

[Journal of Nano Research Vol. 35](#)

Journal of Nano Research Vol. 35

1. Auflage 2015. Buch. 136 S. Hardcover

ISBN 978 3 03835 884 8

[Weitere Fachgebiete > Technik > Technik Allgemein > Nanotechnologie](#)

schnell und portofrei erhältlich bei

The logo for beck-shop.de features the text 'beck-shop.de' in a bold, red, sans-serif font. Above the 'i' in 'shop' are three red dots of varying sizes, arranged in a slight arc. Below the main text, the words 'DIE FACHBUCHHANDLUNG' are written in a smaller, red, all-caps, sans-serif font.

beck-shop.de
DIE FACHBUCHHANDLUNG

Die Online-Fachbuchhandlung beck-shop.de ist spezialisiert auf Fachbücher, insbesondere Recht, Steuern und Wirtschaft. Im Sortiment finden Sie alle Medien (Bücher, Zeitschriften, CDs, eBooks, etc.) aller Verlage. Ergänzt wird das Programm durch Services wie Neuerscheinungsdienst oder Zusammenstellungen von Büchern zu Sonderpreisen. Der Shop führt mehr als 8 Millionen Produkte.

Table of Contents

Enhanced-Surface-Area TiO₂-Based Nanotube for Photocatalytic Applications J.H.C. Yang, S.H. Huang and C.C. Yang	1
Synthesis and Detection the Thermal Expansion of CdSe Quantum Dots from Room Temperature to 700°C Z.Y. Zhao, Y. Zhou, F.G. Bian and K.H. Zhang	11
Hierarchical Nanostructured ZnO-CuO Nanocomposite and its Photocatalytic Activity S. Das and V.C. Srivastava	21
A Novel Modified Sol-Gel Template Synthesis of High Aspect Ratio Silica Nanotubes in the Presence of Phosphoric Acid K. Prem Ananth, S.P. Jose, A.J. Nathanael, T.H. Oh, D. Mangalaraj and A.M. Ballamurugan	27
Methane Formation in Fischer-Tropsch Synthesis: Role of Nanosized Catalyst Particles A.N. Pour and S.M. Modaresi	39
Application of Nanotechnology in Biomedicine: A Major Focus on Cancer Therapy H. Zare-Zardini, F. Ferdowsian, H. Soltaninejad, A. Ghorani Azam, S. Soleymani, M. Zare-Shehneh, M. Mofidi, R. Rafati and L. Ebrahimi	55
Crystallography, Impurities and Magnetic Properties of Mn-Doped ZnO Nanoparticles Prepared by Coprecipitation Method H. Harsono, I.N.G. Wardana, A.A. Sonief and Darminto	67
Superior Performance of Dye-Sensitized versus Conventional TiO₂ Nanoparticles for Promoting Germination and early Growth of Barley: From Photovoltaic to Biotechnological Application H. Mir, A.G. Ahangar and N. Mir	77
Detecting Antibody-Labeled BCG MNPs Using a Magnetoresistive Biosensor and Magnetic Labeling Technique T.R.G. Barroso, V.C. Martins, F. Cardoso, S. Cardoso, J. Pedrosa, M. Correia-Neves, J. Rivas and P.P. Freitas	92
Pulmonary Histological Alterations Induced by 20 nm Silver Nanoparticles M. Almansour, C.L. Sajti, Z. Shraideh and B. Jarrar	104
A Facile Preparation of Flexible Alumina/Carbon Composite Nanofibers Film L. Qi, L.X. Song, X.F. Zhao, C.J. Fang, X.R. Lin and J. Xiong	115