1. Record Nr. UNINA9910830228503321

Titolo	71st Conference on Glass Problems [[electronic resource]] : a collection of papers presented at the 71st Conference on Glass Problems : the Ohio State University, Columbus, Ohio : October 19-20, 2010 / / edited by Charles H. Drummond, III
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-American Ceramic Society, 2011
ISBN	1-283-24002-5 9786613240026 1-118-10641-5 1-118-09534-0 1-118-10642-3
Descrizione fisica	1 online resource (278 p.)
Collana	Ceramic engineering and science proceedings, , 0196-6219 ; ; v. 32, issue 1, 2011
Altri autori (Persone)	DrummondCharles H., III.
Disciplina	666 666.12
Soggetti	Glass Glass manufacture
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 and index.
Nota di contenuto	71st Conference on Glass Problems; Contents; Foreword; Preface; Acknowledgments; GLASS MELTING; Recent Developments of Batch and Cullet Preheating in Europe-Practical Experiences and Implications; Oxy-Fuel Conversion Reduces Fuel Consumption in Fiberglass Melting; Solar Glass Melting; Integrated Air Quality Control System for Float Glass Furnace; GLASS SCIENCE, DEFECTS, AND SAFETY; Heavy Metal Issues-In and Out of Glass; A Look at the Chemical Strengthening Process: Alkali Aluminosilicate Glasses vs. Soda-Lime Glass; Studying Bubble Glass Defects That are Caused by Refractory Materials Analysis of Cord and Stones in Glass""Cat Scratch"" Cord Dispersal; Tools Used to Improve Operational Safety in Johns Manville Glass Plants; REFRACTORIES AND RECYCLING; Extra Clear Glass Refractory Selection: A Follow Up; Refractory Issues and Glass Processing and Preventative Solutions; Fuel Savings with High Emissivity Coatings;

	Regenerator Temperature Modeling for Proper Refractory Selection; Thinking Green: Recycling in the Refractory Industry; Recycling of Post-Consumer Glass: Energy Savings, CO2 Emission Reduction, Effects on Glass Quality and Glass Melting Characterization and Improvement of Gob Delivery SystemsCONTROLS AND RAW MATERIALS; Model Based Process Control for Glass Furnace Operation; Taking Full Benefit of Oxygen Sensors and Automatic Control; Flue Gas Treatment in the Glass Industry: Dry Process and Calcium-based Sorbents; To Wet or Not to Wet-That is the Question-Part A; A Historical Perspective on Silica and the Glass Industry in the USA; Author Index
Sommario/riassunto	This issue contains a collection of papers presented at the 71st Conference on Glass Problems, October 19-20, 2010 at The Ohio State University, Columbus, Ohio. Topics include glass melting; glass science, defects; safety; refractories; recycling; controls; and raw materials.

2.

Record Nr.	UNINA9910964869303321
Autore	Patthy Laszlo
Titolo	Protein evolution / / Laszlo Patthy
Pubbl/distr/stampa	Oxford ; ; Malden, Mass., : Blackwell Science, 2008
ISBN	9786612139161 9781282139169 1282139169 9781444308884 1444308882
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (392 p.)
Classificazione	BIO 175f BIO 220f CHE 820f WD 5100 WH 2600
Disciplina	572/.6
Soggetti	Proteins - Evolution
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 and index.
Nota di contenuto	Protein-coding genes -- Protein structure -- Mutations -- Evolution of protein-coding genes -- Evolution of orthologous proteins -- Formation of novel protein-coding genes -- Evolution of paralogous proteins -- Protein evolution by assembly from modules -- Genome evolution and protein evolution.
Sommario/riassunto	This book provides an up-to-date summary of the principles of protein evolution and discusses both the methods available to analyze the evolutionary history of proteins as well as those for predicting their structure-function relationships. Includes a significantly expanded chapter on genome evolution to cover genomes of model organisms sequenced since the completion of the first edition, and organelle genome evolution Retains its reader-friendly, accessible style and organization Contains an updated glossary and new references, including a list of online refere