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<input type="checkbox"/> 74	Effect of Solid waste based stabilizing material for strengthening of Expansive soil- A review	Vijayan, D.S., Parthiban, D.	2020	Environmental Technology and Innovation 20,101108	22
	View abstract View at Publisher Related documents				
<input type="checkbox"/> 75	Quasi-static cyclic load performance of encased concrete-filled steel tubular with steel loops joint using sustainable concrete	Aravind Raj, P.S., Divahar, R., Sangeetha, S.P., Joanna, P.S.	2020	Asian Journal of Civil Engineering 21(7), pp. 1259-1267	0
	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract Related documents				
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	View abstract Related documents				

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	View abstract Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/> 87	Experimental study on characteristics strength and deformation of a rock mass	Vijayan, D.S., Arvindan, S., Nivetha, C., (...), Purushothman, S., Uthaman, T.S.	2020	AIP Conference Proceedings 2271,030004	5
	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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<input type="checkbox"/> 94	Effect of silica fume on strength of glass fiber incorporated concrete	Kumar, R.S., Vijayan, D.S., Manzoor, P.A.M., Subinjith, N., Santhosh, S.	2020	AIP Conference Proceedings 2271,030020	7
	View abstract View at Publisher Related documents				

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/> 95	Performance study on clayey soil stabilized by lime and geopolymer with partial replacement of sodium bentonite as an additive	Parthiban, D., Vijayan, D.S., Kausik, J., Rahman, A.A., Veerachandru, K.	2020	AIP Conference Proceedings 2271,030003	1
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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<input type="checkbox"/> 108	Correction to: Plant-Mediated Synthesis, Characterization and Bactericidal Potential of Emerging Silver Nanoparticles Using Stem Extract of Phyllanthus pinnatus: A Recent Advance in Phytonanotechnology (Journal of Cluster Science, (2019), 30, 6, (1481-1488), 10.1007/s10876-019-01591-y) <i>Open Access</i>	Balachandar, R., Krishnapriya, V., Gurumoorthy, P., (...), Boomi, P., Saravanan, M.	2020	Journal of Cluster Science 31(4), pp. 897	2
	View abstract View at Publisher				
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	View abstract Related documents				
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	View abstract Related documents				

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/> 111	Green composite form of eco-friendly concrete by adding pva fiber	Vijayan, D.S., Nivetha, C., Dinesh Kumar, P., Saravanan, B., Gokulnath, V.	2020	Journal of Green Engineering 10(6), pp. 3084-3101	14
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/> 118	Enriched pressmud vermicompost production with green manure plants using <i>Eudrilus eugeniae</i>	Balachandar, R., Baskaran, L., Yuvaraj, A., (...), Chang, S.W., Karmegam, N.	2020	Bioresource Technology 299,122578	28
	View abstract  View at Publisher Related documents				
<input type="checkbox"/> 119	Green Synthesis of Zinc Sulfide Nanoparticles Using <i>Abrus precatorius</i> and Its Effect on Coelomic Fluid Protein Profile and Enzymatic Activity of the Earthworm, <i>Eudrilus eugeniae</i>	Biruntha, M., Archana, J., Kavitha, K., (...), Saravanan, M., Karmegam, N.	2020	BioNanoScience 10(1), pp. 149-156	6
	View abstract  View at Publisher Related documents				
<input type="checkbox"/> 120	Intensification of heat transfer rate using alumina-silica nanocoolant	Nagarajan, F.C., Kannaiyan, S., Boobalan, C.	2020	International Journal of Heat and Mass Transfer 149,119127	7
	View abstract  View at Publisher Related documents				
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	View abstract  View at Publisher Related documents				
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	View abstract  Related documents				
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	View abstract  Related documents				
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	View abstract  Related documents				

	Document title	Authors	Year	Source	Cited by
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	View abstract Related documents				
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	View abstract View at Publisher Related documents				
<input type="checkbox"/> 127	An improved Agrobacterium-mediated transformation method for cotton (Gossypium hirsutum L. 'KC3') assisted by microinjection and sonication	Gurusaravanan, P., Vinoth, S., Jayabalan, N.	2020	In Vitro Cellular and Developmental Biology - Plant 56(1), pp. 111-121	8
	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				

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<input type="checkbox"/> 141	Investigation on aluminium/mild steel plates bonded polyurethane sheets to control vibration	Vijayakumar, K.R., Jayaseelan, J., Ethiraj, N., (...), Sendilvelan, S., Krishnamoorthi, S.	2020	Materials Today: Proceedings 45, pp. 5860-5867	1
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				

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<input type="checkbox"/> 149	Investigation of machining characteristics of aluminium 6061 by wire cut EDM process	Selva Babu, B., Sathiyaraj, S., Ramesh, A.K.P., Afridi, B.A., Varghese, K.K.	2020	Materials Today: Proceedings 45, pp. 6247-6252	2
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	View abstract View at Publisher Related documents				
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	View abstract View at Publisher Related documents				

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/> 157	Experimental investigation of ZnO / SiO ₂ hybrid nano-lubricant in R600a vapour compression refrigeration system	Senthilkumar, A., Mohammed Sahaluddeen, P.A., Noushad, M.N., Mohammed Musthafa, E.K.	2020	Materials Today: Proceedings 45, pp. 6087-6093	0
	View abstract View at Publisher Related documents				
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