

Janez Å trancar

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

367
citations

933447

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30
all docs

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docs citations

30
times ranked

583
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#	ARTICLE	IF	CITATIONS
1	Intracellular Trafficking of Cationic Carbon Dots in Cancer Cell Lines MCF-7 and HeLa—Time Lapse Microscopy, Concentration-Dependent Uptake, Viability, DNA Damage, and Cell Cycle Profile. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1077.	4.1	3
2	Spatially Resolved Temperature Distribution in a Rare-Earth-Doped Transparent Glass-Ceramic. <i>Sensors</i> , 2022, 22, 1970.	3.8	2
3	Aerosol—Cell Exposure System Applied to Semi-Adherent Cells for Aerosolization of Lung Surfactant and Nanoparticles Followed by High Quality RNA Extraction. <i>Nanomaterials</i> , 2022, 12, 1362.	4.1	6
4	Single cell temperature probed by Eu ⁺³ doped TiO ₂ nanoparticles luminescence. <i>Nano Select</i> , 2021, 2, 1208-1217.	3.7	3
5	Self-Targeting of Carbon Dots into the Cell Nucleus: Diverse Mechanisms of Toxicity in NIH/3T3 and L929 Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5608.	4.1	22
6	Revealing Inflammatory Indications Induced by Titanium Alloy Wear Debris in Periprosthetic Tissue by Label-Free Correlative High-Resolution Ion, Electron and Optical Microspectroscopy. <i>Materials</i> , 2021, 14, 3048.	2.9	6
7	Method for controlled tissue theranostics using a single tunable laser source. <i>Biomedical Optics Express</i> , 2021, 12, 5881.	2.9	0
8	How to control fluorescent labeling of metal oxide nanoparticles for artefact-free live cell microscopy. <i>Nanotoxicology</i> , 2021, 15, 1102-1123.	3.0	2
9	Effects of physicochemical properties of TiO ₂ nanomaterials for pulmonary inflammation, acute phase response and alveolar proteinosis in intratracheally exposed mice. <i>Toxicology and Applied Pharmacology</i> , 2020, 386, 114830.	2.8	66
10	Prediction of Chronic Inflammation for Inhaled Particles: the Impact of Material Cycling and Quarantining in the Lung Epithelium. <i>Advanced Materials</i> , 2020, 32, e2003913.	21.0	14
11	Characterization of blood coagulation dynamics and oxygenation in ex vivo retinal vessels by fluorescence hyperspectral imaging. <i>Journal of Biophotonics</i> , 2020, 13, e202000021.	2.3	1
12	Photocatalytic biocidal effect of copper doped TiO ₂ nanotube coated surfaces under laminar flow, illuminated with UVA light on <i>Legionella pneumophila</i> . <i>PLoS ONE</i> , 2020, 15, e0227574.	2.5	5
13	Disease Prediction: Prediction of Chronic Inflammation for Inhaled Particles: the Impact of Material Cycling and Quarantining in the Lung Epithelium (<i>Adv. Mater.</i> 47/2020). <i>Advanced Materials</i> , 2020, 32, .	21.0	0
14	Aggregation-induced emission spectral shift as a measure of local concentration of a pH-activatable rhodamine-based smart probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 190, 486-493.	3.9	14
15	Surface deposited one-dimensional copper-doped TiO ₂ nanomaterials for prevention of health care acquired infections. <i>PLoS ONE</i> , 2018, 13, e0201490.	2.5	10
16	Nanoparticles Can Wrap Epithelial Cell Membranes and Relocate Them Across the Epithelial Cell Layer. <i>Nano Letters</i> , 2018, 18, 5294-5305.	9.1	27
17	Antibacterial activity of chemically versus enzymatic functionalized wool with É-poly-L-lysine. <i>Textile Research Journal</i> , 2017, 87, 1604-1619.	2.2	12
18	Internalization and Accumulation in Dendritic Cells of a Small pH-Activatable Glycomimetic Fluorescent Probe as Revealed by Spectral Detection. <i>ChemBioChem</i> , 2015, 16, 2660-2667.	2.6	7

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19	Protein Corona Prevents TiO ₂ Phototoxicity. PLoS ONE, 2015, 10, e0129577.	2.5	35
20	Recovering position-dependent diffusion from biased molecular dynamics simulations. Journal of Chemical Physics, 2014, 140, 084109.	3.0	10
21	Animal and human dentin microstructure and elemental composition. Open Medicine (Poland), 2014, 9, 468-476.	1.3	8
22	Resolving Internal Motional Correlations to Complete the Conformational Entropy Meter. Journal of Physical Chemistry Letters, 2014, 5, 3593-3600.	4.6	3
23	Coexistence of Probe Conformations in Lipid Phases—A Polarized Fluorescence Microspectroscopy Study. Biophysical Journal, 2013, 105, 919-927.	0.5	9
24	Bleaching-corrected fluorescence microspectroscopy with nanometer peak position resolution. Optics Express, 2013, 21, 25291.	3.4	18
25	SDSL-ESR-based protein structure characterization. European Biophysics Journal, 2010, 39, 499-511.	2.2	11
26	Simulation Support to EPR-based Dentin Characterization. Applied Magnetic Resonance, 2010, 37, 751-761.	1.2	0
27	Spin Label EPR-Based Characterization of Biosystem Complexity. Journal of Chemical Information and Modeling, 2005, 45, 394-406.	5.4	71