

SÃ©bastien Boutry

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/674046/publications.pdf>

Version: 2024-02-01

13
papers

297
citations

1307594

7
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

504
citing authors

#	ARTICLE	IF	CITATIONS
1	How to quantify iron in an aqueous or biological matrix: a technical note. <i>Contrast Media and Molecular Imaging</i> , 2009, 4, 299-304.	0.8	73
2	Engineered Wnt ligands enable blood-brain barrier repair in neurological disorders. <i>Science</i> , 2022, 375, eabm4459.	12.6	67
3	Murine stroma adopts a human-like metabolic phenotype in the PDX model of colorectal cancer and liver metastases. <i>Oncogene</i> , 2018, 37, 1237-1250.	5.9	59
4	MRI Contrast Agents. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017, , .	0.4	24
5	Silica Coated Iron/Iron Oxide Nanoparticles as a Nano-Platform for T2 Weighted Magnetic Resonance Imaging. <i>Molecules</i> , 2019, 24, 4629.	3.8	24
6	Interactions of exercise training and high-fat diet on adiponectin forms and muscle receptors in mice. <i>Nutrition and Metabolism</i> , 2016, 13, 75.	3.0	11
7	Impact of the chain length on the biodistribution profiles of PEGylated iron oxide nanoparticles: a multimodal imaging study. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5055-5068.	5.8	9
8	Magnetic and radio-labeled bio-hybrid scaffolds to promote and track <i>in vivo</i> the progress of bone regeneration. <i>Biomaterials Science</i> , 2021, 9, 7575-7590.	5.4	9
9	Design, Characterization and Molecular Modeling of New Fluorinated Paramagnetic Contrast Agents for Dual ¹ H/ ¹⁹ F MRI. <i>Magnetochemistry</i> , 2020, 6, 8.	2.4	6
10	Functionalized silica nanoplatform as a bimodal contrast agent for MRI and optical imaging. <i>Nanoscale</i> , 2021, 13, 16509-16524.	5.6	5
11	Surface engineering of silica nanoparticles with a gadoliniumâ€PCTA complex for efficient <i>T</i> ₁ -weighted MRI contrast agents. <i>New Journal of Chemistry</i> , 2020, 44, 18031-18047.	2.8	4
12	Synthesis and characterization of monophosphinic acid DOTA derivative: A smart tool with functionalities for multimodal imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4297-4303.	3.0	3
13	Editorial for â€œNew Cluster Analysis Method for Quantitative ¹²⁵ I-DCEâ€MRI Assessing Tumor Heterogeneity Induced by ¹²⁵ I Treatment to a Breast Cancer Mouse Modelâ€ Journal of Magnetic Resonance Imaging, 2022, 56, 1832-1833.	3.4	0