

Palani G.S. (Last 5 Years Publication Details)

Chief Scientist,

CSIR-SERC.

1. Swathy B Rajan, V Marimuthu, Purushotham G Sarvade, Gs Palani, M Saravanan, P Prabha, "Numerical Investigation On The Behaviour Of Cold Formed Steel Beam Column Joint Under Monotonic Loading", International Journal Of Science And Innovative Engineering & Technology, Volume 2 , 2015
2. Swathy B Rajan, V Marimuthu, Gs Palani, Purushotham G Sarvade, M Saravanan, M Surendran, P Prabha, "Numerical Studies On The Behavior Of Cold-Formed Steel Self Drilling Screw Lap Joint Under Tension" 2015
3. P Prabha, B Bhuvaneshwari, G Palani, "Nano Modified Foam Concrete", The Masterbuilder, 2015
4. S Maheswaran, Gs Palani, S Kalaiselvam, Nr Iyer, "Synthesis Methods For B-Belite Using Lime Sludge And Silica Particles", Journal Of Structural Engineering (Madras), Volume 43, Issue 4, 2016
5. S Maheswaran, S Kalaiselvam, S Arunbalaji, Gs Palani, Nagesh R Iyer, "Influence Of SiO₂ Nano Particles Towards The Synthesis Of B-Belite (B-C₂S) Using Calcined Lime Sludge By Mechanochemical Method", Advanced Science Letters, Volume 22, Issue 4, 2016
6. A Cinitha, Pk Umesha, Gs Palani, "Synthesis Methods For B-Belite Using Lime Sludge And Silica Particles", JOURNAL OF STRUCTURAL ENGINEERING (MADRAS), Volume 43, Issue 4, 2016
7. S Maheswaran, S Kalaiselvam, GS Palani, S Sasmal, "Investigations on the early hydration properties of synthesized β -belites blended cement pastes", Journal of Thermal Analysis and Calorimetry 125 (1), 53-64, 2016
8. S Maheswaran, S Kalaiselvam, SKSS Karthikeyan, C Kokila, GS Palani "β-Belite cements (β-dicalcium silicate) obtained from calcined lime sludge and silica fume" Cement and Concrete Composites", 66, 57-65, 2016
9. MD Raghunathan, R Senthil, GS Palani, "On the tensile capacity of single-bolted connections between gfrp angles and gusset plates-testing and modelling", KSCE Journal of Civil Engineering 21 (6), 2017.

10. AR Murthy, RS Mathew, GS Palani, S Gopinath, NR Iyer, Compression Behaviour of Steel Tubular Members under Simulated Corrosion and Elevated Temperature, International Journal of Steel Structures, Volume 18, Issue 1, 2018.
11. P Prabha, GS Palani, N Lakshmanan, R Senthil, "Flexural Behaviour of Steel-Foam Concrete Composite Light-Weight Panels," KSCE Journal of Civil Engineering, 2018
12. M Saravanan, R Goswami, GS Palani, "Replaceable fuses in earthquake resistant steel structures: A review", International Journal of Steel Structures 18 (3), 868-879, 2018
13. B Bhuvaneshwari, S Vivekananthan, G Sathiyan, GS Palani, Nagesh R Iyer, Prabhat K Rai, K Mondal, Raju Kumar Gupta, "Doping engineering of V-TiO₂ for its use as corrosion inhibitor" Journal of Alloys and Compounds, 2020