

CONTENTS

NEW BREAD'S RECIPES WITH SOLUBLE FIBERS Camelia Arghire, Ionela Niculita	5
CORRECTION OF FLOURS WITH ALPHA-AMILASE DEFICIT TAKING INTO ACCOUNT DOUGH'S DEMAGE Nechita Vasilica	8
RESEARCH ON HEMICELLULOLYTIC ENZYMES INFLUENCE UPON DOUGH RHEOLOGIC PROPERTIES Neculai Ana-Maria, Prună Cristina	11
ATMOSPHERE PROTECTION IN INTERNAL LAW Licuța Petria	20
MODIFICATIONS OF SOME DOUGH RHEOLOGICAL DESCRIPTORS THROUGH THE ADDITION OF VEGETAL FIBRES WITH FUNCTIONAL PROPERTIES Nicolae Ciprian Popa, Radiana Tamba-Berehoiu, S. Popescu	25
THE QUANTIFICATION OF PROTEIN CONTRIBUTION OF BREAD FORTIFIED WITH DIFFERENT EXOGENOUS PROTEINS Mihaela Constandache	34
BREAD PRODUCTS FORTIFIED WITH PROTEINS AND THEIR BENEFITS TO OUR HEALTH Mihaela Constandache	40
BIOTECHNOLOGY FOR FOOD: KEY TOPICS IN PLANT BIOTECHNOLOGY Anca Păunescu	46
MATHEMATICAL MODELING OF COOKIE AND CRACKER OVENS Constantin Moraru, Lorela Georgescu	60
SYMMETRY CONCEPT APPLIED IN MOLECULAR SPECTROSCOPY Dana Ortansa Dorohoi, Cristina Elena Hretcanu, M.C. Crasmareanu	67
INTERMOLECULAR INTERACTIONS IN HOMOGENEOUS SOLUTIONS Mihaela Dimitriu, Alina Rogojanu, Mihaela Dulcescu, Dana-Ortansa Dorohoi	74
ECOLOGICAL INFLUENCE OF <i>HETEROBASIDION ANNOSUM</i> (FR.) BREF. MUSCHROM ATTACK IN SOME REPRESENTATIVE STANDS FROM SUCEAVA DISTRICT Margareta Grudnicki	80
SOME BIOCHEMICAL AND PHYSIOLOGICAL ASPECTS OF RESPIRATION, DURING SENESCENT FABA BEAN SEEDS GERMINATION Marcel Avramiuc.....	86

MALT PROCESSING TO OBTAIN HIGH GRAVITY WORT FOR RESEARCH APPLICATIONS	
Rodica Rotar.....	90
EFFECTS OF BRAN FERMENTATION ON QUALITY OF HIGH-FIBER WHEAT BREAD	
Gabriela Pop, Ion Nicolae Ranga, Mândruț Viorica.....	96
THE EFFECT OF STARTER CULTURES ON THE QUALITY OF WHEAT DOUGH BREAD	
Georgiana Gabriela Codină.....	103
TEMPERATURE'S EFFECT IN CAP AND MAP FOR THE MEAT PACKAGING PROCESS	
Amelia Buculei.....	109
FLAVOUR - PACKAGING INTERACTIONS	
Ioana Rebenciuc.....	119
THE EFFECT OF THE MALT FLOUR ON THE RHEOLOGICAL PROPERTIES OF THE DOUGH AND THE BREAD QUALITY	
Ana Leahu, Georgiana Gabriela Codină.....	126
SOME CONSIDERATIONS ON FRACTAL DIMENSION	
Cristina Hrețcanu, Alice Roșu, Adara Blaga, Alisa Hârjabă.....	132
STUDIES ON HIGH-SURFACE ELECTRODE PRODUCTION FOR WATER ELECTROLYSIS	
Maria Poroch-Serițan, Violeta Vasilache, Alice Roșu, Amelia Buculei.....	140
APPLICATIONS OF LIQUID CRYSTAL POLYMERS	
Cristina Damian.....	148
PHOTOCATALYTIC DEGRADATION OF PHENYLUREA HERBICIDES IN AQUEOUS SOLUTION	
Maria-Magdalena Bobul, Ilie Siminiceanu, Ramona Tătaru, Steven Wilson, Elsa Lundanes.....	155
THE IMPLEMENTATION OF THE EUROPEAN UNION DIRECTIVES REGARDING THE AIR QUALITY AT A NATIONAL LEVEL AND ALSO IN SUCEAVA COUNTY	
Valeria Dițoiu.....	169
VIRTUAL INSTRUMENTS FOR PARAMETER EVOLUTION SIMULATION IN A MILK STOCKING TANK	
Silviu-Gabriel Stroe, Traian Severin.....	179