

1. Record Nr.	UNINA9911102984603321
Titolo	Primitive fishes / / edited by David J. McKenzie, Anthony P. Farrell, Colin J. Brauner
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Academic Press, c2007
ISBN	1-281-02880-0 9786611028800 0-08-054952-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (576 p.)
Collana	Fish physiology ; ; v. 26
Altri autori (Persone)	McKenzieDavid J <1962-> (David John) FarrellAnthony Peter <1952-> BraunerColin J
Disciplina	571.1/7 571.17 597/.01 597.138
Soggetti	Fishes - Physiology Fishes - Evolution Living fossils
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The primitive fishes that this book focuses on include the jawless agnathans (hagfishes and lampreys), the lobe-finned sarcopterygians (coelacanth and lungfishes), and the primitive ray-finned actinopterygian fishes (the sturgeons, the bichirs and the ropecfish, the gars, and the bowfin)"--Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Primitive Fishes; Copyright Page; Contents; Contributors; Preface; Chapter 1: Living Primitive Fishes and Fishes From Deep Time; 1. Introduction; 2. Primitive Characters, Primitive Taxa, and Ancient Taxa; 3. Living Fossils; 4. Living Primitive Fishes in Vertebrate Phylogeny; 4.1. The Hagfish-Lamprey-Gnathostome Node; 4.2. The Gar-Bowfin-Teleosts Node; 4.3. The Coelacanth-Lungfish-Tetrapod Node; 4.4. Other Problematic Nodes; 5. Living Primitive Fishes and Their Fossil Relatives: Naming and Dating Taxa; 5.1. Hagfishes and Lampreys; 5.2. Chondrichthyans; 5.3. Actinopterygians 5.4. Sarcopterygians6. Extinct Major Fish Taxa and Their Position in

Vertebrate Phylogeny; 6.1. Yunnanozoans and Myllokunmingiids; 6.2. "Ostracoderms"; 6.3. Placoderms; 6.4. Acanthodians; 6.5. "Paleoniscoids" and Basal Neopterygians; 6.6. Extinct Sarcopterygian Taxa; 7. How Stable is Vertebrate Phylogeny?; 8. Fossils and Physiology; 9. The Environment of Early Fishes: Marine Versus Freshwater Vertebrates; 10. Conclusions; References; Chapter 2: Cardiovascular Systems in Primitive Fishes; 1. Introduction; 1.1. Scope of the Chapter; 1.2. Measurement Systems: Their Benefits and Limitations 2. An Overview of Evolutionary Progressions 2.1. Anatomical Patterns; 2.2. Physiological Patterns; 3. Details of the Cyclostome Circulatory Systems; 3.1. Hagfishes; 3.2. Lampreys; 4. Details of the Sarcopterygii (Lobe-Finned Fishes) Circulatory Systems; 4.1. Coelacanth; 4.2. Dipnoi (Lungfishes); 5. Details of the Circulatory Systems in Polypterids, Gars, and Bowfins; 5.1. Polypterids (Bichirs and Reedfish); 5.2. Garfishes; 5.3. Amia (Bowfins); 6. Details of the Sturgeon Circulatory Systems; 6.1. Cardiac Anatomy; 6.2. Circulatory Patterns; 6.3. Cardiac Dynamics; 6.4. Circulatory Control 7. Conclusions Acknowledgements; References; Chapter 3: Nervous and Sensory Systems; 1. Introduction; 2. Development of the CNS; 3. The Brains of Primitive Fishes; 3.1. Agnathans (Hagfishes and Lampreys); 3.2. Sarcopterygians (Lobe-Finned Fishes); 3.3. Actinopterygians (Early Ray-Finned Fishes); 4. Functional Classification of Cranial Nerves in Fishes; 5. The Visual System; 5.1. The Optical Apparatus; 5.2. Retina and Visual Function; 5.3. Spectral Filters; 5.4. Visual Sensitivity; 5.5. Visual Resolution; 5.6. Visual Input to the CNS; 5.7. Nonvisual Photoreception; 6. Chemoreceptive Systems 6.1. Olfaction 6.2. Gustation; 6.3. Solitary Chemoreceptor Systems; 7. Octavolateralis System; 7.1. Audition; 7.2. Vestibular Control; 7.3. Lateral Line; 8. Electroreception; 8.1. Structure, Function, and Evolution of Ampullary Receptors; 8.2. Role in Passive Electrolocation; 9. Concluding Remarks; References; Chapter 4: Ventilatory Systems; 1. Introduction; 2. Respiratory Strategies; 3. Respiratory Organs; 3.1. Water Breathing; 3.2. Air Breathing; 4. Ventilatory Mechanisms; 4.1. Cutaneous Gas Exchange; 4.2. Ventilation of External Gills; 4.3. Ventilation of Internal Gills 4.4. Ventilation of ABOs

Sommario/riassunto

Primitive fishes are a relatively untapped resource in the scientific search for insights into the evolution of physiological systems in fishes and higher vertebrates. Volume 26 in the Fish Physiology series presents what is known about the physiology of these fish in comparison with the two fish groups that dominate today, the modern elasmobranchs and the teleosts. Chapters include reviews on what is known about cardiovascular, nervous and ventilatory systems, gas exchange, ion and nitrogenous waste regulation, muscles and locomotion, endocrine systems, and reproduction. Editors prov

2. Record Nr.	UNINA9911092639203321
Autore	Lascaratou Chryssoula
Titolo	The language of pain : expression or description? / / Chryssoula Lascaratou
Pubbl/distr/stampa	Amsterdam ; ; Philadelphia, : John Benjamins Pub. Co., c2007
ISBN	9786612152702 9781282152700 128215270X 9789027292056 9027292051
Edizione	[1st ed.]
Descrizione fisica	1 online resource (251 p.)
Collana	Converging evidence in language and communication research, , 1566-7774 ; ; v. 9
Disciplina	410.1/9
Soggetti	Psycholinguistics - Data processing Pain - Data processing Lexicology - Data processing Greek language, Modern - Psychological aspects - Data processing
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 (p. [197]-205) and indexes.
Nota di contenuto	The Language of Pain -- Editorial page -- Title page -- LCC data -- Dedication -- Table of contents -- Acknowledgements -- 1. Introduction -- 2. Pain and language -- 2.1 Introduction -- 2.2 The language of pain -- 2.2.1 What is pain? -- 2.2.1.1 The IASP definition and reasons for adopting it -- 2.2.1.2 Other attempts at interpreting and defining pain -- 2.2.2 What is language for pain? -- 2.2.2.1 Wittgenstein's 'private language argument' and pain -- 2.2.2.2 The function of pain language: Expressive and/or descriptive? -- 2.2.2.3 How is pain transformed into language? -- 2.2.3 What is pain for language? -- 3. Corpus design and data collection -- 4. Mode of analysis -- 4.1 Introduction -- 4.2 Halliday's process types in modelling experience -- 5. Data analysis and general discussion -- 5.1 Introduction -- 5.2 Pain: process, participant or quality? -- 5.3 Key lexical items and their frequencies -- 6. The construal of pain as process -- 6.1 Introduction -- 6.2 Foolen's account of the

communication of emotions and pain behaviour -- 6.3 General characteristics of pain as process -- 6.4 Process types and structural functions in ponao constructions -- 6.4.1 Concluding remarks -- 7. The construal of pain as thing-participant -- 7.1 Introduction -- 7.2 Grammatically construed semantic properties of ponos -- 7.2.1 Ponos as a bounded or an unbounded thing -- 7.2.2 Ponos as a possession: Acquired, received, owned, and lost -- 7.2.3 The temporal location and extent of ponos -- 7.2.4 The accompanying conditions of ponos: a temporal nexus -- 7.2.5 The variable location of ponos within the body -- 7.2.6 The degree of intensity and the variable qualities of ponos: Mapping the Greek data onto the McGill Pain Questionnaire (MPQ) -- 7.2.6.1 The intensity of pain -- 7.2.6.2 The variable qualities of pain -- 7.2.7 Concluding remarks. 7.3 Structural configurations featuring ponos as participant -- 7.3.1 Concluding remarks -- 8. Pain and metaphor -- 8.1 Introduction -- 8.2 The conceptual grounding of ponos metaphors and their linguistic realisation -- 8.2.1 The grammaticalisation of ponos as object of the verbs *exo*, *esanome*, and *njoo* -- 8.2.2 The grammaticalisation of ponos as subject in intransitive structures -- 8.2.3 The grammaticalisation of ponos as subject in transitive structures -- 8.2.4 The construal of ponos as circumstance of cause -- 8.2.5 The grammaticalisation of ponos as object in transitive structures -- 8.3 Lost for words -- 8.4 Concluding remarks -- 9. Conclusions -- References -- Appendix A: Pain as process -- Appendix B: Pain as thing -- Appendix C -- 1. Private physiotherapy clinic. Dialogue No 6 -- 2. Metaxa Cancer Hospital, pain management clinic. Dialogue No 17 -- Name index -- Subject index -- The series Converging Evidence in Language and Communication Research.

Sommario/riassunto

How is the universal, yet private and subjective, experience of pain talked about by different people in everyday encounters? What does the analysis of pain-related lexico-phraseological choices, grammatical structures, and linguistic metaphors reveal as to how pain is perceived and experienced? Are pain utterances primarily used to express or to describe this experiential domain? This is the first book that investigates such questions from both a functional and a cognitive perspective: it combines two converging usage-based theoretical models in a systematic linguistic inquiry of the construal of pain in everyday language. This work is based on a specialised electronic corpus of Greek naturally-occurring dialogues in a health care context, the underlying assumption being that in the absence of factual evidence intuition about language cannot reliably detect or predict patterns of usage. Comparing Greek with English data, this book significantly contributes to the development of this research field cross-linguistically.

3. Record Nr.	UNINA9911114560403321
Autore	Modi Chirag
Titolo	Machine Learning, Image Processing, Network Security and Data Sciences : 6th International Conference, MIND 2024, Goa, India, December 20–21, 2024, Revised Selected Papers, Part II // edited by Chirag Modi, Gyanendra Kumar Verma, Veena Thenkanidiyoor, Ljiljana Brankovic
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2026
ISBN	3-032-14534-1 9783032145345
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (749 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2737
Altri autori (Persone)	Modi
Disciplina	006.3
Soggetti	Artificial intelligence Image processing - Digital techniques Computer vision Computer engineering Computer networks Data structures (Computer science) Information theory Database management Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics Computer Engineering and Networks Data Structures and Information Theory Database Management System
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This two-volume set CCIS 2736-2737 constitutes the revised selected papers of the 6th International Conference on Machine Learning, Image Processing, Network Security and Data Sciences, MIND 2024, held in Goa, India, during December 20–21, 2024. The 93 full papers included

in this book were carefully reviewed and selected from 329 submissions. They were organized in topical sections as follows: Part I: Artificial Intelligence and Machine Learning Part II: Medical Imaging and Healthcare; Networks and Cybersecurity; and Data Sciences and Applications.

4. Record Nr.	UNINA9911114554203321
Autore	Kumar Abhishek
Titolo	Blockchain Enabled Metaverse for Smart Wireless Sensor Networks // edited by Abhishek Kumar, Pramod Singh Rathore, Fernando Moreira Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2026
Pubbl/distr/stampa	
ISBN	3-032-07305-7 9783032073051
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (368 pages)
Collana	Information Systems Engineering and Management, , 3004-9598 ; ; 72
Altri autori (Persone)	RathorePramod Singh MoreiraFernando
Disciplina	006.3
Soggetti	Computational intelligence Cooperating objects (Computer systems) Telecommunication Computational Intelligence Cyber-Physical Systems Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Blockchain Mechanisms for Metaverse Applications -- Emerging and Advanced Blockchain Mechanisms for Enhancing Interoperability, Security, and Decentralized Functionality in Metaverse Applications -- Quantum Computing and Blockchain: Advanced Security in Metaverse -- Emerging Paradigms and Advanced Architectures in the Blockchain Metaverse -- Quantum Computing and Blockchain: Advanced Security in the Metaverse -- Digital Twin Models in the Blockchain Metaverse Framework: Convergence of Virtual Replicas and Decentralized Ecosystems -- Artificial Intelligence and Blockchain in the Metaverse --

Emerging Trends in Blockchain Metaverse for Intelligent Sensor Network Applications -- Integrating Blockchain and Metaverse for Next Generation Smart Healthcare Networks -- Blockchain-Based Authentication in 6G Metaverse Using Hyperledger Indy for Self-Sovereign Identity (SSI) -- Sustainable Blockchain and WSN architecture -- IoT in Blockchain-Enabled Metaverse Infrastructures -- Sustainable Blockchain and WSN Architecture for the Metaverse -- MetaBlockSphere Self Evolving Framework (MBSF) for Scalable and Interoperable Blockchain Metaverse Systems -- Integrating Explainable AI and Blockchain for Secure and Transparent Skin Disease Diagnosis in Virtual Healthcare.

Sommario/riassunto

The future of digital interaction lies at the crossroads of blockchain, metaverse, and smart wireless sensor networks. This book explores how these transformative technologies are reshaping communication, security, and trust in next-generation virtual ecosystems. With contributions from leading researchers and practitioners, the chapters provide insights into blockchain mechanisms, decentralized data management, AI-driven applications, and immersive smart environments. By blending theory with practical perspectives, the book offers a roadmap for building scalable, secure, and intelligent systems within the metaverse. Designed for researchers, engineers, professionals, and students, it highlights applications across healthcare, education, agriculture, smart cities, and industry 4.0, while addressing pressing challenges such as privacy, interoperability, and sustainability.

5. Record Nr.	UNINA9911140151403321
Autore	Bayly M. Brian <1929->
Titolo	Chemical change in deforming materials / / Brian Bayly
Pubbl/distr/stampa	New York, : Oxford University Press, 1992
ISBN	0-19-756021-0 1-280-52551-7 9786610525515 0-19-536188-1 1-4237-9997-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (245 p.)
Collana	Oxford monographs on geology and geophysics ; ; no. 21
Disciplina	620.1/1242
Soggetti	Chemical equilibrium Deformations (Mechanics) Geochemistry Materials - Compression testing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previously issued in print: 1992.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Symbols; 1. Overview and preview of conclusions; I: FUNDAMENTALS; II: SIMULTANEOUS DEFORMATION AND DIFFUSION; III: APPLICATION: MOVEMENTS ALONG ONE DIRECTION; IV: EXTENSIONS; References and notes; Index
Sommario/riassunto	This work details the chemical changes that occur in deforming materials subjected to unequal compressions. While thermodynamics provides, at the macroscopic level, an excellent means of understanding & predicting the behaviour of materials in equilibrium & non-equilibrium states, much less is understood about nonhydrostatic stress & interdiffusion at the chemical level. Little is known, for example, about the chemistry of a state resulting from a cylinder of deforming material being more strongly compressed along its length than radially, a state of non-equilibrium that remains no matter how ideal the cylinder's condition in other respects. M. Brian Bayly here provides the outline of a comprehensive approach to gaining a simplified & unified understanding of such phenomena.

