

# Milena Colovic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1766233/publications.pdf>

Version: 2024-02-01

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	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
2	<sup>18</sup> F-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
3	<sup>18</sup> F-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
4	Electrostatic Effects Accelerate Decatungstate-Catalyzed C-H Fluorination Using [ <sup>18</sup> F]- and [ <sup>19</sup> F]NFSI in Small Molecules and Peptide Mimics. ACS Catalysis, 2019, 9, 8276-8284.	11.2	29
5	Synthesis and evaluation of bifunctional tetrahydroxamate chelators for labeling antibodies with <sup>89</sup> Zr for imaging with positron emission tomography. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 899-905.	2.2	13
6	<sup>18</sup> F-Branched-Chain Amino Acids: Structure-Activity Relationships and PET Imaging Potential. Journal of Nuclear Medicine, 2019, 60, 1003-1009.	5.0	12
7	Synthesis and evaluation of an <sup>18</sup> F-labeled boramino acid analog of aminosuberic acid for PET imaging of the antiporter system xC <sup>+</sup> . Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3579-3584.	2.2	8
8	Addressing Chirality in the Structure and Synthesis of [ <sup>18</sup> F]5-Fluoroaminosuberic Acid ([ <sup>18</sup> F]FASu). Chemistry - A European Journal, 2017, 23, 11100-11107.	3.3	6
9	The Effect of Chirality on the Application of 5-[ <sup>18</sup> F]Fluoro-Aminosuberic Acid ([ <sup>18</sup> F]FASu) for Oxidative Stress Imaging. Molecular Imaging and Biology, 2020, 22, 873-882.	2.6	5
10	Non-invasive Use of Positron Emission Tomography to Monitor Diethyl maleate and Radiation-Induced Changes in System xC <sup>+</sup> Activity in Breast Cancer. Molecular Imaging and Biology, 2019, 21, 1107-1116.	2.6	4