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Prof. Dr. Mohamed Ellouze,

https://www.researchgate.net/profile/Mohamed\_Ellouze

Education

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| *Oct 2005 – Jan 2020* | **University of Sfax**, Full Professor, Sfax, Tunisia |
| *Oct 1999 – Oct 2005* | **University of Sfax**, Assistant professor, Sfax, Tunisia |
| *Dec 1995 – Dec 1998* | **Grenoble Institute of Technology**Phd, Crystallographic and magnetic properties of SolidsGrenoble, France |
| *Oct 1994 – Jul 1995* | **Grenoble Institute of Technology**Very Good, Physique Energétique, DEA, Grenoble, France |
| *Sep 1993 – Jun 1994* | **University of Sfax,** Prof., Mastership of Physics, Sfax, Tunisia |

Research Experience

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| --- | --- |
| *Sep 1999 – present* | **Professor (Full)**University of Sfax, Faculty of Sciences of Sfax, Sfax, Tunisia |
| *Oct 1994 – Dec 1998* | **PhD Student,** Grenoble Institute of Technology, Filière Génie Energétique et Nucléaire |

Statistics

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| *RG Score* | 34.83 |
| *Publications*  | 142 |
| *Reads* | 16,634 |
| *Citations* | 596 |

Awards & Grants

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| *Jun 2003* | Scholarship: Habilitation |
| *Mar 2002* | Grant: Alexander von Humboldt Stiftung Fellowship |
| *Dec 1998* | Thesis "Synthèse et effet de la substitution limitée et de l'insertion d'atomes (H, C et N) sur les caractéristiques cristallographiques et magnétiques des composés R2Fe17" |

Skills & Activities

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| *Skills* | Structure Determination, Sol-Gel, Rietveld Method, Crystal Structure, Nanomaterials, Solid State Physics, Neutron Diffraction, Condensed Matter Physics, Crystal Growth, Solid-State Chemistry, Nanoparticle Synthesis, Perovskites, Applied X-ray Crystallography, Materials Research, Material Characterization, Physical Properties, XRD Analysis, Synchrotron X-Ray Diffraction, Solid State Synthesis, Ballmilling, DSC, Magnetization, Magnetic Properties, Oxides, Powders, Magnetic Field, Powder X-ray Diffraction, Crystal Engineering, Experimental Physics, Inorganic Chemistry, Materials Chemistry, X-ray Diffraction, Powder Diffraction, Crystal, Crystallization, Materials, Solid State Characterization, Crystallography, Magnetic Materials and Magnetism |
| *Languages* | Arabic, English, French, German |
| *Scientific Memberships* | * 2013-2017: President of the Maghreb-Alexander von Humboldt Alumni Association
* 2009-2013: Vise President of the Maghreb-Alexander von Humboldt Alumni
* Member of International Centre of Diffraction Data (ICDD) (Alloys and Compounds) http://www.icdd.com/index.php/membership/
 |
| *Interests* | Research topics:Perovskite type oxides Pr/LaMnO3.Intermetallic alloys and type R2Fe17, R2Fe14B with R: rare earth.Medical image processing. |

Book Chapters

Mohamed Ellouze: *Cours mécanique du point et du fluide*. COURS DE MÉCANIQUE DU POINT ET MÉCANIQUE DES FLUIDES, 09/2018;

Mohamed Ellouze: *Ferromagnetism in lacunar (Pr, Sr)MnO3 perovskite manganites*. Theoretical and Experimental Studies of Magnetic Materials Including Rare-Earth Nitrides, Semimagnetic Semiconductors, Perovskites Manganites and Metallic Multilayers and Films, 09/2008: pages 35 – 70; Transworld Research Network, 37/661 (2), Fort P.O., Trivandrum-695 023, Kerala, India.., ISBN: 978-81-7895-365-6

Mohamed Ellouze: *Habilitation Universitaire 2003*. Habilitation Universitaire, 06/2003: pages 150;

Journal Publications

1. Dipti Parmar, Preksha Dhruv, Sher Singh Meena, Srikanti Kavita, Charanjeet Singh, Mohamed Ellouze, Rajshree B Jotania: *Effect of Copper Substitution on Structural, Magnetic and Dielectric Properties of M-type PbCuxFe12-xO19 Hexaferrites*. Journal of Electronic Materials 03/2020;
2. Gmar Essalah, G. Kadim, A. Jabar, R. Masrour, Mohamed Ellouze, Hajer Guermazi, Samir Guermazi: *Structural, optical, photoluminescence properties and Ab initio calculations of new Zn2SiO4/ZnO composite for white light emitting diodes*. Ceramics International 02/2020;, DOI:10.1016/j.ceramint.2020.02.031
3. Manel Missaoui, Sandrine Coste, Maud Barré, Anthony Rousseau, Yaovi Gagou, Mohamed Ellouze, Nirina Randrianantoandro: *Investigation of Polyol Process for the Synthesis of Highly Pure BiFeO3 Ovoid-Like Shape Nanostructured Powders*. Nanomaterials 12/2019; 10(1)., DOI:10.3390/nano10010026
4. R. Masrour, A. Jabar, M. S. Ben Kraiem, M. Ellouze, Nirina Randrianantoandro, S. Labidi: *Experimental and Monte Carlo simulation studies of the magnetocaloric effect in R2Fe17 (R = Nd and Gd) compounds*. Indian Journal of Physics 11/2019;, DOI:10.1007/s12648-019-01615-3
5. S. Kadri, S. Labidi, R. Masrour, A. Jabar, M. Labidi, M. Ellouze: *Investigation of total and partial magnetic moments of Mn 2 NiAl with pressure at a several temperatures*. Phase Transitions 06/2019; 92(8):1-8., DOI:10.1080/01411594.2019.1632846
6. K. Klaa, S. Labidi, R. Masrour, A. Jabar, M. Labidi, A. Amara, A. Drici, E. K. Hlil, M. Ellouze: *Structural, electronic, magnetic and thermodynamic properties of Ni 1− x Ti x O alloys an ab initio calculation and Monte Carlo study*. Phase Transitions 01/2018;, DOI:10.1080/01411594.2017.1422502
7. R. Masrour, A. Jabar, H. Khlif, F. Ben Jemaa, M. Ellouze, E.K. Hlil: *Experiment, mean field theory and Monte Carlo simulations of the magnetocaloric effect in La 0.67 Ba 0.22 Sr 0.11 MnO 3 compound*.
8. K. Snini, F. Ben Jemaa, M. Ellouze, E.K. Hlil: *Structural, magnetic and magnetocaloric investigations in Pr 0.67 Ba 0.22 Sr 0.11 Mn 1-x Fe x O 3 (0 ≤ x ≤ 0.15) manganite oxide*. Journal of Alloys and Compounds 12/2017; 739., DOI:10.1016/j.jallcom.2017.12.309
9. A G Gamzatov, · K Sh, Khizriev, · A M Aliev, · Z Khurshilova, · M Ellouze, · F Jemma: *Critical Behavior of the Specific Heat of Pr 0.6 Sr 0.4 Mn 1−x Fe x O 3 Manganites*.
10. Khaled Snini, H. Rahmouni, F. Ben Jemaa, M.Ellouze, K. Khirouni: *Investigation of structural, electrical and dielctrical properties of Pr0.67Ba0.22Sr0.11Mn1-xFexO3 (0≤x≤ 0.2) perovskite*. Journal of Materials Science Materials in Electronics 11/2017;, DOI:10.1007/s10854-017-8182-x
11. R. Masrour, A. Jabar, F. Ben Jemaa, M. Ellouze, E.K. Hlil: *Experiment, mean field theory and Monte Carlo simulations of the magnetocaloric effect in La0.67Ba0.22Sr0.11MnO3 compound*. Solid State Communications 10/2017; 268., DOI:10.1016/j.ssc.2017.10.003
12. A.S. Erchidi Elyacoubi, R. Masrour, A. Jabara, M. Ellouze, E.K. Hlil: *Magnetic properties and magnetocaloric effect in double Sr 2 FeMoO 6 perovskites*. Materials Research Bulletin 10/2017; 99., DOI:10.1016/j.materresbull.2017.10.037
13. Dorra Turki, Zafar Ghouri, Saeed Al-Meer, Khaled Elsaid, M. Ahmad, Ahmed Easa, Gyorgy Remenyi, Sami Mahmood, El Kebir Hlil, Mohamed Ellouze, Foued Elhalouani: *Critical Behavior of La0.8Ca0.2Mn1−xCoxO3 Perovskite (0.1 ≤ x ≤ 0.3)*. 09/2017; 3(3):28., DOI:10.3390/magnetochemistry3030028
14. D. Turki, Zafar Khan ghouri, Saeed Al-Meer, Khaled Elsaid, M. I. Ahmad, Ahmed Easa, M. Ellouze, E. K. Hlil: *Synthesis and Physicochemical Studies of Perovskite Manganite La0.8Ca0.2Nn1−xCoxO3 (0 ≤ x ≤ 0.3)*. Journal of Magnetics 09/2017; 22(3):353-359., DOI:10.4283/JMAG.2017.22.3.353
15. A.G. Gamzatov, A.B. Batdalov, A.M. Aliev, Z. Khurshilova, M. Ellouze, F.B. Jemma: *Specific heat, thermal diffusion, thermal conductivity and magnetocaloric effect in Pr 0.6 Sr 0.4 Mn 1-x Fe x O 3 manganites*. Journal of Magnetism and Magnetic Materials 07/2017; 443., DOI:10.1016/j.jmmm.2017.07.088
16. A.G. Gamzatov, K. Sh. Khizriev, A.M. Aliev, Z. Khurshilova, M. Ellouze, F. Jemma: *Critical Behavior of the Specific Heat of Pr0.6Sr0.4Mn1−xFexO3 Manganites*. Journal of Superconductivity and Novel Magnetism 06/2017;, DOI:10.1007/s10948-017-4193-3
17. D Turki, Zafar Khan Ghouri, Saeed Al-Meer, Khaled Elsaid, MI Ahmad, Ahmed Easa, M Ellouze, EK Hlil: *Synthesis and Physicochemical Studies of Perovskite Manganite La0. 8Ca0. 2Nn1− xCoxO3 (0≤ x≤ 0.3)*.
18. А.Г. Гамзатов, А.Б. Батдалов, А.М. Алиев, M. Ellouze, F. Jemma: *Теплоемкость и магнитокалорический эффект в манганитах Pr-=SUB=-0.6-=/SUB=-Sr-=SUB=-0.4-=/SUB=-Mn-=SUB=-1-x-=/SUB=-Fe-=SUB=-x-=/SUB=-O-=SUB=-3-=/SUB=-*. 01/2017; 59(10):2066., DOI:10.21883/FTT.2017.10.44982.089
19. S. Zouari, E.K. Hlil, M. L.kahn, M. Ellouze, F. Elhalouani: *A Comparative Study of the Structural, Magnetic and Magnetocaloric Properties in Pr0.6La0.1M0.3MnO3 Manganites (M = Ca, Ba and Mg)*. DOI:10.12816/0043928
20. D. Turki, G. Remenyi, S.H. Mahmood, E.K. Hlil, M. Ellouze, F. Halouani: *Magnetic contributions to the specific heat of La 0.8 Ca 0.2 Mn 1-x Co x O 3 perovskite*.
21. D. Turki, G. Remenyi, S.H. Mahmood, E.K. Hlil, M. Ellouze, F. Halouani: *Magnetic contributions to the specific heat of La0.8Ca0.2Mn1-xCoxO3 perovskite*. Materials Research Bulletin 08/2016; 84., DOI:10.1016/j.materresbull.2016.08.018
22. Abir Nasri, E.K. Hlil, A.F. Lehlooh, M.Elouze, F.Elhalouani: *Study of magnetic transition and magnetic entropy changes of Pr0.6Sr0.4MnO3 and Pr0.6Sr0.4Mn0.9Fe0.1O3 compounds*. European Physical Journal Plus 04/2016; 131(4)., DOI:10.1140/epjp/i2016-16110-y
23. Sana (S. Zouari, M.L.Kahn, M. Ellouze, F. Elhalouani: *Effect of iron substitution on the physico-chemical properties of Pr0.6La0.1Ba0.3Mn1-xFexO3 manganites (with 0 ≤ x ≤ 0.3)*. European Physical Journal Plus 08/2015; 130(8):177., DOI:10.1140/epjp/i2015-15177-2
24. Kh. Sbissi, M. L. Kahn, M. Ellouze, F. Elhalouani: *Magnetic and Magnetocaloric Properties of Pr0.8Bi0.2Fe x Mn1−x O3 Compounds with 0 ≤ x ≤ 0.3*. Journal of Superconductivity and Novel Magnetism 08/2015; 28(10)., DOI:10.1007/s10948-015-3181-8
25. D. Fatnassi, Kheiria Sbissi, E. K. Hlil, M. Ellouze, J. L. Rehspringer, F. Elhalouani: *Magnetic and magnetocaloric properties of nano-sized La0.8Ca0.2Mn1−x Fe x O3 manganites prepared by sol–gel method*. 07/2015; 5(4)., DOI:10.1007/s40097-015-0169-7
26. K. Sbissi, V. Collière, M. L. Kahn, E. K. Hlil, M. Ellouze, F. Elhalouani: *Fe doping effects on the structural, magnetic, and magnetocaloric properties of nano-sized Pr0.6Bi0.4Mn1−x Fe x O3 (0.1 ≤ x ≤ 0.3) manganites*. 06/2015; 5(3)., DOI:10.1007/s40097-015-0163-0
27. R. Cherif, E.K. Hlil, M. Ellouze, F. Elhalouani, S. Obbade: *Critical phenomena in La0.6Pr0.1Sr0.3MnO3 perovskite manganese oxide*. Journal of Solid State Chemistry 05/2015;, DOI:10.1016/j.jssc.2015.04.039
28. F. Ben Jemaa, S. H. Mahmood, M. Ellouze, E. K. Hlil, F. Halouani: *Critical behavior and change in universality of La0.67Ba0.22Sr0.11Mn1−x Co x O3 manganites*. Journal of Materials Science Materials in Electronics 04/2015; 26(7)., DOI:10.1007/s10854-015-3085-1
29. D. Fatnassi, J. L. Rehspringer, E. K. Hlil, D. Niznansky, M. Ellouze, F. Elhalouani: *Structural and Magnetic Properties of Nanosized La0.8Ca0.2Mn1−xFexO3 Particles (0 ≤ x ≤ 0.2) Prepared by Sol–Gel Method*. Journal of Superconductivity and Novel Magnetism 03/2015; 28(8)., DOI:10.1007/s10948-015-3030-9
30. F. Ben Jemaa, S.H. Mahmood, M. Ellouze, E.K. Hlil, F. Halouani: *Structural, magnetic, magnetocaloric, and critical behavior of selected Ti-doped manganites*. Ceramics International 03/2015; 41(6)., DOI:10.1016/j.ceramint.2015.03.039
31. Mohamed Ellouze: *Structural and Magnetic Properties of Nanosized La0.8Ca0.2Mn1−xFexO3 Particles (0 ≤ x ≤ 0.2) Prepared by Sol–Gel Method*. Journal of Superconductivity and Novel Magnetism 03/2015;
32. K. Sbissi, M. L. Kahn, M. Ellouze, E. K. Hlil, F. Elhalouani: *The Magnetic and Magnetocaloric Properties of Pr1−x Bi x MnO3 (x = 0.2 and 0.4) Manganites*. Journal of Superconductivity and Novel Magnetism 02/2015; 28(5)., DOI:10.1007/s10948-015-2985-x
33. F. Ben Jemaa, S. Mahmood, M. Ellouze, E. K. Hlil, F. Halouani: *Structural, magnetic, and magnetocaloric studies of La0.67Ba0.22Sr0.11Mn1−x Co x O3 manganites*. Journal of Materials Science 01/2015; 50(2)., DOI:10.1007/s10853-014-8621-5
34. D. Turki, R. Cherif, E. K. Hlil, M. Ellouze, F. Elhalouani: *The effect of Co doping on structural, magnetic and magnetocaloric properties of La 0.8 Ca 0.2 Mn 1-x Co x O 3 perovskites (0 ≤ x ≤ 0.3)*.
35. R. Masrour, M. Hamedoun, A. Benyoussef, O. Mounkachi, H. El Moussaoui, Abir Nasri, E.K. Hlil, M. Ellouze, F. Elhalouani, M. Khlifi, M. Wali, E. Dhari: *Corrigendum to “Structural, magnetic and electrical properties of self-doped La0.8Na0.2\_x□xMnO3 manganites” [Physica B 449 (2014) 36–41]*.
36. F. Ben Jemaa, S. H. Mahmood, M. Ellouze, E. K. Hlil, F. Halouani: *Critical behavior in Fe-doped manganites La0.67Ba0.22Sr0.11Mn1−x Fe x O3 (0 ≤ x ≤ 0.2)*. Journal of Materials Science 10/2014; 49(20)., DOI:10.1007/s10853-014-8390-1
37. F. Ben Jemaa, S. Mahmood, M. Ellouze, E.K. Hlil, F. Halouani, I. Bsoul, M. Awawdeh: *Structural, magnetic and magnetocaloric properties of La0.67Ba0.22Sr0.11Mn1-xFexO3 nanopowders*. Solid State Sciences 09/2014; 37., DOI:10.1016/j.solidstatesciences.2014.09.004
38. D. Turki, R. Cherif, E. K. Hlil, M. Ellouze, F. Elhalouani: *The effect of Co doping on structural, magnetic and magnetocaloric properties of La0.8Ca0.2Mn1-xCoxO3 perovskites (0 ≤x≤0.3)*. International Journal of Modern Physics B 09/2014; 28(32)., DOI:10.1142/S0217979214502300
39. Rim Cherif, E. K. Hlil, M. Ellouze, F. Elhalouani, S. Obbade: *Study of magnetic and magnetocaloric properties of La0.6Pr0.1Ba0.3MnO3 and La0.6Pr0.1Ba0.3Mn0.9Fe0.1O3 perovskite-type manganese oxides*. Journal of Materials Science 08/2014; 49(24):8244.
40. R. Cherif, E. K. Hlil, M. Ellouze, F. Elhalouani, S. Obbade: *Study of magnetic and magnetocaloric properties of La0.6Pr0.1Ba0.3MnO3 and La0.6Pr0.1Ba0.3Mn0.9Fe0.1O3 perovskite-type manganese oxides*. Journal of Materials Science 08/2014; 49(24)., DOI:10.1007/s10853-014-8533-4
41. Abir Nasri, S.Zouari, M. Ellouze, E.K Hlil, F.Elhalouani: *X-ray diffraction, magnetic and magnetocaloric properties of La0.6Ca0.4Mn1-xFexO3 (0 ≤ x ≤ 0.3) manganites prepared by Sol-Gel method*. European Physical Journal Plus 08/2014; 129(8)., DOI:10.1140/epjp/i2014-14180-5
42. Abir Nasri, E. K. Hlil, M. Ellouze, F. Elhalouani: *Critical Behavior in the La0.6Ca0.4MnO3 Perovskite Manganite*. Journal of Superconductivity and Novel Magnetism 08/2014; 27(12)., DOI:10.1007/s10948-014-2662-5
43. R. Cherif, E.K. Hlil, M. Ellouze, F. Elhalouani, S. Obbade: *Magnetic and magnetocaloric properties of La0.6Pr0.1Sr0.3Mn1−xFexO3 (0≤x≤0.3) manganites*. Journal of Solid State Chemistry 07/2014; 215:271., DOI:10.1016/j.jssc.2014.04.004
44. S. Zouari, A. Nasri, M. Ellouze, E. K. Hlil, F. Elhalouani: *Effect of Fe Substitution on the Structural, Magnetic and Magnetocaloric Properties of Pr0.6La0.1Mg0.3Mn1−x Fe x O3 (0≤x≤0.3) Perovskite Manganites Prepared by Sol Gel Method*. Journal of Superconductivity and Novel Magnetism 06/2014; 27:1437.
45. R. Cherif, S. Zouari, M. Ellouze, E. K. Hlil, F. Elhalouani: *Structural, magnetic and magnetocaloric properties of La0.7Sr0.3MnO3 manganite oxide prepared by the ball milling method*. European Physical Journal Plus 05/2014; 129:83.
46. R. Cherif, S. Zouari, M. Ellouze, E. K. Hlil, F. Elhalouani: *Structural, magnetic and magnetocaloric properties of La0.7Sr0.3MnO3 manganite oxide prepared by the ball milling method*. European Physical Journal Plus 05/2014; 120(5)., DOI:10.1140/epjp/i2014-14083-5
47. Mohamed Ellouze: *Structural, magnetic, and magnetocaloric studies of La0.67Ba0.22Sr0.11Mn12xCoxO3 manganites*. Journal of Materials Science 01/2014;
48. S. Zouari, M. Ellouze, E.K. Hlil, F. Elhalouani, M. Sajieddine: *Structural, morphologic and magnetic properties of Pr0.6La0.1Ca0.3Mn1-xFexO3 (0 ≤ x ≤ 0.3) perovskite nanopowder*. Solid State Communications 10/2013; 180:16-23., DOI:10.1016/j.ssc.2013.10.017
49. Abir Nasri, S. Zouari, M. Ellouze, J. L. Rehspringer, A.-F. Lehlooh, F. Elhalouani: *Structural and Magnetic Properties of Pr0.6Sr0.4Mn1−x Fe x O3 (0≤x≤0.3) Manganites Oxide Prepared by the Ball Milling Method*. Journal of Superconductivity and Novel Magnetism 10/2013;, DOI:10.1007/s10948-013-2282-5
50. S. Zouari, M. Ellouze, A. Nasri, W. Cherif, E. K. Hlil, F. Elhalouani: *Morphology, Structural, Magnetic, and Magnetocaloric Properties of Pr0.7Ca0.3MnO3 Nanopowder Prepared by Mechanical Ball Milling Method*. Journal of Superconductivity and Novel Magnetism 08/2013; 27(2)., DOI:10.1007/s10948-013-2306-1
51. S. Zouari, A. Nasri, M. Ellouze, E. K. Hlil, F. Elhalouani: *Effect of Fe Substitution on the Structural, Magnetic and Magnetocaloric Properties of Pr0.6La0.1Mg0.3Mn1−x Fe x O3 (0≤x≤0.3) Perovskite Manganites Prepared by Sol Gel Method*. Journal of Superconductivity and Novel Magnetism 06/2013; 27(6)., DOI:10.1007/s10948-013-2435-6
52. s.zouari, A.Nasri, M.Ellouze, E.K.Hlil, F.Elhalouani: *Effect of Fe substitution on the structural, magnetic and magnetocaloric properties of Pr0.6La0.1Mg0.3Mn1-xFexO3 (0 ≤ x ≤ 0.3) manganites prepared by sol gel method*. Journal of Superconductivity and Novel Magnetism 05/2013; 27(6):6.
53. W. Chérif, M. Ellouze, A.-F. Lehlooh, F. Elhalouani: *Structure, ferromagnetism and magnetotransport properties of nanopowders of Pr0.67Ca0.33FexMn1−xO3 manganites oxide prepared by sol–gel method*. Journal of Alloys and Compounds 12/2012; 543:152–158., DOI:10.1016/j.jallcom.2012.06.014
54. W. Chérif, M. Ellouze, F. Elhalouani, A. -F. Lehlooh: *Synthesis and characterization of fine particles of La0.7Ca0.3MnO3 prepared by the mechanical ball milling method*. European Physical Journal Plus 07/2012; 127(7)., DOI:10.1140/epjp/i2012-12073-3
55. W. Chérif, M. Ellouze, A.-F. Lehlooh, F. Elhalouani, S.H. Mahmood: *Structure, magnetic and magnetoresistance properties of Pr0.67Sr0.33MnO3 manganite oxide prepared by ball milling method*. Journal of Magnetism and Magnetic Materials 07/2012; 324(13):2030–2033., DOI:10.1016/j.jmmm.2012.02.003
56. Wajdi Chérif, Mohamed Ellouze, Abdel-Fatah Lehlooh, Sami H. Mahmood, Foued Elhalouani: *Structure, magnetic properties and Mössbauer spectra of La0.67Sr0.33FexMn1 − xO3 manganites oxide prepared by mechanical ball milling method*. Hyperfine Interactions 05/2012; 211(1-3)., DOI:10.1007/s10751-012-0604-9
57. M. Ellouze, Ph. l'Heritier, A. Cheikh-Rouhou, J. C. Joubert: *ChemInform Abstract: New Method of Insertion of Hydrogen in R2Fe16Ti Alloys with R: Y and Nd*. ChemInform 09/2010; 32(37)., DOI:10.1002/chin.200137023
58. F. Richomme, J.M. Le Breton, M. S. Ben Kraiem, M. Ellouze, A. Cheikhrouhou, Ph. L’Héritier: *Structural and magnetic investigation of (R1−xR′x)2Fe17−yCoyNz(R1−xR′x)2Fe17−yCoyNz powders by Mössbauer spectrometry*. Journal of Alloys and Compounds 09/2010; 505(2):423-427., DOI:10.1016/j.jallcom.2010.06.108
59. W. Boujelben, M. Ellouze, A. Cheikh-Rouhou, J. Pierre, Q. Cai, W. B. Yelon, K. Shimizu, C. Dubourdieu: *ChemInform Abstract: Neutron Diffraction, NMR and Magneto-Transport Properties in the Pr0.6Sr0.4MnO3 Perovskite Manganite*. ChemInform 05/2010; 33(18)., DOI:10.1002/chin.200218018
60. M. Bejar, H. Feki, E. Dhahri, M. Ellouze, M. Balli, E.K. Hlil: *Effects of substituting divalent by monovalent ion on the physical properties of La0.7Ca0.3−xKxMnO3 compounds*.
61. M. Bejar, H. Feki, E. Dhahri, M. Ellouze, M. Balli, E.K. Hlil: *Effects of substituting divalent by monovalent ion on the physical properties of La 0.7Ca 0.3− x K x MnO 3 compounds*. Journal of Magnetism and Magnetic Materials 09/2007; 316(2)., DOI:10.1016/j.jmmm.2007.03.067
62. Garbout, S. Bouattour, M. Ellouze, A. W. Kolsi: *Synthesis, FT-IR and X-Ray Diffraction Investigations of Gadolinium-Substituted Pyrochlore Oxide Gd1.82Cs0.18Ti2O6.82 via a Sol–Gel Process*. Journal of Alloys and Compounds 11/2006; 425(1):88-95., DOI:10.1016/j.jallcom.2006.01.084
63. M. Ellouze, Q. Cai, W. B. Yelon: *Neutron diffraction and magnetic study of Pr 0.63M 0.07Sr 0.3MnO 3 oxides with M = Sm and Bi*. Journal of Alloys and Compounds 01/2005; 386(1):20-25., DOI:10.1016/j.jallcom.2004.05.077
64. M. S. Ben Kraiem, M. Ellouze, A. Cheikh-Rouhou, Ph. L'Héritier: *Magnetic and structural properties of intermetallic compounds Nd2-xRxFe17 (R = Sm, Gd)*. physica status solidi (c) 05/2004; 1(7)., DOI:10.1002/pssc.200304455
65. S. Megdiche, M. Ellouze, A. Cheikh-Rouhou, R. Madar: *Effect of Fe doping on the physical properties of LaKMn1-xFexMoO6 double perovskite with 0 x 0.2*. physica status solidi (c) 05/2004; 1(7):1655-1659., DOI:10.1002/pssc.200304449
66. M. S. Ben Kraiem, M. Ellouze, A. Cheikh-Rouhou, Ph. L'Héritier: *Chemical hydrogenation effects on R2Fe14B compounds with (R= Ce, Nd and Gd)*. physica status solidi (c) 05/2004; 1(7):1697-1700., DOI:10.1002/pssc.200304447
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