

Full list of publications – 23 February 2018

Publications in reverse chronological order

Ruiz-Fuertes, J., Gomis, O., Segura, A., Bettinelli, M., Burianek, M., Mühlberg, M.

Bandgap behavior and singularity of the domain-induced light scattering through the pressure-induced ferroelectric transition in relaxor ferroelectric $A_x\text{Ba}_{1-x}\text{Nb}_2\text{O}_6$ (A: Sr,Ca)
(2018) Applied Physics Letters, 112 (4), art. no. 042901, .

Errandonea, D., Gomis, O., Rodríguez-Hernández, P., Munz, A., Ruiz-Fuertes, J., Gupta, M., Achary, S.N., Hirsch, A., Manjon, F.J., Peters, L., Roth, G., Tyagi, A.K., Bettinelli, M.

High-pressure structural and vibrational properties of monazite-type BiPO_4 , LaPO_4 , CePO_4 , and PrPO_4
(2018) Journal of Physics Condensed Matter, 30 (6), art. no. 065401, .

Piccinelli, F., De Rosa, C., Zanzoni, S., Bettinelli, M.

New Eu(III)-based complex with a C₁ symmetric chiral ligand: A spectroscopic study
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Sharma, S.K., Bettinelli, M., Carrasco, I., Karlsson, M.

Influence of Ce³⁺ Concentration on the Thermal Stability and Charge-Trapping Dynamics in the Green Emitting Phosphor $\text{CaSc}_2\text{O}_4:\text{Ce}^{3+}$
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Anisotropic Proton and Oxygen Ion Conductivity in Epitaxial $\text{Ba}_2\text{In}_2\text{O}_5$ Thin Films
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Carrasco, I., Piccinelli, F., Bettinelli, M.

Luminescence of Tb-based materials doped with Eu³⁺: case studies for energy transfer processes
(2017) Journal of Luminescence, 189, pp. 71-77.

Carrasco, I., Bartosiewicz, K., Piccinelli, F., Nikl, M., Bettinelli, M.

Structural effects and 5d→4f emission transition shifts induced by Y co-doping in Pr-doped $\text{K}_3\text{Lu}_{1-x}\text{Y}_x(\text{PO}_4)_2$
(2017) Journal of Luminescence, 189, pp. 113-119.

Carrasco, I., Piccinelli, F., Bettinelli, M.

Optical Spectroscopy of $\text{Ca}_9\text{Tb}_{1-x}\text{Eu}_x(\text{PO}_4)_7$ (x = 0, 0.1, 1): Weak Donor Energy Migration in the Whitlockite Structure
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Malkin, B.Z., Abishev, N.M., Baibekov, E.I., Pytalev, D.S., Boldyrev, K.N., Popova, M.N., Bettinelli, M.

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