

1. Record Nr.	UNINA9910798064203321
Titolo	The neuroscience of pain, stress, and emotion : psychological and clinical implications // edited by Mustafa Al'Absi, Magne Arve Flaten ; designer, Mark Rogers ; contributors, Mustafa Al'Absi [and twenty-four others]
Pubbl/distr/stampa	Amsterdam, [Netherlands] : , : Elsevier, , 2016 ©2016
ISBN	0-12-800666-8
Descrizione fisica	1 online resource (312 p.)
Classificazione	77.50
Disciplina	612.8
Soggetti	Neurosciences Stress (Physiology) Stress, Psychological
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 at the end of each chapters and index.
Nota di contenuto	Front Cover; The Neuroscience of Pain, Stress, and Emotion; Copyright; CONTENTS; CONTRIBUTORS; FOREWORD; 1 - Introduction and Background on Pain and Stress; 1 - Neuroscience of Pain and Emotion; NEUROANATOMY OF PAIN AND EMOTION; Nociceptive Pathways; Central Representation of Pain; Emotional Networks in the Brain; PAIN AND EMOTION INTERACTIONS; Emotional Modulation of Pain; Visual Emotional Stimuli and Pain Processing; Emotional Faces and Pain Processing; Influence of Pain on Emotion; Neural Bases of Pain-Emotion Interactions; CONCLUSIONS; REFERENCES; 2 - The Neurobiology of Stress THE STRESS CONCEPT THE STRESS STIMULUS; THE STRESS RESPONSE; SNS and the SAM Axis; The HPA Response; STRESS RESPONSE INTERACTIONS WITH OTHER SYSTEMS; Immune System; Reproduction; Growth Hormone; Pain; TERMINATION OF THE STRESS RESPONSE; INDIVIDUAL VARIATION IN THE STRESS RESPONSE; THE STRESS RESPONSE AND AFFECTIVE DISORDERS; CONCLUSIONS; REFERENCES; 3 - Emotional Modulation of Pain; A BRIEF INTRODUCTION TO SOME TERMS; PAIN AND EMOTION WITHIN A MOTIVATIONAL CONTEXT;

## EMOTIONAL MODULATION OF PAIN IN HEALTHY HUMANS

Observation 1: Positive Emotions Generally Inhibit Pain, Whereas Negative Emotions Generally Enhance Pain  
Pain-Related Emotions; Pain-Unrelated Emotions; Observation 2: Degree of Motivation System Activation Affects the Degree of Pain Inhibition/Facilitation;

Observation 3: Emotional Stimuli that Elicit Simultaneous (and Equal) Defensive and Appetitive Activation Have No Net Effect ...; Observation

4: Emotions Modulate All Pain-Related (Defensive) Outcomes in Parallel; INTENSE NEGATIVE EMOTIONS INHIBIT PAIN: A REVISION TO MPT;

EMOTIONAL MODULATION OF PAIN IN CLINICAL POPULATIONS

SUMMARY AND IMPLICATIONS  
ACKNOWLEDGMENTS; REFERENCES; 4 -

Sex Differences in Pain and Stress; INTRODUCTION; SEX DIFFERENCES

IN CLINICAL PAIN; SEX DIFFERENCES IN EXPERIMENTAL PAIN RESPONSES;

STRESS AND PAIN: AN INTRODUCTION; RELATIONSHIP BETWEEN STRESS

AND PAIN; SEX DIFFERENCES IN NEUROENDOCRINE RESPONSES TO

STRESS; THE RELATIONSHIP OF STRESS TO CHRONIC PAIN PREVALENCE

IN WOMEN; SEX DIFFERENCES IN SIA; MECHANISMS UNDERLYING SEX

DIFFERENCES IN PAIN; CONCLUSIONS; REFERENCES; 2 - Psychological

Processes Related to Pain and Stress; 5 - Pain and the Placebo Effect;

INTRODUCTION; EXPECTATIONS

PLACEBO ANALGESIA  
THE NEUROBIOLOGICAL BASIS OF PLACEBO

ANALGESIA; SOCIAL FACTORS AND PLACEBO MODULATION OF PAIN;

ONE OR MULTIPLE PLACEBO EFFECTS?; EMOTIONAL VALENCE AND

AROUSAL MODULATE PAIN; THE ROLE OF EMOTIONS IN PLACEBO

RESPONDING; INDIVIDUAL DIFFERENCES IN PLACEBO ANALGESIC

RESPONSES; IMPLICATIONS FOR TREATMENT OF PAIN; CONCLUSIONS;

REFERENCES; 6 - Nocebo and Pain; INTRODUCTION; NEGATIVE

EXPECTATIONS MAY LEAD TO CLINICAL WORSENING;

CHOLECYSTOKININ IS A MEDIATOR OF NOCEBO HYPERALGESIA;

IMAGING THE BRAIN DURING NEGATIVE EXPECTATIONS; CONCLUSIONS;

REFERENCES

7 - The Neuroscience of Pain and Fear

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2. Record Nr.	UNINA9911049098403321
Autore	Gopal Ram
Titolo	Luminescence Spectroscopy and Microscopy : Methods and Applications // edited by Ram Gopal, Vikas Dubey, Mouftahou Bakary Latif
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-032-08745-7
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (369 pages)
Collana	Physics and Astronomy Series
Altri autori (Persone)	DubeyVikas LatifMouftahou Bakary
Disciplina	621.381045
Soggetti	Optoelectronic devices Optical materials Optics Materials Detectors Materials - Microscopy Drug delivery systems Optoelectronic Devices Optical Materials Light-Matter Interaction Sensors and biosensors Microscopy Drug Delivery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: Introduction to luminescence -- Chapter 2: Important luminescent materials and their categories -- Chapter 3: Synthesis techniques -- Chapter 4: Persistent luminescence and thermoluminescence -- Chapter 5: Scintillators and Photo-detectors.
Sommario/riassunto	This book provides a comprehensive exploration of luminescence techniques and their practical applications in spectroscopy, materials science, and microscopy. It begins with a solid introduction to the basic principles of luminescence, covering essential topics such as the physics of luminescent materials, electronic transitions, and the

underlying mechanisms governing luminescent phenomena. Subsequently, it systematically examines various techniques within luminescence spectroscopy, offering a detailed analysis of instrumentation, experimental setups required for material synthesis, methods for data analysis, and emerging applications such as in-vivo and in-vitro biological imaging, targeted drug delivery, optical thermometry, and photodetectors. Emphasizing practical applications, the book elucidates not only theoretical aspects but also guides readers through the practical implementation of luminescence techniques. Real-world examples and case studies are used to illustrate how these methods have found success in diverse research contexts, catering to both novices and seasoned researchers aiming to incorporate luminescence techniques into their work. Featuring contributions from an international cross-section of experts, the book covers topics such as luminescence microscopy, biological imaging techniques using both organic and inorganic luminescent materials, and super-resolution microscopy techniques utilizing multimodal imaging approaches. Additionally, the book addresses challenges and limitations in the field, offering a balanced perspective on the practical considerations and potential pitfalls associated with luminescence methodologies. This book serves as an invaluable asset for researchers, scientists, and students seeking an insightful guide to the theory and mechanism of luminescence, along with innovative and emerging applications.

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3. Record Nr.	UNINA9910895937203321
Titolo	Polizeiliche Kriminalstatistik, Landeskriminalamt Thuringen : Jahrbuch .. / Thuringer Landeskriminalamt, Polizei
Pubbl/distr/stampa	Erfurt, : Landeskriminalamt, 2004-
Descrizione fisica	Online-Ressource
Classificazione	22,1 KRIM
Disciplina	340
Soggetti	Zeitschrift Statistik
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Gesehen am 23.12.19