

# Alper Devrim A-zkan

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

429  
citations

933264

10  
h-index

1058333

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

625  
citing authors

#	ARTICLE	IF	CITATIONS
1	A mechanism for the activation of the mechanosensitive Piezo1 channel by the small molecule Yoda1. Nature Communications, 2019, 10, 4503.	5.8	136
2	Heparin mimetic peptide nanofiber gel promotes regeneration of full thickness burn injury. Biomaterials, 2017, 134, 117-127.	5.7	89
3	Effects of temperature, pH and counterions on the stability of peptide amphiphile nanofiber structures. RSC Advances, 2016, 6, 104201-104214.	1.7	36
4	Effects of laser ablated silver nanoparticles on Lemna minor. Chemosphere, 2014, 108, 251-257.	4.2	26
5	Atomic force microscopy for the investigation of molecular and cellular behavior. Micron, 2016, 89, 60-76.	1.1	25
6	Accumulation trends of metals and a metalloid in the freshwater crayfish <i>Astacus leptodactylus</i> from Lake Yenisağ (Turkey). Chemistry and Ecology, 2013, 29, 754-769.	0.6	20
7	Chromium(VI) Biosorption and Bioaccumulation by Live and Acid-Modified Biomass of a Novel <i>Morganella morganii</i> Isolate. Separation Science and Technology, 2014, 49, 907-914.	1.3	20
8	Yoda1's energetic footprint on Piezo1 channels and its modulation by voltage and temperature. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	19
9	Mechanical and chemical activation of GPR68 probed with a genetically encoded fluorescent reporter. Journal of Cell Science, 2021, 134, .	1.2	17
10	Interactions between metals accumulated in the narrow-clawed crayfish <i>Astacus leptodactylus</i> (Eschscholtz, 1823) in Dikilitaş Lake, Turkey. Chemistry and Ecology, 2015, 31, 455-465.	0.6	10
11	Nanomechanical Characterization of Osteogenic Differentiation of Mesenchymal Stem Cells on Bioactive Peptide Nanofiber Hydrogels. Advanced Materials Interfaces, 2017, 4, 1700090.	1.9	10
12	Probe microscopy methods and applications in imaging of biological materials. Seminars in Cell and Developmental Biology, 2018, 73, 153-164.	2.3	10
13	Correlations in metal release profiles following sorption by Lemna minor. International Journal of Phytoremediation, 2016, 18, 785-793.	1.7	5
14	Multiplexing Focused Ultrasound Stimulation with Fluorescence Microscopy. Journal of Visualized Experiments, 2019, .	0.2	3