

1. Record Nr.	UNINA9910779494703321
Autore	Nevills Pamela
Titolo	Build the brain for reading, grades 4-12 / / Pamela Nevills ; foreword by Patricia Wolfe
Pubbl/distr/stampa	Thousand Oaks, Calif., : Corwin London, : SAGE, c2011 Thousand Oaks, Calif. : , : Corwin, , 2011
ISBN	1-4522-3589-9 1-4129-6110-6 1-4522-2322-X
Descrizione fisica	1 online resource (xi, 188 pages) : illustrations
Collana	Gale eBooks
Disciplina	372.416
Soggetti	Developmental reading Reading - Physiological aspects Reading, Psychology of
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	Contents; Foreword; Preface; Acknowledgments; About the Author; 1 - Learning From Childhood to Adulthood; 2 - Brain Structures Accessed for Reading; 3 - Learning and Neuron Activity; 4 - Memory Systems and Learning; 5 - Reading With Comprehension, Automaticity, and Fluency; 6 - Motivation and Ability to Learn Through the Grades; 7 - Neurology and Technology for All Aspects of the Curriculum; 8 - Older Students Who Struggle With Reading to Learn; 9 - Neurology for All Content Areas; 10 - Resources, Connections, and Future Classrooms; Glossary; References and Further Reading; Index
Sommario/riassunto	This title will help teachers understand brain development and how it relates to all aspects of literacy, including phonemic awareness, vocabulary, writing, fluency, and comprehension. Along with classroom activities that build skills in these areas, the book also includes current research and theory.

2. Record Nr.	UNINA9910830732903321
Autore	Hughes Andrew B
Titolo	Amino Acids, Peptides and Proteins in Organic Chemistry: Protection Reactions, Medicinal Chemistry, Combinatorial Synthesis. Vol. 2
Pubbl/distr/stampa	[Place of publication not identified], : Wiley VCH Imprint, 2009
ISBN	3-527-63178-X
Descrizione fisica	1 online resource (xxii, 683 pages) : illustrations
Altri autori (Persone)	Hughes Andrew B
Disciplina	547.750459
Soggetti	Amino acids - Synthesis Amino acids Peptides Proteins
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Synthesis and Chemistry of Modified Amino Acids. Synthesis and Chemistry of [alpha], [beta]- Didehydroamino Acids / Uli Kazmaier -- Synthesis and Chemistry of [alpha]-Hydrazino Acids / Jolle Vidal -- Hydroxamic Acids: Chemistry, Bioactivity, and Solutionand Solid-Phase Synthesis / Darren Griffith, Marc Devocelle, Celine J Marmion -- Chemistry of a-Aminoboronic Acids and their Derivatives / Valery M Dembitsky, Morris Srebnik -- Chemistry of Aminophosphonic Acids and Phosphonopeptides / Valery P Kukhar, Vadim D Romanenko -- Chemistry of Silicon-Containing Amino Acids / Yingmei Qi, Scott Mcn Sieburth -- Amino Acid Organocatalysis. Catalysis of Reactions by Amino Acids / Haibo Xie, Thomas Hayes, Nicholas Gathergood -- Enzymes. Proteases as Powerful Catalysts for Organic Synthesis / Andres Illanes, Fanny Guzman, Sonia Barberis -- Semisynthetic Enzymes / Usama M Hegazy, Bengt Mannervik -- Catalysis by Peptide-Based Enzyme Models / Giovanna Ghirlanda, Leonard J Prins, Paolo Scrimin -- Substrate Recognition / Keith Brocklehurst, Sheraz Gul, Richard W Pickersgill -- Protein Recognition / Robyn E Mansfield, Arwen J Cross, Jacqueline M Matthews, Joel P Mackay -- Mammalian Peptide Hormones: Biosynthesis and Inhibition / Karen Brand, Annette G Beck-sickinger -- Insect Peptide Hormones / R Elwyn Isaac, Neil Audsley -- Plant Peptide Signals / Javier Narvaez-vasquez, Martha L

Sommario/riassunto

This is the second of five books in the Amino Acids, Peptides and Proteins in Organic Synthesis series. Closing a gap in the literature, this is the only series to cover this important topic in organic and biochemistry. Drawing upon the combined expertise of the international "who's who" in amino acid research, these volumes represent a real benchmark for amino acid chemistry, providing a comprehensive discussion of the occurrence, uses and applications of amino acids and, by extension, their polymeric forms, peptides and proteins. The practical value of each volume is heightened by the inclusion of experimental procedures.

3. Record Nr.

Autore

Titolo

Pubbl/distr/stampa

ISBN

Edizione

Descrizione fisica

Collana

Disciplina

Soggetti

Lingua di pubblicazione

Formato

Livello bibliografico

Nota di bibliografia

Nota di contenuto

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Trauth Martin H.

Signal and Noise in Geosciences : MATLAB® Recipes for Data Acquisition in Earth Sciences // by Martin H. Trauth

Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021

3-030-74913-4

[1st ed. 2021.]

1 online resource (349 pages)

Springer Textbooks in Earth Sciences, Geography and Environment, , 2510-1315

550.2855133

Geology  
Earth sciences  
Geographic information systems  
Earth Sciences  
Geographical Information System

Inglese

Materiale a stampa

Monografia

Includes bibliographical references.

Data Acquisition in Earth Sciences -- Introduction to MATLAB -- MATLAB Programming -- Geometric Properties -- Visible Light Images -- Spectral Imaging -- Acquisition of Elastic Signals -- Gravimetric, Magnetic and Weather Data.

## Sommario/riassunto

This textbook introduces methods of geoscientific data acquisition using MATLAB in combination with inexpensive data acquisition hardware such as sensors in smartphones, sensors that come with the LEGO MINDSTORMS set, webcams with stereo microphones, and affordable spectral and thermal cameras. The text includes 35 exercises in data acquisition, such as using a smartphone to acquire stereo images of rock specimens from which to calculate point clouds, using visible and near-infrared spectral cameras to classify the minerals in rocks, using thermal cameras to differentiate between different types of surface such as between soil and vegetation, localizing a sound source using travel time differences between pairs of microphones to localize a sound source, quantifying the total harmonic distortion and signal-to-noise ratio of acoustic and elastic signals, acquiring and streaming meteorological data using application programming interfaces, wireless networks, and internet of things platforms, determining the spatial resolution of ultrasonic and optical sensors, and detecting magnetic anomalies using a smartphone magnetometer mounted on a LEGO MINDSTORMS scanner. The book's electronic supplementary material (available online through Springer Link) contains recipes that include all the MATLAB commands featured in the book, the example data, the LEGO construction plans, photos and videos of the measurement procedures.

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