Publications of Dr. K. Rajasekar,

Assistant Professor and Head Department of Nanoscience and Technology Anna University Regional Campus Coimbatore-641046

Duraisamy, V., Selvakumar, K., Krishnan, R., Kumar, S.M.S. 57204705957;56435875500;44161159200;55382551600; Investigation on Template Etching Process of SBA-15 Derived Ordered Mesoporous Carbon on Electrocatalytic Oxygen Reduction Reaction (2019) ChemistrySelect, 4 (8), pp. 2463-2474. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062206562&doi=10.1002*2fslct.201900243&partnerID=40&md5=de07877d16b84853e 1a72b9ed289c23c

DOI: 10.1002/slct.201900243 DOCUMENT TYPE: Article

SOURCE: Scopus

Rajagopal, R., Krishnan, R., Ramasubbu, A., Kamaludeen, B.A. 56808934800;44161159200;6507583761;56809413800; Synthesis of Bi2W06-RGO nanocomposite for photocatalytic application (2017) 2015 International Conference on Smart Sensors and Systems, IC-SSS 2015, art. no. 7873588, . https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017253065&doi=10.1109%2fSMARTSENS.2015.7873588&partnerID=40&md5=eeb4740b2 d66afd4e17fc8c9b1a432b0

DOI: 10.1109/SMARTSENS.2015.7873588
DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Rajagopal, R., Ragunathan, A., S.M., S.K., Krishnan, R., Kamaludeen, B.A. 56808934800;57060496500;57191091638;44161159200;56809413800; Synthesis and electrochemical studies of Ta - Graphene nanocomposite film modified platinum electrode (2016) Journal of Electroanalytical Chemistry, 780, pp. 53-59. https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986556475&doi=10.1016%2fj.jelechem.2016.09.003&partnerID=40&md5=532d104bc 68dfc51f6a9e032ffef005f

DOI: 10.1016/j.jelechem.2016.09.003 DOCUMENT TYPE: Article

SOURCE: Scopus

Senthil Kumar, S.M., Selvakumar, K., Thangamuthu, R., Karthigai Selvi, A., Ravichandran, S., Sozhan, G., Rajasekar, K., Navascues, N., Irusta, S. 55887016900;56435875500;6507207201;57191593159;7005935957;15078666400;44161159200;24174913700;57194680502;

Hydrothermal assisted morphology designed MoS2 material as alternative cathode catalyst for PEM electrolyser application

(2016) International Journal of Hydrogen Energy, 41 (31), pp. 13331-13340. https://www.scopus.com/inward/record.uri?eid=2-s2.0-

84991744657&doi=10.1016%2fj.ijhydene.2016.05.285&partnerID=40&md5=d89c4fe75.2474e62c16863a31069170a

DOI: 10.1016/j.ijhydene.2016.05.285

DOCUMENT TYPE: Article

SOURCE: Scopus

Subramaniyan, A., Krishnan, R., Sivailango, S., Kamala Thiagarajan, S., Rajasekar, B., Sorna Kumar, T., Ilangovan, R. 56784119900;44161159200;57192714487;57192711979;57192714340;57190307754;660 3595323;

Solar absorption capacity of zinc oxide nanofluids (2016) Current Science, 111 (10), pp. 1664-1668. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007550397&doi=10.18520%2fcs%2fv111%2fi10%2f1664-1668&partnerID=40&md5=ec552cd4e8d19f6bd27943a3a66edafa

DOI: 10.18520/cs/v111/i10/1664-1668

DOCUMENT TYPE: Article ACCESS TYPE: Open Access

SOURCE: Scopus

Ragunathan, A., Krishnan, R., Ameen Kamaludeen, B. 57060496500;44161159200;57060528900; Stability of tungsten oxide nanoparticles in different media (2015) Journal of Chemical Research, 39 (11), pp. 622-626. https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954444157&doi=10.3184%2f174751915X14446446579178&partnerID=40&md5=2bbc5b0 ae28a505b1f4f65f22bcce5ea

DOI: 10.3184/174751915X14446446579178

DOCUMENT TYPE: Article

SOURCE: Scopus

Rajagopal, R., Kamaludeen, B.A., Krishnan, R. 56808934800;56809413800;44161159200; Synthesis and Exploration of Graphene Bubbles for Supercapacitor Electrodes (2015) Electrochimica Acta, 180, pp. 53-63. https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940373313&doi=10.1016%2fj.electacta.2015.08.087&partnerID=40&md5=2b1e3e9a a0baa9bf49c7fff8fb48d83e

DOI: 10.1016/j.electacta.2015.08.087

DOCUMENT TYPE: Article

SOURCE: Scopus

Gopalakrishnan, A., Krishnan, R., Thangavel, S., Venugopal, G., Kim, S.-J. 56704747300;44161159200;55536474000;55600099600;22944436400; Removal of heavy metal ions from pharma-effluents using graphene-oxide nanosorbents and study of their adsorption kinetics (2015) Journal of Industrial and Engineering Chemistry, 30, pp. 14-19. https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940447827&doi=10.1016%2fj.jiec.2015.06.005&partnerID=40&md5=952dc21183eb0 224e912a3670275298d

DOI: 10.1016/j.jiec.2015.06.005

DOCUMENT TYPE: Article

SOURCE: Scopus