

# 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	Engineered Wnt ligands enable blood-brain barrier repair in neurological disorders. <i>Science</i> , 2022, 375, eabm4459.	12.6	67
2	Editorial for "New Cluster Analysis Method for Quantitative DCE-MRI Assessing Tumor Heterogeneity Induced by E7130 Treatment to a Breast Cancer Mouse Model". <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1832-1833.	3.4	0
3	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
4	Functionalized silica nanoplatfom as a bimodal contrast agent for MRI and optical imaging. <i>Nanoscale</i> , 2021, 13, 16509-16524.	5.6	5
5	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
6	Surface engineering of silica nanoparticles with a gadolinium-PCTA complex for efficient T <sub>1</sub> -weighted MRI contrast agents. <i>New Journal of Chemistry</i> , 2020, 44, 18031-18047.	2.8	4
7	Design, Characterization and Molecular Modeling of New Fluorinated Paramagnetic Contrast Agents for Dual 1H/19F MRI. <i>Magnetochemistry</i> , 2020, 6, 8.	2.4	6
8	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
9	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
10	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
11	MRI Contrast Agents. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017, , .	0.4	24
12	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
13	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