

# Scopus Citations

## Number of Articles Published – 47 (2019-2022)

### 19 citations from 13 sources

1. Balakrishnan, Siddharthan & V., Bala & M., Mani & A., Chandresh. (2019). Experimental Investigation of Tribological Behaviour of Aluminium Alloy Based Metal Matrix Composites. *Bulletin of Scientific Research*. 1. 10–16. <https://doi.org/10.34256/bsr1912>

#### Citation 1 Source

S. Thirugnanam, C. Velmurugan, and Binu Kurian Mathew , "An experimental investigation on mechanical properties of aluminium-7075 based graphite and bagasse ash particles reinforced metal matrix composite", *AIP Conference Proceedings* 2446, 040018 (2022) <https://doi.org/10.1063/5.0108849>

2. Manikandan R, Charumathe N, Fariha Begum A, (2019). Application of Biosensor, *Bulletin of Scientific Research*. 1(1) 34–40. <https://doi.org/10.34256/bsr1915>

#### Citation 1 Source

Chircov, Cristina, Alexandra Cătălina Bîrcă, Alexandru Mihai Grumezescu, and Ecaterina Andronescu. 2020. "Biosensors-on-Chip: An Up-to-Date Review" *Molecules* 25, no. 24: 6013. <https://doi.org/10.3390/molecules25246013>

3. Kalaivani P, Rajan C ,Sandhiya S, (2019). An Automated Billing System in Shopping Malls Using Bascart, *Bulletin of Scientific Research*. 1(1) 62–68. <https://doi.org/10.34256/bsr1919>

#### Citation 1 Source

Peraković, D., Periša, M., Cvitić, I., Zorić, P. (2023). Modeling the Purchase Process of the InnIoTShop Solution in a Store Environment. In: Knapčíková, L., Peraković, D. (eds) 6th EAI International Conference on Management of Manufacturing Systems. EAI/Springer Innovations in Communication and Computing. Springer, Cham. [https://doi.org/10.1007/978-3-030-96314-9\\_8](https://doi.org/10.1007/978-3-030-96314-9_8)

4. Gokul V, Rajasekaran T, (2019). Electronic Waste Management by Biological Leaching, *Bulletin of Scientific Research*. 1(1) 54–61. <https://doi.org/10.34256/bsr1918>

#### Citation 1 Source

Subbaiyan, R., Ganesan, A., Sasikumar, B. *et al.* Synthesis and Characterization of Ferrous and Copper Nanoparticles from E-Waste Using Biological Reduction by Lichen-Associated Bacteria and Their Application in Antifouling Activity. *Applied Biochemistry and Biotechnology* (2022). <https://doi.org/10.1007/s12010-022-04293-w>

5. Prakash R, Murugesan A, Kumaravel A, (2019). Influence of Nano Fuel Additives to Control Environmental Pollution from Naturally Aspirated Di-Ci Engine, *Bulletin of Scientific Research*. 1(2) 45–54. <https://doi.org/10.34256/bsr1926>

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S.Sunil, B.S.Chandra Prasad, Shrishail Kakkeri, Suresh, Studies on titanium oxide nanoparticles as fuel additive for improving performance and combustion parameters of CI engine fueled with biodiesel blends, *Materials Today Proceedings*, Volume 44, Part 1, 2021, Pages 489-499. <https://doi.org/10.1016/j.matpr.2020.10.200>

6. Vijayakumar C, Murugesan A, Subramaniam D, Panneerselvam N, (2019) An Experimental Investigation of Diesel Engine Fuelled with MgO Nano Additive Biodiesel - Diesel Blends, *Bulletin of Scientific Research*, 1(2), 28–34. <https://doi.org/10.34256/bsr1924>

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- 1) T.Karthik, N.R.Banapurmath, D.N.Basavarajappa, Sharanabasava V. Ganachari, Pratap S.Kulkarni, P.A.Harari, Effect of injection timing on the performance of dual fuel engine fueled with algae nano-biodiesel blends and biogas, *Materials Today Proceedings*, Volume 59, Part 1, 2022, Pages 289-296. <https://doi.org/10.1016/j.matpr.2021.11.156>
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  - 4) Govind Sharma, Subodh Kumar Sharma, K.V.Ojha, (2022) Review of bio-fuel and nano-particles as an additive in diesel fuelled engine, *Materials Today Proceedings*, Volume 64, Part 3, Pages 1367-1370. <https://doi.org/10.1016/j.matpr.2022.04.307>
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Jamil K. Salem, Issa M. El Nahhal & Mohammed H. Shurrab (2022) Citrate stabilised silver nanoparticles as sensing probe for in-situ Sn<sup>2+</sup> ion determination, *International Journal of Environmental Analytical Chemistry*, 102:4, 844-854, DOI: [10.1080/03067319.2020.1726901](https://doi.org/10.1080/03067319.2020.1726901)

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Bhanu Prakash Sandaka, Jitendra Kumar, (2023) Alternative vehicular fuels for environmental decarbonization: A critical review of challenges in using electricity, hydrogen, and biofuels as a sustainable vehicular fuel, *Chemical Engineering Journal Advances*, Volume 14, 100442. <https://doi.org/10.1016/j.cej.2022.100442>

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  - 2) V.Chiranjeevi, B.Ramesh, A novel optimization of feed and spindle speed levels for surface roughness and cylindricity tolerance while drilling normalized and annealed EN8 steel with tungsten carbide and comparing the outputs with untreated EN8 steel, *Materials Today Proceedings*, Volume 69, Part 3, 2022, Pages 957-961. <https://doi.org/10.1016/j.matpr.2022.07.397>
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### Citation 1 Source

Mailugundla Rupesh, Vishwanath Shivalingappa Tegampure, (2022) Cascade feedforward neural network and deep neural network controller on photovoltaic system with cascaded multilevel inverters: Comparison on standalone and grid integrated system, *Journal of Mechatronics, Electrical Power, and Vehicular Technology*, 13, 157-178. <https://dx.doi.org/10.14203/j.mev.2022.v13.157-178>

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