

Scopus Citations

Number of Articles Published – 20 (2020-2022)

11 citations from 09 sources

1. Selvam K.A, Suriyakumar M, Devanathan J, Kolanjinathan K, Ram kumar A, Selvaraj S, Ramadass L, Synthesis of Ag-NPs from extracts of *Persea americana* and its antimicrobial effects in human pathogens, *Nanonext*, Vol. 1 No. 1 (2020) 10-17. <https://doi.org/10.34256/nnext2012>

Citation 2 Sources

- 1) Armel Florian Tchangou Njiemou, Awawou Paboudam Gbambie, Simone Veronique Fannang, Antoine Vayarai Manaoda, Vasily Gvilava, Alex Spieß, Gildas Fonye Nyuyfoni, Nelie Alida Mepoubong Kegne, Agnes Antoinette Ntomba, Philippe Belle Ebanda Kedi, Bertin Sone Enone, Francis Ngolsou, Jean Yves Sikapi Fouda, Joel Olivier Avom Mbeng, Mesode Nnange Akweh, Armelle Michelle Houatchaing Kouemegne, Daniel Aurelien Yana, Geordamie Chimi, Alex Vincent Somba, Vandeli Deli, Emmanuel Nnanga Nga, Francois Eya'ane Meva, Christoph Janiak, "Antimicrobial Properties of *Strychnos phaeotricha* (Loganiaceae) Liana Bark Secondary Metabolites at the Interface of Nanosilver Particles and Nanoencapsulation by Chitosan Transport Vehicles", *Journal of Nanomaterials*, vol. 2022, Article ID 3491267, 14 pages, 2022. <https://doi.org/10.1155/2022/3491267>
- 2) Jongte Lalmalsawmi, Sarikokba, Diwakar Tiwari, Dong-Jin Kim, Simultaneous detection of Cd²⁺ and Pb²⁺ by differential pulse anodic stripping voltammetry: Use of highly efficient novel Ag⁰(NPs) decorated silane grafted bentonite material, *Journal of Electroanalytical Chemistry*, 918, 1 August 2022, 116490. <https://doi.org/10.1016/j.jelechem.2022.116490>

2. Suresh R, Indira Priyadarshini T, Thirumal Valavan K, Justin Paul M, Role of annealing temperature on the properties of SrO nanoparticles by precipitation method, *Nanonext*, Vol 1, No 1 (2020) 18-23. <https://doi.org/10.34256/nnext2013>

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- 1) Junhua Jiang, John Stempien, Yaqiao Wu, Catalyzed oxidation of nuclear graphite by simulated fission products Sr, Eu, and I, *Journal of Nuclear Materials*, 576, 1 April 2023, 154255. <https://doi.org/10.1016/j.jnucmat.2023.154255>
- 2) F. El-Sayed, MaiS.A. Hussien, T.H. AlAbdulaal, Abdel-Haleem, Abdel Aty, H.Y. Zahran, I.S. Yahia, Mohamed Sh. Abdel-wahab, Essam H. Ibrahim, Medhat A. Ibrahim, Hanan Elhaes, Study of catalytic activity of G-SrO nanoparticles for degradation of cationic and anionic dye and comparative study photocatalytic and electro

& photo-electrocatalytic of anionic dye degradation, Journal of Materials Research and Technology 20 (2022) 959-975. <https://doi.org/10.1016/j.imrt.2022.07.108>

3. Boppana Narendra Kumar, Abhilash B, Naveen Kumar CH, Pavan S, Effect of Nano Materials on Performance Characteristics of High Strength Self Compacting Concrete, Nanonext, Vol 2, No 2 (2021) 26-35. <https://doi.org/10.34256/nnext2123>

Citation 1 Source

Xie C, Tao T, Huang K. Apparent Quality and Service Performance Evaluation of SCFFC in Tunnel Secondary Lining. *Buildings*. 2022; 12(4):479. <https://doi.org/10.3390/buildings12040479>

4. Suresh R, Subash S, Thirumal Valavan K, Justin Paul M, Indira Priyadharshini T, TiO₂ thin films: Impact of substrate temperature on structural and morphological properties, Nanonext, Vol 1, No 1 (2020) 24-29.

Citation 1 Source

N. S. Kumar, B. Babu, M. Gowtham, C. Sivakumar, M.S. Ho, J. H. Chang, K. Mohanraj, Characterization of pure and Cu doped V₂O₅ nanostructures and their Cu:V₂O₅/p-Si photodiode applications, Digest Journal of Nanomaterials and Biostructures, 18(1) (2023) 131-143.

5. Gowtham M, Senthil Kumar N, Chandrasekar Sivakumar, Mohanraj K, Nanostructured and nanocomposite Tungsten Oxide electrodes for electrochemical energy storage: A Short Review, Nanonext, Vol 3, No 2 (2022) 1-7. <https://doi.org/10.54392/nnext2221>

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N. S. Kumar, B. Babu, M. Gowtham, C. Sivakumar, M.S. Ho, J. H. Chang, K. Mohanraj, Characterization of pure and Cu doped V₂O₅ nanostructures and their Cu:V₂O₅/p-Si photodiode applications, Digest Journal of Nanomaterials and Biostructures, 18(1) (2023) 131-143.

6. Suresh R, Thirumal Valavan K, Justin Paul M, Indira Priyadharshini T, Implication of Mn concentration on the properties of cerium oxide thin films, Nanonext, 1(1) (2020) 1-9. <https://doi.org/10.34256/nnext2011>

Citation 1 Source

N. S. Kumar, B. Babu, M. Gowtham, C. Sivakumar, M.S. Ho, J. H. Chang, K. Mohanraj, Characterization of pure and Cu doped V₂O₅ nanostructures and their Cu:V₂O₅/p-Si photodiode applications, Digest Journal of Nanomaterials and Biostructures, 18(1) (2023) 131-143.

7. Gowtham M, Chandrasekar S, Mohanraj C, Senthil Kumar N, Morphology dependent photocatalytic activity of ZnO nanostructures-A short review, *Nanonext* 1(1) (2020) 30-38. <https://doi.org/10.34256/nnext2015>

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Nur Rabiatul Adawiyah Mohd Shah, Rozan Mohamad Yunus, Nurul Nabila Rosman, Wai Yin Wong, Khuzaimah Arifin, Lorna Jeffery Minggu, Synthesis of ZnO ON 3D Graphene/Nickel Foam For Photoelectrochemical Water Splitting, *Malaysian Journal of Analytical Sciences*, Vol 26 No 3 (2022): 546 – 553.

8. K.A. Selvam, M. Suriyakumar, J. Devanathan, K. Kolanjinathan, A. Ram kumar, S. Selvaraj, L. Ramadass, Synthesis of Ag-NPs from extracts of *Persea americana* and its antimicrobial effects in human pathogens, *NanoNEXT*, 1 (2020) 10–17. <https://doi.org/10.34256/nnext2012>

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Source**

Lin, Yu-Hsuan, Chandrasekar Sivakumar, Babu Balraj, Gowtham Murugesan, Senthil Kumar Nagarajan, and Mon-Shu Ho. 2023. "Ag-Decorated Vertically Aligned ZnO Nanorods for Non-Enzymatic Glucose Sensor Applications" *Nanomaterials* 13, no. 4: 754. <https://doi.org/10.3390/nano13040754>

9. L. Henry, H.L. Barnabas, B.A. Aliyu, J.A. Gidigbi, A.B. Abubakar, A. Markus, Comparative Analysis of Stable Aqueous Dispersion of Silver Nanoparticle Synthesized from *Mangifera Indica* and *Azadirachta Indica* Leaf Extract. *NanoNEXT* 2022, 3, 1–10. <https://doi.org/10.54392/nnext2241>

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Lin, Yu-Hsuan, Chandrasekar Sivakumar, Babu Balraj, Gowtham Murugesan, Senthil Kumar Nagarajan, and Mon-Shu Ho. 2023. "Ag-Decorated Vertically Aligned ZnO Nanorods for Non-Enzymatic Glucose Sensor Applications" *Nanomaterials* 13, no. 4: 754. <https://doi.org/10.3390/nano13040754>