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| * + - * 1. Clinical Neuroscience         2. Experimental Neuroscience 1. Fields   Cellular and molecular neuroscience   1. Neuron and glial cell properties 2. Development and stem cells 3. Synapses and plasticity   Systems Neuroscience   1. Circuit dynamics and computational neuroscience 2. Internal states and homeostasis 3. Somatosensation 4. Pain 5. Motor system 6. Visual, auditory, and olfactory systems 7. Animal learning and memory   Technology, methods, and general topics   1. Anatomy methods 2. Electrophysiology methods 3. Imaging methods 4. Neuromorphic engineering 5. Animal behavior 6. Data analysis and software tools 7. History of neuroscience 8. Ethical issues 9. Public outreach   Behavioral Neuroscience   1. Attention and perception 2. Decision making and reasoning 3. Language and communication 4. Cognitive development and aging 5. Social cognition and behavior 6. Physiology and imaging 7. Pharmacology 8. Neuroethology   Experimental neurological and neurodegenerative diseases   1. Ischemia 2. Peripheral nerve diseases 3. CNS autoimmune diseases 4. Trauma 5. Neuro-oncology 6. Mechanisms of neurodegenerative diseases 7. Alzheimer’s disease and other dementias 8. Parkinson’s disease 9. Huntington’s disease 10. Ataxias 11. Motor neuron diseases 12. Epilepsy 13. Psychiatric disorders |