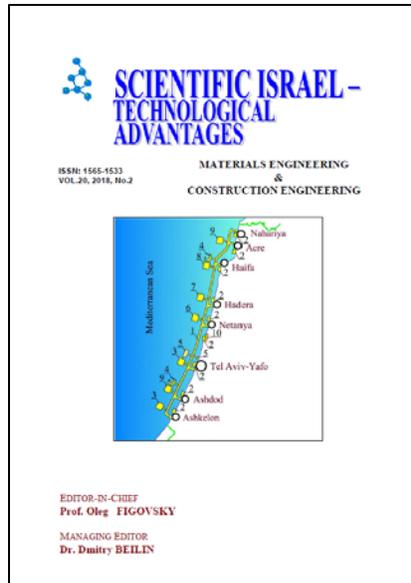




Scientific Israel-Technological Advantages, vol.20,no.1,2018

CONTENTS

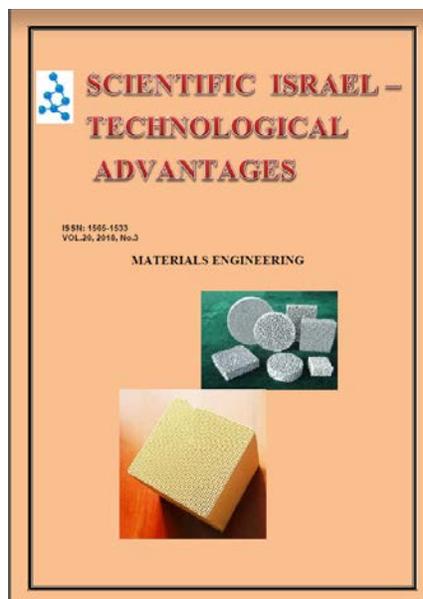
M. Ioelovich Green Chemistry and Technology of Plant Biomass	3
M. Ioelovich Influence of Hydrolysis Conditions on Production of Cellulose Nanocrystalline Particles	13
P. Kudryavtsev Composite Materials for Manufacture of Water Destroyable Form-Forming Equipment	21
P. Kudryavtsev, O. Kudryashova, A. Elokhov Solubility, Density and Freezing Temperature in Multicomponent Systems with Potassium and Calcium Nitrates and Chlorides	40
K.K. Kombayev, L.I. Kveglis, S.E.Sandybay, A.T.Shokputova Technology of Electrolytum-Plasma Treatment of Aluminum Alloys	46
LETTERS	
O.G. Pensky Mathematical Model of Efficient Formation of Public Consciousness by Mass Media	55
NEWS & EVENTS	
• 22nd Annual Green Chemistry & Engineering Conference, Portland OR, USA, June 18-20,2018	63
• Annual Global Experts Meet on Green Chemistry and Engineering, Tokyo, Japan, May 07-08, 2008	64
• 8th APMAS2018 International Advances and in Applied Physics & Materials Science Congress and Exhibition, Sentido Luka Resort, Oludeniz, Turkey, April 24-30, 2018	65



Scientific Israel-Technological Advantages, vol.20,no.2,2018

CONTENTS

M. Ioelovich	
Green Technology of Microcrystalline Cellulose	3
E.K.Shahbazov, E.A.Kazimov, T.R.Yusifova	
Strength Properties of the Nanostructured Hardened Cement Paste	8
M.J.M. Abadie	
Controlling Three-Dimensional Network for Marine and Aeronautical Applications	15
V. Zelenkov, A. Lapin, T. Belonozhkina ,N.Voropaeva, V. Karpachev , O.Figovsky	
Total Antioxidant Activity of Plantes in Dynamics	27
V. Gurevich , A. Kozlov. M. Kozlov	
Concept of Development the Mediterranean Coastal Territory of Israel	35
P. Kudryavtsev	
Preparation of Initial Compositions in the Manufacture of Water-Dissolved Form-Forming Elements	41
LETTERS	
O. Figovsky	
Investment and Inventions	53
A. Zabuty	
Who, Where and How to Train Agricultural Specialists In Israel	59
NEWS & EVENTS	
International Symposium on Precision Engineering and Sustainable Manufacturing PRESM 2018, Sapporo, Japan	67



Scientific Israel-Technological Advantages, vol.20,no.3,2018

CONTENTS

M. Ioelovich

Practical Waxes Method for Determination of Distortions and Sizes of Cellulose Crystallites 3

E.Shahbazov, E.Kazimov, S. Babayev, K. Huseynli

Studying the Rheological Properties of Curative Naftalan Oil with Nanosystem of Silver Composition 12

S.M. Tarasov, A.N. Ivankin

Preparation of Nano Micro Dispersions of Modified Carbamide Formaldehyde Oligomers of Enhanced Stability 25

P. Kudryavtsev

Composition, Structure and Properties of Porous Heat-Resistant Composite Materials (Review) 33

P. Kudryavtsev

Colloidal Solutions in the Preparation of Inorganic Composites and Ceramics 59

LETTERS

O. Figovsky

Investment and Inventions 73

NEWS & EVENTS

5th International Conference on Competitive Materials and Technology Processes, Hungary, October 8-12, 2018 81

The Magazine "NBICS-Science. Technologies" 82