

Publications 2021

[2022](#) [2021](#) [2020](#)

H. Adabi, P. G. Santori, A. Shakouri, X. Peng, K. Yassin, I. G. Rasin, S. Brandon, D. R. Dekel, N. U. Hassan & **M.-T. Sougrati**

"Understanding how single-atom site density drives the performance and durability of PGM-free Fe-N-C cathodes in anion exchange membrane fuel cells"

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A. El Ghali, M. Benzaazoua, H. Bouzahzah, **M. Abdelmoula**, J. Dynes & H. Jamieson

"Role of secondary minerals in the acid generating potential of weathered mine tailings : crystal-chemistry characterization and closed mine site management involvement"

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J. C. Espinosa-Angeles, N. Goubard-Bretesché, E. Quarez, C. Payen, **M.-T. Sougrati**, O. Crosnier & T. Brousse

"Investigating the Cycling Stability of Fe₂WO₆ Pseudocapacitive Electrode Materials"

Nanomaterials 11 (2021) 1405

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Fernande Grandjean & Gary J. Long

"Best Practices and Protocols in Mössbauer Spectroscopy"

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C. Haouari, A. G. Squires, R. Berthelot, **L. Stievano**, **M. T. Sougrati**, B. J. Morgan, O. I. Lebedev, A. Iadecola, O. J. Borkiewicz & D. Dambournet

"Impact of Solution Chemistry on Growth and Structural Features of Mo-Substituted Spinel Iron Oxides"

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L. Jiao, J. Li, L. L. Richard, Q. Sun, T. Stracensky, E. Liu, **M. T. Sougrati**, Z. Zhao, F. Yang & S. Zhong
"Chemical vapour deposition of Fe-N-C oxygen reduction catalysts with full utilization of dense Fe-N4 sites"
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Jiaying Jin, Mi Yan, Wang Chen, Wenyi 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 x 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)

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"
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- D. Pchelina, V. Sedykh, N. Chistyakova, V. Rusakov, Y. Alekhina, A. Tselebrovskiy, B. Fraisse, **L. Stievano & M. T. Sougrati**
" Alkaline-earth metal-doped perovskites La0. 95A0. 05MnO3+́ (A= Ca, Sr) : New structural and magnetic features revealed by 57Fe Mössbauer spectroscopy and magnetic measurements"
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