

References

- [1] H. Lin, C. P. Huang, W. Li, C. Ni, S. I. Shah & Y. H. Tseng, “Size dependency of nanocrystalline TiO₂ on its optical property and photocatalytic reactivity exemplified by 2-chlorophenol” Applied Catalysis B: Environmental 68 (2006) 1.
- [2] A. Momeni & M. H. Mahdieh, “Photoluminescence analysis of colloidal silicon nanoparticles in ethanol produced by double-pulse ns laser ablation”, Journal of Luminescence 176 (2016) 13.
- [3] R. Koole, E. Groeneveld, D. Vanmaekelbergh, A. Meijerink & C. M. Donegá, “Size effects on semiconductor nanoparticles”, Springer, Verlag Berlin Heidelberg (2014)
- [4] M. I. Baig, P. G. Ingole, W. K. Choi, J. D. Jeon, B. Jang, J. H. Moon & H. K. Lee, “Synthesis and characterization of thin film nano composite membranes incorporated with surface functionalized silicon nanoparticles for improved water vapor permeation performance”, Chemical Engineering Journal 308 (2017) 27.
- [5] F. E. Kruis, A. Goossens & H. Fissan, “Synthesis of semiconducting nanoparticles”, Journal of Aerosol Science 27 (1996) 165.
- [6] R. Kelsall, I. Hamley & M. Geoghegan, “Nanoscale Science and Technology” (John Wiley and Sons Ltd.) 2005
- [7] E. A. Odo, D. T. Britton, G. G. Gonfa & M. Harting, (2012) “Structure and Characterization of silicon nanoparticles produced using a vibratory disc mill” African Review of Physics 7 (2012) 45.
- [8] T. Nissinen, T. Ikonen, M. Lama, J. Riikonen, V. P. Lehto, (2016) “Improved production efficiency of mesoporous silicon nanoparticles by pulsed electrochemical etching”, Powder Technology Journal 288 (2016) 360.
- [9] B. S. Xakalashe, & M. Tangstad, “Silicon processing: from quartz to crystalline

silicon solar cells”, Southern African Pyrometallurgy, Johannesburg, (2011) 6.

- [10] I. W. Email, A. S. Nasiru, K. A. Abba, A. A. Umaru, “Extraction and quantification of silicon from silica sand obtained from zauma river, Zamfara State, Nigeria”, European Scientific Journal 9 (2013) 15.
- [11] B. G. Gribov & K. V. Zinov’ev, (2003). “*Preparation of High-purity Silicon for Solar Cells*”, Journal of Inorganic Materials 39 (2003) 653.
- [12] C. K. Chan, “*High-performance lithium battery anodes using silicon Nanowires*”, Nature Nanotechnology 3 (2008) 31.
- [13] H. Wu, “Stable cycling of double-walled silicon nanotube battery anodes Through solid-electrolyte interphase control”, Nat. Nanotechnol. 7(2012) 310.
- [14] X. H. Liu, “*Size-Dependent Fracture of Silicon Nanoparticles During Lithiation*” American Chemical Society Nano 6 (2012) 1522.
- [15] H. Wu & Y. Cui, (2012). “Designing nanostructured Si anodes for high energy lithium ion batteries” Nano Today 7 (2012) 414.
- [16] A. Onajah, A. N. Amah & Ayomanor (2012). “Comparative studies of silicon from rice husk ash and natural quartz”, American Journal of Scientific and Industrial Research, 3 (2012) 146.
- [17] M. D. Vazeed, J. Akash, M. Anusha, & V. K. Ajay, (2015)”Quantitative and Qualitative Analysis of Silicon extracted from Godavari river sand, Kandakurthi, Telangana, India”, International Journal of Engineering Research & Technology (IJERT) 4(2015)
- [18] U. J. Kim, S. H. Eom, & M. Wada, “Thermal decomposition of native cellulose: Influence on crystallite size”, Polymer Degradation and Stability, 95 (2010) 778.
- [19] M. Wada & T. Okano, “Localization of I α and I β phases in algal cellulose revealed by acid treatments”, Cellulose 8(2001) 183.

- [20] G. Dal Martello, E. Tranell, S. Gaal, O. S. Raaness, K. Tang & L. Arnberg, “Study of Pellets and Lumps as Raw Materials in Silicon Production from Quartz and Silicon Carbide”, Metallurgical and Materials Transactions B, 42b (2011) 939.
- [21] C. Victor & R. Alvaro, “Measure of the colour of beach nourishment sands: A case study from Belgium coast”, Article in Trabajos de Geologia, Universidad de Oviedo, 35 (2015) 7.
- [22] A. Waqar, R. A. Majid, Y. Zhichun, K. Jahangeer, J. Wenkui, J. Fan, C. Liang, L. Nishuang, L. Luying & G. Yihua, “Extraction of nano-silicon with activated carbons simultaneously from rice husk and their synergistic catalytic effect in counter electrodes of dye-sensitized solar cells”, Scientific Reports 6 (2016) 39314, DOI: 10.1038/srep39314
- [23] F. Zachary, W. Wei, H. B. Hamed, M. Zafer, A. Kazi, L. Chueh, O. Mihrimah & S. O. Cengiz, “Scalable Synthesis of Nano-Silicon from Beach Sand for Long Cycle Life Lithium Batteries”, Scientific Reports 4 (2014) 5623, DOI: 10:1038.
- [24] A. Darghouth, S. Aouida & B. Bessais, “High Purity Porous Silicon Powder Synthesis by Magnesiothermic Reduction of Tunisian Silica Sand”, Springer Nature B. V. (2020).