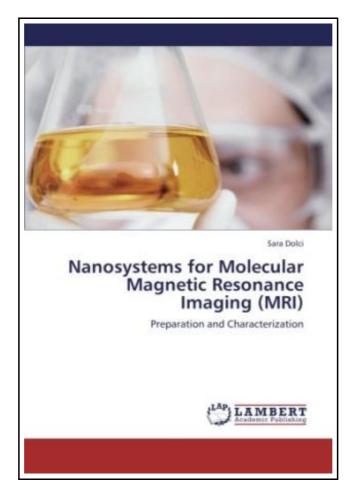
# Nanosystems for Molecular Magnetic Resonance Imaging (MRI)



Filesize: 5.88 MB

## Reviews

Very beneficial to all of category of folks. We have read through and i am sure that i will going to read once again once again in the future. Your daily life span will probably be change when you full reading this pdf.

(Amelia Roob DDS)

# NANOSYSTEMS FOR MOLECULAR MAGNETIC RESONANCE IMAGING (MRI)



LAP Lambert Academic Publishing Jun 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x9 mm. Neuware - In the field of molecular imaging, the carrying out of protocols by means of magnetic resonance imaging (MRI) is a very attractive target for the high anatomical resolution of this technique. A promising strategy to reach this goal is related to the use of MRI nanosized probes for delivering a large number of contrast agents at the sites of interest. My PhD research focused on the preparation and the chemical physical characterization of new functionalized nanosystems for molecular MRI applications. The systems taken into account are based on ultrasmall superparamagnetic iron oxide nanoparticles (USPION), suitably functionalized with organic and inorganic ligands, and folate-functionalized apoferritin loaded with Gd-HPDO3A. Moreover, several aspects concerning the application as molecular MRI probes have been studied, e.g. the relaxometric behaviour, the toxicology on human immune cells and the evaluation of diagnostic capability in vitro and in vivo. This book is a good introduction to the topic of the nanosized probes for molecular MRI since it provides basic concepts, particularly about the magnetic and relaxometric properties, as well as a detailed and useful experimental part. 144 pp. Englisch.



Read Nanosystems for Molecular Magnetic Resonance Imaging (MRI) Online Download PDF Nanosystems for Molecular Magnetic Resonance Imaging (MRI)

### See Also



#### Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

Download PDF »



#### Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

Download PDF »



TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2) (Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

Download PDF »



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

Download PDF »



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

Download PDF »