

## Documents

Export Date: 04 Mar 2020

Search:

- 1) Nagendiran, S., Chandramohan, A., Dinakaran, K., Alagar, M.  
Octahedral oligomeric silsesquioxane (OAPS and OG) - Polyimide hybrid nanocomposite films: Thermo-mechanical, dielectric and morphology properties  
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- 1) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071384674&doi=10.1080%2f10601325.2019.1653197&partnerID=4>  
DOI: 10.1080/10601325.2019.1653197

Document Type: Article

Publication Stage: Final

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- 2) Deepa, K., Kesava, M., Sureshkumar, R., Dinakaran, K., Arthanareeswaran, G.  
Synthesis and electrochemical properties of blend membranes of polysulfone and poly (acrylic acid-co-2-(2-(piperazin-1-yl) ethylamino)-2-hydroxyethyl methacrylate) for proton exchange membrane fuel cell  
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- 2) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050935531&doi=10.1016%2fj.ijhydene.2018.07.075&partnerID=40>  
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- 3) Srinivasan, K., Subramanian, K., Murugan, K., Benelli, G., Dinakaran, K.  
Fluorescence quenching of MoS<sub>2</sub> nanosheets/DNA/silicon dot nanoassembly: effective and rapid detection of Hg<sup>2+</sup> ions in aqueous solution  
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- 4) Nagendiran, S., Dinakaran, K., Chandramohan, A., Alagar, M., Hamerton, I.



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Synthesis and characterization of organosoluble radiation-resistant composite materials from octa(maleimidophenyl)silsesquioxane and aryldiamines

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- 5) Hariharan, A., Kesava, M., Alagar, M., Dinakaran, K., Subramanian, K.  
Optical, electrochemical, and thermal behavior of polybenzoxazine copolymers incorporated with tetraphenylimidazole and diphenylquinoline  
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- 6) Hariharan, A., Kumar, S., Alagar, M., Dinakaran, K., Subramanian, K.  
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(2018) *Polymer Bulletin*, 75 (1), pp. 93-107. Cited 10 times.

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- 7) Srinivasan, K., Subramanian, K., Rajasekar, A., Murugan, K., Benelli, G., Dinakaran, K.  
A sensitive optical sensor based on DNA-labelled Si@SiO<sub>2</sub> core-shell nanoparticle for the detection of Hg<sup>2+</sup> ions in environmental water samples  
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- 8) Devi, V., Selvaraj, M., Selvam, P., Kumar, A.A., Sankar, S., Dinakaran, K.  
Preparation and characterization of CNSR functionalized Fe<sub>3</sub>O<sub>4</sub> magnetic nanoparticles: An efficient adsorbent for the removal of cadmium ion from water  
(2017) Journal of Environmental Chemical Engineering, 5 (5), pp. 4539-4546. Cited 13 times.  
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- 9) Srinivasan, K., Subramanian, K., Murugan, K., Dinakaran, K.  
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- 10) Kumaran, R., Kumar, S.D., Balasubramanian, N., Alagar, M., Subramanian, V., Dinakaran, K.  
Enhanced Electromagnetic Interference Shielding in a Au-MWCNT Composite Nanostructure Dispersed PVDF Thin Films  
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- 13) Selvi, N., Sankar, S., Dinakaran, K.  
Annealing temperature dependent on the synthesis and characterization of ZrO<sub>2</sub>@ZnO coated ZrO<sub>2</sub> core-shell microspheres  
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- 14) Selvi, N., Sankar, S., Dinakaran, K.  
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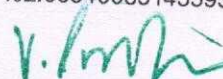
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- 15) Hariharan, A., Subramanian, K., Alagar, M., Dinakaran, K.  
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- 16) Selvi, N., Sankar, S., Dinakaran, K.  
Synthesis, structural and optical characterization of ZrO<sub>2</sub> core-ZnO@SiO<sub>2</sub> shell nanoparticles prepared using co-precipitation method for opto-electronic applications  
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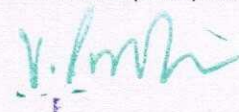
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Interfacial effect: magnetism in pure ZrO<sub>2</sub>, ZnO and SiO<sub>2</sub> coated core/shell/shell hybrid nanoparticles  
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Interfacial effect on the structural and optical properties of pure SnO<sub>2</sub> and dual shells (ZnO; SiO<sub>2</sub>) coated SnO<sub>2</sub> core-shell nanospheres for optoelectronic applications



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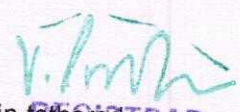
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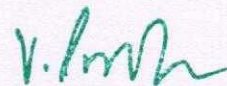
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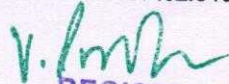
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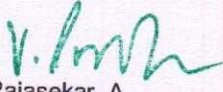
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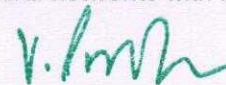
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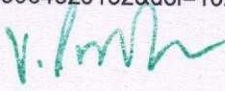
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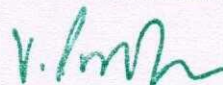
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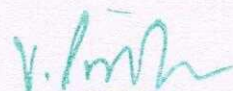
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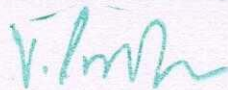
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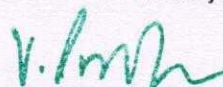
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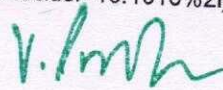
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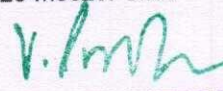
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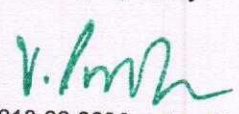
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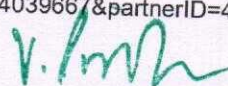
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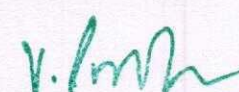
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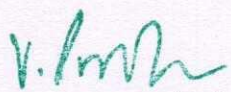
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