1. Record Nr. UNINA9910464368303321

Autore	Niedzwiecki Lukasz
Titolo	Guide to Biomass comminution : material properties, machinery, principles of the process and fundamentals of process modelling / / Lukasz Niedzwiecki
Pubbl/distr/stampa	Hamburg, Germany : , : Bachelor + Master Publishing, , 2013 ©2013
ISBN	3-86341-938-3
Descrizione fisica	1 online resource (71 p.)
Collana	Bachelor Thesis
Disciplina	662.8
Soggetti	Biomass energy Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Guide to Biomass comminution; Table of contents; 1. INTRODUCTION; 1.1 General; 1.2 Comminution as one unit operation in the Biofuel supply chain; 1.3 Structure of biomass - wood as an example; 1.4 Elementary mechanics in the comminution process; 1.5 Comminution machinery; 2. MODEL INTRODUCTION; 2.1 The reason for making a model; 2.2 Models valid for brittle materials; 2.3 Identification of reliable parameters for the model; 2.4 Measuring the specific energy; 3. QUALITATIVE CHIPPING MODEL; 3.1 Derivation of the qualitative model for chipping; 4. RESULTS AND DISCUSSION 4.1 Coefficients for the equations5. CONCLUSIONS; 6. Bibliography; APPENDIX A - different classifications of biomass comminution equipment; APPENDIX B - technical specification of properties for solid biofuels; APPENDIX C - Janka Hardness and Dry density; APPENDIX D - Janka Hardness and Moisture Content - along with coefficients for linear function of moisture in the chipping model; APPENDIX E - different models of chippers and their basic parameters
Sommario/riassunto	This study aims to derive a qualitative model for energy requirements of the wood chipping process. A relationship is shown between energy requirements and properties of biomass, which is a quite variable material.The relationship between comminution machinery and energy which is necessary for the process is highlighted. The derivation of the

	model is focused on chipping, but it is generally possible to make it available for both different types of biomass (f. ex. agricultural residues)and different types of comminution machinery (f. ex. hammermills) by using different material properties adju

2.

Record Nr.	UNINA9910168735703321
Titolo	Acta biologica Sibirica
Pubbl/distr/stampa	Barnaul, Rossiskaia Federatsiia : , : Altai State University, , 2015-
Descrizione fisica	1 online resource
Soggetti	Zoogeography - Russia Phytogeography - Russia Biogeography - Russia Biology - Classification Biogeography Phytogeography Zoogeography Periodicals. Russia
Lingua di pubblicazione	Russo
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

3. Record Nr. UNINA9910557628803321

Autore	Shimo Tsuyoshi
Titolo	Hedgehog Signaling in Organogenesis and Tumor Microenvironment
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
Descrizione fisica	1 online resource (172 p.)
Soggetti	Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The Hedgehog signaling pathway is an evolutionarily conserved pathway that governs complex developmental processes, including stem cell maintenance, proliferation, differentiation, and patterning. Several recent studies have shown that the aberrant activation of Hedgehog signaling is associated with neoplastic transformation, cancer cell proliferation, metastasis, multiple cancers' drug resistance, and survival rates. This book focuses on several aspects of Hedgehog signaling in organogenesis and the tumor microenvironment, and presents reviews and original papers on recent efforts in the field of Hedgehog signaling.