Milena Colovic

List of Publications by Year
in descending order

10 papers	**434** citations	1307594 **7** h-index	1372567 **10** g-index
10 all docs	**10** docs citations	**10** times ranked	**735** citing authors

#	Article	IF	Citations
1	The Effect of Chirality on the Application of 5-[18F]Fluoro-Aminosuberic Acid ([18F]FASu) for Oxidative Stress Imaging. Molecular Imaging and Biology, 2020, 22, 873-882.	2.6	5
2	Electrostatic Effects Accelerate Decatungstate-Catalyzed C—H Fluorination Using [18F]- and [19F]NFSI in Small Molecules and Peptide Mimics. ACS Catalysis, 2019, 9, 8276-8284.	11.2	29
3	18F-Branched-Chain Amino Acids: Structure—Activity Relationships and PET Imaging Potential. Journal of Nuclear Medicine, 2019, 60, 1003-1009.	5.0	12
4	Cystine/glutamate antiporter xCT (SLC7A11) facilitates oncogenic RAS transformation by preserving intracellular redox balance. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9433-9442.	7.1	202
5	Non-invasive Use of Positron Emission Tomography to Monitor Diethyl maleate and Radiation-Induced Changes in System xC− Activity in Breast Cancer. Molecular Imaging and Biology, 2019, 21, 1107-1116.	2.6	4
6	Synthesis and evaluation of bifunctional tetrahydroxamate chelators for labeling antibodies with 89 Zr for imaging with positron emission tomography. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 899-905.	2.2	13
7	Synthesis and evaluation of an 18F-labeled boramino acid analog of aminosuberic acid for PET imaging of the antiporter system xC−. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3579-3584.	2.2	8
8	18F-Fluorination of Unactivated C—H Bonds in Branched Aliphatic Amino Acids: Direct Synthesis of Oncological Positron Emission Tomography Imaging Agents. Journal of the American Chemical Society, 2017, 139, 3595-3598.	13.7	119
9	Addressing Chirality in the Structure and Synthesis of [18F]5-Fluoroaminosuberic Acid ([18F]FASu). Chemistry - A European Journal, 2017, 23, 11100-11107.	3.3	6
10	18F-5-Fluoroaminosuberic Acid as a Potential Tracer to Gauge Oxidative Stress in Breast Cancer Models. Journal of Nuclear Medicine, 2017, 58, 367-373.	5.0	36