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thus well experienced
to edit a laboratory
manual on the subject.

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by allowing
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of big and time-
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with optically
measured, spatially
and type resolved
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to the le ...

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The technological
advances in
neuroscience allowed
scientists to research
and develop studies

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about the human brain, especially in the first six years of a child's development. This period is a phase of greater plasticity, which is the ability that the brain has to change through the numerous connections made between the neurons for each new ...

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Unlike optogenetics,
which is used in
animals to understand
brain function,
neuroimaging is a

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noninvasive to assess the structure and function of the human brain. The

development of positron emission tomography (PET), computed tomography (CT) and magnetic resonance imaging (MRI) have altered researchers' ability to look at the human brain.

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Neuroscience of Brain
Disorders (Adolphs,
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brain imaging and
neuropsychiatric
disease; neural
prosthetics; deep brain

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stimulation;
interactions of brain
and immune system;
mouse models of
neurological disease.

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Behavior and Brain
Imaging Brain imaging
studies using
functional magnetic
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from a cohort of PWS
individuals and controls

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revealed postprandial hyperfunction in the limbic and paralimbic regions of the brain in PWS.

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Imaging Probes and Contrast Agents [IPCA] also reviews applications proposing development of probes, tracers, or contrast agents for use in the nervous system

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disease.

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Research conducted
over the past decade in
animal models and
using brain imaging
technology has
identified key
neurobiological
changes that underlies
this significant shift in

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behavior. However,
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emerging field that
continues to evolve
and it necessitates
expertise from multiple
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the Golgi method, has
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