1. Record Nr. UNINA9910695066903321

Autore	Lobitz Brad
Titolo	BOREAS RSS-12 airborne tracking sunphotometer measurements [[electronic resource] /] / B. Lobitz, M. Spanner, and R. Wrigley
Pubbl/distr/stampa	Greenbelt, Md. : , : National Aeronautics and Space Administration, Goddard Space Flight Center, , [2000]
Descrizione fisica	1 volume : digital, PDF file
Collana	Technical report series on the Boreal Ecosystem-Atmosphere Study (BOREAS) ; ; 59 NASA/TM ; ; 2000-209891, v. 59
Altri autori (Persone)	SpannerMichael WrigleyRobert
Soggetti	Aerosols Data acquisition Earth observations (from space) Ecosystems Optical properties Photometers Remote sensing Tracking (position)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on April 20, 2006). "August 2000."
Nota di bibliografia	Includes bibliographical references.

2.

Record Nr.	UNINA9910484625603321
Autore	Ruyters Gunter
Titolo	Breakthroughs in Space Life Science Research : From Apollo 16 to the ISS / / by Günter Ruyters, Markus Braun, Katrin Maria Stang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-74022-6
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (xvii, 155 pages) : illustrations (mostly color)
Collana	SpringerBriefs in Space Life Sciences, , 2196-5579
Disciplina	571.0919
Soggetti	Medicine - Research Biology - Research Cytology Solar system Aerospace engineering Astronautics Biomedical Research Cell Biology Space Physics Aerospace Technology and Astronautics Biologia espacial Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Introduction: Space Life Sciences – Basic Research and Applications under Extraordinary Conditions -- Chapter 2. A Long Way for Europe and Germany: From Apollo 16 to the International Space Station ISS -- Chapter 3. Success Stories: Incremental Progress and Scientific Breakthroughs in Life Science Research -- Chapter 4. Success Stories: Innovative Developments for Biomedical Diagnostics and Preventative Health Care -- Chapter 5. Space Life Sciences in the Exploration Era: An Outlook on Future Challenges and Opportunities.-.
Sommario/riassunto	This last volume of the SpringerBriefs in Space Life Sciences series is setup in 5 main parts. The 1st part shortly summarizes the history of

	life science research in space from the late 40s until today with focus on Europe and Germany, followed by a part on describing flight opportunities including the Space Shuttle/Spacelab system and the International Space Station ISS; in the 3rd part it focuses on extraordinary success stories of this constantly challenging research program and highlights some important key findings in space life science research. The book introduces in the 4th part innovative developments in non-invasive biomedical diagnostics and training methods for astronauts that emerge from this program and are of benefit for people on Earth especially in the aging society. Last but not least in its 5th part it closes with an outlook on the future of space life sciences in the upcoming era of space exploration. The book is intended for students and research scientists in the life sciences and biomedicine as well as for interested lay persons, who wish to get an overview of space life science research: its´ early days, current status and future directions.

3.

Record Nr.	UNINA9911018931903321
Autore	Webster R. A (Roy A.)
Titolo	Neurotransmitters and Drugs in Brain Function
Pubbl/distr/stampa	[Place of publication not identified], : J Wiley, 2001
ISBN	0-470-85192-9 1-280-10131-8 9786610101313 0-470-36525-0 0-470-84657-7
Descrizione fisica	1 online resource (547 pages)
Disciplina	612.8/042
Soggetti	Neurotransmitters - Pathophysiology Neurotransmitter receptors Brain Psychopharmacology Physiology Neurotransmitter Agents Synaptic Transmission Brain Chemistry Central Nervous System Molecular Mechanisms of Pharmacological Action Biochemical Phenomena

	Electrophysiological Phenomena Nervous System Physiological Phenomena Metabolism Signal Transduction Physiological Effects of Drugs Biological Science Disciplines Physiological Phenomena Pharmacologic Actions Nervous System Chemical Phenomena Natural Science Disciplines Cell Physiological Phenomena Musculoskeletal and Neural Physiological Phenomena Anatomy Chemical Actions and Uses Neuroscience Human Anatomy & Physiology Health & Biological Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Intro -- Title Page -- Contents -- Section A Basic Aspects of Neurotransmitter Function -- Section B Neurotransmitters and Synapitc Transmission -- Section C Neurotransmitters in Drug Action and Disease States -- Section D Neurotransmitters and Behaviour.
Sommario/riassunto	This book aims to cover the role of neurotransmitters, the substances released form neurons to act on neurons. It covers what they do, how they do it and how their activity is involved in brain function and affected by drugs and disease. The contents include: An overview of neurotransmitter function including their release, effects on neuronal excitability and receptor interaction Detailed description of the synaptic physiology, pharmacology and possible brain function of each neurotransmitter with particular emphasis on acetylcholine, glutamate, GABA, noradrenaline, dopamine, 5 hydroxytryptamine and the peptides, purines, histamine, steroids and nitric oxide An evaluation on how the different neurotransmitters may be involved in the initiation and maintenance of certain brain disorders such as Parkinson's disease, epilepsy, schizophrenia, depression, anxiety and dementia A review of neurotransmitters in sleep and consciousness and in the social problems of drugs and abuse Neurotransmitters, Drugs and Brain Function provides insights that will prove invaluable to students and researchers involved in pharmacology, neuroscience, medicine and psychology.