

Publications of Dr. Baburao N Sherikar

Observation of phase transformations in cement during hydration

BS H.K. Choudhary, A.V. Anupama, R. Kumar, M.E. Panzi, S. Mattepanavar ...
Construction and Building Materials 101 (part 1), 122-129

Prospect of Thermal Insulation by Silica Aerogel: A Brief Review

AD Mohammed Adnan Hasan, Rashmi Sangashetty, A. Carmel Mary Esther ...
Journal of The Institution of Engineers (India): Series D, doi:10.1007 ...

Luminescence enhancement in monoclinic CaAl₂O₄: Eu²⁺, Cr³⁺ nanophosphor by fuel-blend combustion synthesis

RH Krishna, BM Nagabhushana, BN Sherikar, NS Murthy, C Shivakumara, ...
Chemical Engineering Journal 267, 317-323

Synthesis of diopside by solution combustion process using glycine fuel

BN Sherikar, AM Umarji
International Journal of Modern Physics: Conference Series 22, 217-223

Evaluations of silica aerogel-based flexible blanket as passive thermal control element for spacecraft applications

MA Hasan, S Rashmi, A Esther, PY Bhavanisankar, BN Sherikar, ...
Journal of Materials Engineering and Performance 27 (3), 1265-1273

Synthesis of γ-alumina by solution combustion method using mixed fuel approach (urea+ glycine fuel)

BN Sherikar, AM Umarji
Int. J. Res. Eng. Technol 5

Effect of adiabatic flame temperature on nano alumina powders during solution combustion process

BN Sherikar, AM Umarji
Transactions of the Indian Ceramic Society 70 (3), 167-172

Effect of fuel and fuel to oxidizer ratio in solution combustion synthesis of nanoceramic powders: MgO, CaO and ZnO

BN Sherikar, B Sahoo, AM Umarji
Solid State Sciences 109, 106426

One-step synthesis of diopside (CaMgSi₂O₆) ceramic powder by solution combustion method

BN Sherikar, B Sahoo, AM Umarji
Advanced Powder Technology 31 (8), 3492-3499

Synthesis of Yetrium ferrite (YFeO₃) by solution combustion synthesis using alanine as a fuel

BNS Pradeep Sherikar
Materials Today Proceedings 4 (10), 10794-10797

Synthesis of Co doped ZnO spintronic nanopowders by Solution Combustion Method and their characterization

Venkatesh B.J, Baburao N. Sherikar
International Journal of Engineering Research and Technology 6 (2), 619-624

Compaction behaviour of solution combustion synthesized alumina ceramic powders

BN Sherikar, AM Umarji
Int J Emerg Technol Adv Eng 3, 351-355

Optical, electronic, and microstructural properties of mixed phase RF magnetron sputtered vanadium oxide thin films on quartz and aluminized quartz

MA Hasan, S Chavan, A Dalal, A Rajendra, A Mondal, BN Sherikar, A Dey
Surface and Interface Analysis 53 (10), 844-851

Effect of Fly Ash on Setting Mechanism and Strength of Commercial Cement: A Chemical Approach

GL Bhuvana, BN Sherikar, GV Honnavar, R Madhusudhana, B Sahoo

Synthesis of Ni doped ZnO nanopowders by solution combustion method using glycine as fuel

HSRBN Sherikar
Journal of Emerging Technologies and Innovative Research 5 (07), 104-108

Synthesis of Mg doped ZnO nanopowders by solution combustion method and their characterization

RPBN Sherikar
Journal of Emerging Technologies and Innovative Research 5 (07), 316-321

Investigations of Solution Combustion Process and their Utilization for Bioceramic Applications
BN Sherikar

A novel rapid synthesis of gamma alumina by combustion method

BNSMAHAM Umarji
International Journal of Emerging Technology and Advanced Engineering 7 (10 ...

Synthesis of Fe doped ZnO spintronic nanopowders by Solution Combustion Method and their characterization

BNS Hansraj Sahu
International Journal of Engineering Research and Technology 6 (2), 591-596

Effect of fuel to oxidizer ratio on YFeO₃ phase formation using glycine fuel during solution combustion process

BNS Pradeep S.K.
International Journal of Engineering Research and Management 3 (07), 172-176

Synthesis of nano magnesium aluminate by solution combustion process using mixed fuel approach (urea+sucrose)

BNS Chanveer Gogi, Prag Shah, Venkatesh D, Sangmesh P.K
International Journal of Engineering Research and Management 3 (05), 180-185

Aerodynamic Study of the Effects of Ice Accretion over a Symmetric Airfoil Configuration

BNS Md Adnan Hasan, Abdud Dayyan Sheriff , Spreeth R
International Journal of Advancement in Engineering Technology Management ...

Synthesis of γ - Alumina by Solution Combustion Method using Mixed Fuel Approach (Urea+Citric Acid Fuel)

BNS Shivakumar D Patil, Pradeep Sherikar
International Journal of Scientific Research and Development 4 (8), 616-618

Synthesis of Cobalt (Co) doped ZnO Spintronic Nano Powders by Solution Combustion Method and Their Characterization

BN Sherikar

Publications of Dr. John U. Kennedy

A review of technologies for manganese removal from wastewaters

DS Patil, SM Chavan, JUK Oubagaranadin

Journal of Environmental Chemical Engineering 4 (1), 468-487

Evaluation of Fuller's earth for the adsorption of mercury from aqueous solutions: a comparative study with activated carbon

JUK Oubagaranadin, N Sathyamurthy, ZVP Murthy

Journal of Hazardous Materials 142 (1-2), 165-174

Adsorption of divalent lead on a montmorillonite– illite type of clay

JUK Oubagaranadin, ZVP Murthy

Industrial & Engineering Chemistry Research 48 (23), 10627-10636

Isotherm modeling and batch adsorber design for the adsorption of Cu (II) on a clay containing montmorillonite

JUK Oubagaranadin, ZVP Murthy

Applied Clay Science 50 (3), 409-413

Removal of Cu (II) and Zn (II) from industrial wastewater by acid-activated montmorillonite-illite type clay

JUK Oubagaranadin, ZVP Murthy, VP Mallapur

Comptes Rendus Chimie 13 (11), 1359-1363

A brief review on the synthesis of zeolites from hazardous wastes

VP Mallapur, JUK Oubagaranadin

Transactions of the Indian Ceramic Society 76 (1), 1-13

Applicability of three-parameter isotherm models for the adsorption of mercury on fuller's earth and activated carbon

JUK Oubagaranadin, ZVP Murthy, PS Rao

Indian chemical engineer 49 (3), 196

Characterization and use of acid-activated montmorillonite-illite type of clay for lead (II) removal

JU Kennedy Oubagaranadin, ZVP Murthy

AIChE journal 56 (9), 2312-2322

Activated carbons: Classifications, Properties and Applications

JUKO ZVP Murthy

Nova Science Publishers

Modeling of adsorption of chromium (VI) on activated carbons derived from corn (*Zea mays*) cob

JUK Oubagaranadin, ZVP Murthy

Chemical Product and Process Modeling 4 (1)

Removal of Pb (II) from aqueous solutions by carbons prepared from Sal wood (*Shorea robusta*)

JU Kennedy Oubagaranadin, ZVP Murthy
European Journal of Wood and Wood Products 67 (2), 197-206

Characterization and use of chemically activated *Butea monosperma* leaf dust for mercury (II) removal from solutions

MA Devani, B Munshi, JUK Oubagaranadin
Journal of environmental chemical engineering 3 (3), 2212-2218

SYNTHESIS OF ZEOLITE FROM INORGANIC WASTES

VP Mallapur, JUK Oubagaranadin, SS Lature

Remediation of Hg(II) from solutions using *Cajanus cajan* husk as a new sorbent

MA Devani, B Munshi, JUK Oubagaranadin, BB Lal, S Mandal
Environmental technology 38 (15), 1878-1886

Studies on the removal of manganese from synthetic wastewaters by nanofiltration - a parametric modeling study

SMC Deepthi S. Patil, John U. Kennedy Oubagaranadin
Desalination and Water Treatment 88, 93-105

Carbons and clays for heavy metals removal - A review of latest literature

JUKO ZVP Murthy
Nova Science Publishers

BP-ANN Approach for Modeling Cd (II) Bio-Sorption from Aqueous Solutions Using *Cajanus cajan*

MA Devani, JUK Oubagaranadin, B Munshi, BB Lal, S Mandal
Iranian Journal of Chemistry and Chemical Engineering (IJCCE) 38 (1), 111-125

Biosorption of Cu (II) and Zn (II) from Real Wastewater onto *Cajanus cajan* Husk

MA Devani, JUK Oubagaranadin, B Munshi
International Journal of Environmental and Ecological Engineering 9 (7), 896-899

SYNTHESIS OF ZEOLITE-A FROM LOCALLY AVAILABLE FULLER'S EARTH IN KARNATAKA, INDIA

VP Mallapur, JUK Oubagaranadin
Journal of Advanced Scientific Research 9 (01), 43-48

BIOSORPTION OF Hg (II) FROM AQUEOUS SOLUTIONS USING *BUTEA MONOSPERMA*

MA Devani, B Munshi, JUK Oubagaranadin, BB Lal

Publications of Dr. Amares R.

A review of membrane technology for gas separation

GSK Prashant P. Patil, S.M.Chavan, John U. Kennedy Oubagaranadin, Sanket D ...
International Journal of Scientific Research in Science and Technology 1 (5) ...

Effect of boric acid sintering aid on densification of barium ferrite

SS Vidyawathi, R Amares, LN Satapathy

Bulletin of Materials Science 25 (6), 569-572

[Kinetics of Solid–Solid Reactions: Influence of the Number of Contact Points](#)

R Amaresh, M Pathak, AK Suresh

Industrial & Engineering Chemistry Research 53 (29), 11659-11667

[A model and parameter estimation methodology for solid-solid reactions in cement clinkerization](#)

A Raichur, P Manan, S A,K

CEMSEM 2014

[Quantitative phase analysis by XRD-applied for calcium aluminates bio ceramics](#)

A Raichur, AK Suresh

RABEEIS-13

Publications of Dr. Sharanabasappa B. Patil

Prospect of thermal insulation by silica aerogel: a brief review

MA Hasan, R Sangashetty, A Esther, SB Patil, BN Sherikar, A Dey

Journal of The Institution of Engineers (India): Series D 98 (2), 297-304

322017Influence of Ethanol Amount During Washing on Deagglomeration of Co-Precipitated Calcined Nanocrystalline 3 YSZ Powders

SB Patil, AK Jena, P Bhargava

International Journal of Applied Ceramic Technology 10, E247-E257

122013Characterization of agglomeration state in nanocrystalline 3YSZ powders through pressure–displacement curves and nanoindentation of green compacts

SB Patil, P Bhargava

Powder technology 228, 272-276

22012Examining impact of particle deagglomeration techniques on microstructure and properties of oxide materials through nanoindentation

SB Patil, AK Jena, P Bhargava

Nanomechanical Analysis of High Performance Materials, 231-250

12014Laser Zap: An Optical Approach for Elemental Analysis of Sample Surface

KALAS Zeenab A Pathan, Raja V. L. N. Sridhar, S. B. Patil, Adwaita Goswami

Physics Education 33 (4), 1-5

2017SYNTHESIS OF 3mol% YSZ BY CO-PRECIPITATION METHOD & INFLUENCE OF PROPANOL WASH

PS Joshi¹, SB Patil

International Journal of Advacnement in Engineering Technology, Management ...

2017Thermal Energy Storage and its Significance (Review)

SBP Chandrakala.S.Doddamani

- International Journal for Scientific Research & Development 4 (5), 1124-1126

2016

Publications of Dr. Veeresh P. Mallapur

Removal of Cu (II) and Zn (II) from industrial wastewater by acid-activated montmorillonite-illite type of clay

JUK Oubagaranadin, ZVP Murthy, VP Mallapur
Comptes Rendus Chimie 13 (11), 1359-1363

A brief review on the synthesis of zeolites from hazardous wastes

VP Mallapur, JUK Oubagaranadin
Transactions of the Indian Ceramic Society 76 (1), 1-13

Synthesis of zeolite from inorganic wastes

VP Mallapur, JUK Oubagaranadin, SS Lature
International Journal of Research in Engineering and Technology, 431-434

SYNTHESIS OF ZEOLITE-A FROM LOCALLY AVAILABLE FULLER'S EARTH IN KARNATAKA, INDIA

VP Mallapur, JUK Oubagaranadin
Journal of Advanced Scientific Research 9 (01), 43-48

Top of Form

Publications of Prof. Hansraj Sahu

Synthesis of Fe Doped Zno Spintronic Nano Powders by Solution Combustion Method & Their Characterization

HN Sahu, BN Sherikar - Int. J. Eng. Res. Technol., 2017 - academia.edu

Publications of Prof. Pawan Rangdal

SYNTHESIS OF ALUMINIUM TRIHYDRATE FROM KAOLIN THROUGH ALKALI DISSOLUTION METHOD

Pawan Rangdal, Pradeep H.N

International Journal of Technical Research and Applications e-ISSN: 2320-8163, www.ijtra.com Volume 3, Issue 4 (July-August 2015), PP. 182-184

Bottom of Form