/10.1016/j.actamat.2020.116529)

---

Ramos-Guivara, J. A., López, E. O., **Greneche, J.-M.**, Jochen Litterst, F. & Passamani, E. C.

"Effect of EDTA organic coating on the spin canting behavior of maghemite nanoparticles for lead (II) adsorption"

*Applied Surface Science* 538 (**2021**) 148021

[DOI : 10.1016/j.apsusc.2020.148021](https://doi.org/10.1016/j.apsusc.2020.148021)

---

Zhao, L., Zhang, X., Yan, M., Liu, Z. & **Greneche, J.-M.**

"<sup>57</sup>Fe Mössbauer spectrometry : A powerful technique to analyze the magnetic and phase characteristics in RE-Fe-B permanent magnets"

*Chin. Phys. B* 30(1) (**2021**) 013302.

[DOI : 10.1088/1674-1056/abc53d](https://doi.org/10.1088/1674-1056/abc53d)

---

---

[2021](#) [2020](#) [2019](#)

---