

# Daniela Kalafatovic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7029986/publications.pdf>

Version: 2024-02-01

14  
papers

1,268  
citations

1163117

8  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the sequence space for (tri-)peptide self-assembly to design and discover new hydrogels. <i>Nature Chemistry</i> , 2015, 7, 30-37.	13.6	597
2	Cell-Penetrating Peptides: Design Strategies beyond Primary Structure and Amphipathicity. <i>Molecules</i> , 2017, 22, 1929.	3.8	214
3	MMP-9 triggered self-assembly of doxorubicin nanofiber depots halts tumor growth. <i>Biomaterials</i> , 2016, 98, 192-202.	11.4	131
4	MSK1 regulates luminal cell differentiation and metastatic dormancy in ER+ breast cancer. <i>Nature Cell Biology</i> , 2018, 20, 211-221.	10.3	98
5	MMP-9 triggered micelle-to-fibre transitions for slow release of doxorubicin. <i>Biomaterials Science</i> , 2015, 3, 246-249.	5.4	83
6	Alignment of nanostructured tripeptide gels by directional ultrasonication. <i>Chemical Communications</i> , 2015, 51, 8465-8468.	4.1	60
7	Customizing Morphology, Size, and Response Kinetics of Matrix Metalloproteinase-Responsive Nanostructures by Systematic Peptide Design. <i>ACS Nano</i> , 2019, 13, 1555-1562.	14.6	34
8	Algorithm-supported, mass and sequence diversity-oriented random peptide library design. <i>Journal of Cheminformatics</i> , 2019, 11, 25.	6.1	14
9	Exploiting Peptide Self-Assembly for the Development of Minimalistic Viral Mimetics. <i>Frontiers in Chemistry</i> , 2021, 9, 723473.	3.6	10
10	Sequential Properties Representation Scheme for Recurrent Neural Network-Based Prediction of Therapeutic Peptides. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 2961-2972.	5.4	10
11	Discovery of phosphotyrosine-binding oligopeptides with supramolecular target selectivity. <i>Chemical Science</i> , 2021, 13, 210-217.	7.4	7
12	Bottom-Up Design Approach for OBOC Peptide Libraries. <i>Molecules</i> , 2020, 25, 3316.	3.8	6
13	Mint ( <i>Mentha</i> spp.) Honey: Analysis of the Phenolic Profile and Antioxidant Activity. <i>Food Technology and Biotechnology</i> , 2022, 60, 509-519.	2.1	3
14	Genetic Algorithm Parametrization for Informed Exploration of Short Peptides Chemical Space. , 2020, , ,		1