

ALD applied to conformal rare-earth coating of ZnO nanoparticles for low temperature thermal imaging applications
Rauwel, Erwan; Galeckas, Augustinas; Rauwel, Protima ECS transactions 2014 / p. 23-31 : ill <http://dx.doi.org/10.1149/06409.0023ecst>

Highlight of photocurrent generation in carbon-based nanohybrids combined with HfO₂ nanoparticles

Rauwel, Protima; Galeckas, Augustinas; Ducroquet, Frédérique; **Rauwel, Erwan** 5th International Conference on Competitive Materials and Technology Processes : Miskolc-Lillafüred, Hungary, October 8-12, 2018 : book of abstracts 2018 / p. 166
https://www.ic-cmtp5.eu/doc/book_of_abstract_iccmtp5.pdf

Hybrid nanocomposites and ultrastable metal nanoparticles studied for the development of applications in nanomedicine, water purification and energy harvesting

Rauwel, Erwan; **Rauwel, Protima**; Küünal, Siim; Volobujeva, Olga; Ivask, Angela; Galeckas, Augustinas; Duqroquet, F.; Wragg, David EMN Meeting on Nanoparticles 2017 : May 9th to 13th, 2017 in San Sebastian, Spain 2017 / [1] p

Influence of the interface on the photoluminescence properties in ZnO carbon-based nanohybrids

Rauwel, Erwan; Galeckas, Augustinas; Rosario Soares, M.; **Rauwel, Protima** Journal of physical chemistry C 2017 / p. 14879-14887 : ill <http://dx.doi.org/10.1021/acs.jpcc.7b03070>

Investigations on new carbon-based nanohybrids combining carbon nanotubes and metal oxide nanoparticles

Rauwel, Protima; Galeckas, Augustinas; **Salumaa, Martin**; Ducroquet, Frédérique; **Rauwel, Erwan** 4th International Conference on Competitive Materials and Technology Processes : Miskolc-Lillafüred, Hungary, October 3-7, 2016 : book of abstracts 2016 / p. 250 http://www.ic-cmtp4.eu/doc/book_of_abstarct_iccmtp4.pdf

Investigations on new carbon-based nanohybrids combining carbon nanotubes, HfO₂ and ZnO nanoparticles

Rauwel, Protima; Galeckas, Augustinas; **Salumaa, Martin**; **Aasna, Andres**; Ducroquet, Frédérique; **Rauwel, Erwan** IOP conference series : materials science and engineering 2017 / art. 012064, p. 1-5 : ill <http://dx.doi.org/10.1088/1757-899X/175/1/012064>

Metal oxide nanoparticles embedded in rare-earth matrix for low temperature thermal imaging applications

Rauwel, Erwan; Galeckas, Augustinas; **Rauwel, Protima**; Hansen, P.-A.; Wragg, David; Nilsen, Ola; Fjellvag, H. Materials research express 2016 / p. 1-11 : ill <http://dx.doi.org/10.1088/2053-1591/3/5/055010>

One step synthesis of pure cubic and monoclinic HfO₂ nanoparticles : effects of temperature and ambient on the photoluminescent properties

Rauwel, Protima; Galeckas, Augustinas; **Rauwel, Erwan** ECS transactions 2015 / p. 19-28

Photocurrent generation in carbon nanotube/cubic-phase HfO₂ nanoparticle hybrid nanocomposites

Rauwel, Protima; Galeckas, Augustinas; **Salumaa, Martin**; Ducroquet, Frédérique; **Rauwel, Erwan** Beilstein journal of nanotechnology 2016 / p. 1075-1085 : ill <http://dx.doi.org/10.3762%2Fbjnano.7.101>

A review of the synthesis and photoluminescence properties of hybrid ZnO and carbon nanomaterials

Rauwel, Protima; **Salumaa, Martin**; **Aasna, Andres**; Galeckas, Augustinas; **Rauwel, Erwan** Journal of nanomaterials 2016 / art. 5320625, 12 p. : ill <https://doi.org/10.1155/2016/5320625>

Selective photocurrent generation in HfO₂ and carbon nanotube hybrid nanocomposites under Ultra-Violet and visible photoexcitations

Rauwel, Protima; Galeckas, Augustinas; Ducroquet, Frédérique; **Rauwel, Erwan** Materials Letters 2019 / p. 45 - 48
<https://doi.org/10.1016/j.matlet.2019.03.030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spinel alumina nanofibers synthesis via ALD coating of alumina nanofibers

Rauwel, Erwan; Nilsen, Ola; **Rauwel, Protima**; Galeckas, Augustinas; Wragg, David; Walmsley, John; **Hussainova, Irina**; Soots, Karel WG2 workshop and 4th ALDCoE annual seminar : 23-24 May 2016, Helsinki, Finland : abstracts 2016 / [1] p. : ill