

# Gergő Páster Szekeres

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4596554/publications.pdf>

Version: 2024-02-01

20  
papers

446  
citations

840776

11  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

631  
citing authors

#	ARTICLE	IF	CITATIONS
1	SERS Probing of Proteins in Gold Nanoparticle Agglomerates. <i>Frontiers in Chemistry</i> , 2019, 7, 30.	3.6	100
2	Different binding sites of serum albumins in the protein corona of gold nanoparticles. <i>Analyst</i> , The, 2018, 143, 6061-6068.	3.5	62
3	Polysulfates Block SARS-CoV-2 Uptake through Electrostatic Interactions**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15870-15878.	13.8	49
4	Enhanced virus filtration in hybrid membranes with MWCNT nanocomposite. <i>Royal Society Open Science</i> , 2019, 6, 181294.	2.4	35
5	Copper-Coated Cellulose-Based Water Filters for Virus Retention. <i>ACS Omega</i> , 2018, 3, 446-454.	3.5	31
6	Optical Nanosensing of Lipid Accumulation due to Enzyme Inhibition in Live Cells. <i>ACS Nano</i> , 2019, 13, 9363-9375.	14.6	31
7	Fragmentation of Proteins in the Corona of Gold Nanoparticles As Observed in Live Cell Surface-Enhanced Raman Scattering. <i>Analytical Chemistry</i> , 2020, 92, 8553-8560.	6.5	29
8	Dissecting structure-function of 3-O-sulfated heparin and engineered heparan sulfates. <i>Science Advances</i> , 2021, 7, eabl6026.	10.3	23
9	Intracellular optical probing with gold nanostars. <i>Nanoscale</i> , 2021, 13, 968-979.	5.6	20
10	Relating the composition and interface interactions in the hard corona of gold nanoparticles to the induced response mechanisms in living cells. <i>Nanoscale</i> , 2020, 12, 17450-17461.	5.6	17
11	Analytical challenges of glycosaminoglycans at biological interfaces. <i>Analytical and Bioanalytical Chemistry</i> , 2021, , 1.	3.7	15
12	Mass spectrometric approach for the analysis of the hard protein corona of nanoparticles in living cells. <i>Journal of Proteomics</i> , 2020, 212, 103582.	2.4	11
13	Protein Secondary Structure Affects Glycan Clustering in Native Mass Spectrometry. <i>Life</i> , 2021, 11, 554.	2.4	7
14	Probing the Intracellular Bio-Nano Interface in Different Cell Lines with Gold Nanostars. <i>Nanomaterials</i> , 2021, 11, 1183.	4.1	6
15	Segmental nitrogen doping and carboxyl functionalization of multi-walled carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 2472-2478.	1.5	4
16	The interaction of chondroitin sulfate with a lipid monolayer observed by using nonlinear vibrational spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13389-13395.	2.8	3
17	Insights into Pore Size Control in Cellulose Nanopapers Through Modeling and Experiments. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 3000-3005.	0.9	2
18	Isotope Analytical Characterization of Carbon-Based Nanocomposites. <i>Radiocarbon</i> , 2018, 60, 1101-1114.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Polysulfate hemmen durch elektrostatische Wechselwirkungen die SARS-CoV-2-Infektion**. Angewandte Chemie, 2021, 133, 16005-16014.	2.0	0
20	Systematic investigation of experimental parameters on nitrogen incorporation into carbon nanotube forests. Materials Research Bulletin, 2022, 148, 111676.	5.2	0