

Vasiliy S Chernyshev

List of Publications by Year in descending order

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