

# Vasiliy S Chernyshev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8316963/publications.pdf>

Version: 2024-02-01

18  
papers

1,974  
citations

840776

11  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

5152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic surface tension probe for measuring the concentration of extracellular vesicles. <i>Biochemical and Biophysical Research Communications</i> , 2022, 609, 189-194.	2.1	7
2	Impact of fluorescent dyes on the physicochemical parameters of microbubbles stabilized by albumin-dye complex. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 647, 129095.	4.7	10
3	Quantification of Desiccated Extracellular Vesicles by Quartz Crystal Microbalance. <i>Biosensors</i> , 2022, 12, 371.	4.7	6
4	Hybrid (Bovine Serum Albumin)/Poly( <i>N</i> -vinyl-2-pyrrolidone-co- <i>i</i> -acrylic acid)-Shelled Microbubbles as Advanced Ultrasound Contrast Agents. <i>ACS Applied Bio Materials</i> , 2022, 5, 3338-3348.	4.6	9
5	Gold nanoparticle-carbon nanotube multilayers on silica microspheres: Optoacoustic-Raman enhancement and potential biomedical applications. <i>Materials Science and Engineering C</i> , 2021, 120, 111736.	7.3	16
6	Optoacoustic/Fluorescent/Acoustic Imaging Probe Based on Air-Filled Bubbles Functionalized with Gold Nanorods and Fluorescein Isothiocyanate. <i>ACS Omega</i> , 2021, 6, 3809-3821.	3.5	11
7	Air-Filled Bubbles Stabilized by Gold Nanoparticle/Photodynamic Dye Hybrid Structures for Theranostics. <i>Nanomaterials</i> , 2021, 11, 415.	4.1	18
8	Multifunctional nanostructured drug delivery carriers for cancer therapy: Multimodal imaging and ultrasound-induced drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111576.	5.0	36
9	Imaging of Extracellular Vesicles by Atomic Force Microscopy. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	26
10	Identification and Analysis of Exosomes by Surface-Enhanced Raman Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1135.	2.5	33
11	Membrane proteins significantly restrict exosome mobility. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 1055-1059.	2.1	64
12	CellProfiler 3.0: Next-generation image processing for biology. <i>PLoS Biology</i> , 2018, 16, e2005970.	5.6	1,547
13	Ultrasound measurements of segmental temperature distribution in solids: Method and its high-temperature validation. <i>Ultrasonics</i> , 2016, 66, 91-102.	3.9	24
14	Diffusivity Measurements of Solutes Impacting Interfacial Tension. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 4535-4544.	3.7	4
15	Size and shape characterization of hydrated and desiccated exosomes. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3285-3301.	3.7	135
16	Surface tension of water in the presence of perfluorocarbon vapors. <i>Soft Matter</i> , 2014, 10, 1937.	2.7	18
17	Successful Internet-Based Lifestyle Change Program on Body Weight and Markers of Metabolic Health. <i>Obesity and Weight Management</i> , 2009, 5, 167-173.	0.1	3
18	Effect of Surface Modification of Multifunctional Nanocomposite Drug Delivery Carriers with DARPIn on Their Biodistribution <i>In Vitro</i> and <i>In Vivo</i> . <i>ACS Applied Bio Materials</i> , 0, , .	4.6	6