

# Aleksandra Szuplewska

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

635  
citations

933447

10  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Future Applications of MXenes in Biotechnology, Nanomedicine, and Sensors. Trends in Biotechnology, 2020, 38, 264-279.	9.3	161
2	2D Ti <sub>2</sub> C (MXene) as a novel highly efficient and selective agent for photothermal therapy. Materials Science and Engineering C, 2019, 98, 874-886.	7.3	159
3	Novel 2D MBenesâ€™ Synthesis, Structure, and Biotechnological Potential. Advanced Functional Materials, 2021, 31, 2103048.	14.9	67
4	On tuning the cytotoxicity of Ti <sub>3</sub> C <sub>2</sub> (MXene) flakes to cancerous and benign cells by post-delamination surface modifications. 2D Materials, 2020, 7, 025018.	4.4	63
5	Engineering of 2D Ti <sub>3</sub> C <sub>2</sub> MXene Surface Charge and its Influence on Biological Properties. Materials, 2020, 13, 2347.	2.9	49
6	Juggling Surface Charges of 2D Niobium Carbide MXenes for a Reactive Oxygen Species Scavenging and Effective Targeting of the Malignant Melanoma Cell Cycle into Programmed Cell Death. ACS Sustainable Chemistry and Engineering, 2020, 8, 7942-7951.	6.7	38
7	The 10th anniversary of MXenes: Challenges and prospects for their surface modification toward future biotechnological applications. Advanced Drug Delivery Reviews, 2022, 182, 114099.	13.7	28
8	Synthesis, characterization and biophysical evaluation of the 2D Ti <sub>2</sub> CTx MXene using 3D spheroid-type cultures. Ceramics International, 2021, 47, 22567-22577.	4.8	26
9	Magnetic field-assisted selective delivery of doxorubicin to cancer cells using magnetoliposomes as drug nanocarriers. Nanotechnology, 2019, 30, 315101.	2.6	25
10	Studying pharmacodynamic effects in cell cultures by chemical fingerprinting â€™ SIA electronic tongue versus 2D fluorescence soft sensor. Sensors and Actuators B: Chemical, 2018, 272, 264-273.	7.8	12
11	Soapwort (Saponaria officinalis L.) Extract vs. Synthetic Surfactantsâ€™ Effect on Skin-Mimetic Models. Molecules, 2021, 26, 5628.	3.8	3
12	Ion Chromatographic Fingerprinting of STC-1 Cellular Response for Taste Sensing. Sensors, 2019, 19, 1062.	3.8	2
13	Effect of the oat, horse chestnut, cowherb, soy, quinoa and soapwort extracts on skinâ€™mimicking monolayers and cell lines. Journal of Surfactants and Detergents, 0, , .	2.1	2
14	Organ-on-a-chip Systems. , 2018, , 55-78.		0