Record Nr. UNINA9910450185903321 **Titolo** Neurology of the arts [[electronic resource]]: painting, music, literature // editor F. Clifford Rose Pubbl/distr/stampa London, : Imperial College Press, c2004 **ISBN** 1-281-86656-3 9786611866563 1-86094-591-0 Descrizione fisica 1 online resource (453 p.) Altri autori (Persone) RoseF. Clifford (Frank Clifford) Disciplina 616.8 Soggetti Medicine and art Neurology Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "Proceedings of "Neurology of the Arts""--Pref. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Preface: Mansell Bequest Symposia; List of Contributors; Contents: Introduction; 1. The Cerebral Localization of Creativity George K. York; 2. Neural Concept Formation and Art: Dante, Michelangelo, Wagner Semir Zeki; 3. The Neurology of Art: An Overview F. Clifford Rose; 4. Galen and the Artful Symmetry of the Brain Julius Rocca; 5. Leonardo da Vinci's Mechanical Art and the Origin of Modern Neurology David A. Steinberg; 6. The Art of Sir Charles Bell1 Christopher Gardner-Thorpe2; 7. Normal and Pathological Gait as Inspiration for the Artist Genevieve Aubert 8. Epilepsy in Pictorial Art Bernt A. Engelsen9. Brain Mapping in Musicians Michael E. Charness & Gottfried Schlaug; 10. The Cerebral Localisation of Musical Perception and Musical Memory H. Platel, F. Eustache & J.-C. Baron; 11. Musical Instruments as Metaphors in Brain Science: From Rene Descartes to John Hughlings Jackson C.U.M. Smith; 12. The Music of Madness: Franklin's Armonica and the Vulnerable Nervous System Stanley Finger & David A. Gallo; 13. The Mozart Effect John R. Hughes & John J. Fino; 14. The Amusias Jason Warren 15. Music and the Brain: A Musicologist's Viewpoint Paul Robertson16.

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Sommario/riassunto

This book is the first attempt to provide a basis for the interaction of the brain and nervous system with painting, music and literature. The introduction deals with the problems of creativity and which parts of the brain are involved. Then an overview of artpresents the multiple facets, such as anatomy, and the myths appearing in ancient descriptions of conditions such as polio and migraine. The neurological basis of painters like Goya and van Gogh is analysed. Other chapters in the section on art cover da Vinci's mechanics and the portrayal of epilepsy. The section on music concerns the parts of th