

1. Record Nr.	UNINA9910809871603321
Autore	Patten Kathryn E
Titolo	Educational Neuroscience : Initiatives and Emerging Issues
Pubbl/distr/stampa	Chichester, : Wiley, 2011
ISBN	1-283-25843-9 9786613258434 1-4443-4582-6 1-4443-4579-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (122 p.)
Collana	Educational Philosophy and Theory Special Issues
Classificazione	EDU040000
Altri autori (Persone)	CampbellStephen R
Disciplina	370.15 612.8233
Soggetti	Brain -- Localization of functions EDUCATION / Philosophy & Social Aspects Educational Learning -- Physiological aspects Learning, Psychology of Neurosciences Educational psychology Education Social Sciences Theory & Practice of Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Educational Neuroscience; Contents; Notes on Contributors; Foreword; 1: Introduction: Educational Neuroscience; 2: Educational Neuroscience: Motivations, methodology, and implications; 3: Can Cognitive Neuroscience Ground a Science of Learning?; 4: A Multiperspective Approach to Neuroeducational Research; 5: What Can Neuroscience Bring to Education?; 6: Connecting Education and Cognitive Neuroscience: Where will the journey take us? 7: Position Statement on Motivations, Methodologies, and Practical Implications of Educational Neuroscience Research: fMRI studies of the neural correlates of creative intelligence8: Brain-Science Based Cohort

Studies; 9: Directions for Mind, Brain, and Education: Methods, Models, and Morality; 10: The Birth of a Field and the Rebirth of the Laboratory School; 11: Mathematics Education and Neurosciences: Towards interdisciplinary insights into the development of young children's mathematical abilities; 12: Neuroscience and the Teaching of Mathematics

13: The Somatic Appraisal Model of Affect: Paradigm for Educational Neuroscience and Neopedagogy14: Implications of Affective and Social Neuroscience for Educational Theory; Index

Sommario/riassunto

Educational Neuroscience provides an overview of the wide range of recent initiatives in educational neuroscience, examining a variety of methodological concerns, issues, and directions. Encourages interdisciplinary perspectives in educational neuroscienceContributions from leading researchers examine key issues relating to educational neuroscience and mind, brain, and education more generallyPromotes a theoretical and empirical base for the subject areaExplores a range of methods available to researchersIdentifies
