

Dania Movia

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,446
citations

331670

21
h-index

330143

37
g-index

42
all docs

42
docs citations

42
times ranked

2972
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomedicine applied to translational oncology: A future perspective on cancer treatment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 81-103.	3.3	220
2	The Threshold Length for Fiber-Induced Acute Pleural Inflammation: Shedding Light on the Early Events in Asbestos-Induced Mesothelioma. <i>Toxicological Sciences</i> , 2012, 128, 461-470.	3.1	161
3	Towards a nanospecific approach for risk assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 80, 46-59.	2.7	109
4	Targeted polyethylene glycol gold nanoparticles for the treatment of pancreatic cancer: from synthesis to proof-of-concept in vitro studies. <i>International Journal of Nanomedicine</i> , 2016, 11, 791.	6.7	86
5	Proinflammatory Effects of Pyrogenic and Precipitated Amorphous Silica Nanoparticles in Innate Immunity Cells. <i>Toxicological Sciences</i> , 2016, 150, 40-53.	3.1	65
6	Screening the Cytotoxicity of Single-Walled Carbon Nanotubes Using Novel 3D Tissue-Mimetic Models. <i>ACS Nano</i> , 2011, 5, 9278-9290.	14.6	61
7	Industrial grade 2D molybdenum disulphide (MoS ₂): an <i>in vitro</i> exploration of the impact on cellular uptake, cytotoxicity, and inflammation. <i>2D Materials</i> , 2017, 4, 025065.	4.4	57
8	Critical Investigation of Defect Site Functionalization on Single-Walled Carbon Nanotubes. <i>Chemistry of Materials</i> , 2011, 23, 67-74.	6.7	54
9	<i>In vitro</i> Alternatives to Acute Inhalation Toxicity Studies in Animal Models—A Perspective. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 549.	4.1	54
10	Tunable Design of Gold(III)–Doxorubicin Complex–PEGylated Nanocarrier. The Golden Doxorubicin for Oncological Applications. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 19946-19957.	8.0	49
11	Determination of Spiropyran Cytotoxicity by High Content Screening and Analysis for Safe Application in Bionanosensing. <i>Chemical Research in Toxicology</i> , 2010, 23, 1459-1466.	3.3	42
12	A safe-by-design approach to the development of gold nanoboxes as carriers for internalization into cancer cells. <i>Biomaterials</i> , 2014, 35, 2543-2557.	11.4	41
13	Multilayered Cultures of NSCLC cells grown at the Air-Liquid Interface allow the efficacy testing of inhaled anti-cancer drugs. <i>Scientific Reports</i> , 2018, 8, 12920.	3.3	34
14	Purified and Oxidized Single-Walled Carbon Nanotubes as Robust Near-IR Fluorescent Probes for Molecular Imaging. <i>Journal of Physical Chemistry C</i> , 2010, 114, 18407-18413.	3.1	30
15	Cadmium nanoparticles citrullinate cytokeratins within lung epithelial cells: cadmium as a potential cause of citrullination in chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2018, Volume 13, 441-449.	2.3	29
16	Identifying contact-mediated, localized toxic effects of MWCNT aggregates on epithelial monolayers: a single-cell monitoring toxicity assay. <i>Nanotoxicology</i> , 2015, 9, 230-241.	3.0	28
17	Photo-controlled release of zinc metal ions by spiropyran receptors anchored to single-walled carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 6034.	2.8	26
18	A protein corona study by scattering correlation spectroscopy: a comparative study between spherical and urchin-shaped gold nanoparticles. <i>Nanoscale</i> , 2019, 11, 3665-3673.	5.6	26

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19	Culturing substrates influence the morphological, mechanical and biochemical features of lung adenocarcinoma cells cultured in 2D or 3D. <i>Tissue and Cell</i> , 2018, 50, 15-30.	2.2	25
20	Silver nanowires as prospective carriers for drug delivery in cancer treatment: an in vitro biocompatibility study on lung adenocarcinoma cells and fibroblasts. <i>European Journal of Nanomedicine</i> , 2013, 5, .	0.6	23
21	Preclinical Development of Orally Inhaled Drugs (OIDs) – Are Animal Models Predictive or Shall We Move Towards In Vitro Non-Animal Models?. <i>Animals</i> , 2020, 10, 1259.	2.3	23
22	Conjugated Quantum Dots Inhibit the Amyloid β (1-42) Fibrillation Process. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-15.	2.0	21
23	Three-dimensional (3D) liver cell models - a tool for bridging the gap between animal studies and clinical trials when screening liver accumulation and toxicity of nanobiomaterials. <i>Drug Delivery and Translational Research</i> , 2022, 12, 2048-2074.	5.8	19
24	Detection of ErbB2: nanotechnological solutions for clinical diagnostics. <i>RSC Advances</i> , 2014, 4, 3422-3442.	3.6	18
25	ALI multilayered co-cultures mimic biochemical mechanisms of the cancer cell-fibroblast cross-talk involved in NSCLC MultiDrug Resistance. <i>BMC Cancer</i> , 2019, 19, 854.	2.6	18
26	Citrullination as early-stage indicator of cell response to Single-Walled Carbon Nanotubes. <i>Scientific Reports</i> , 2013, 3, 1124.	3.3	17
27	Towards the Identification of an In Vitro Tool for Assessing the Biological Behavior of Aerosol Supplied Nanomaterials. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 563.	2.6	17
28	Interplay between oxidative stress and endoplasmic reticulum stress mediated- autophagy in unfunctionalised few-layer graphene-exposed macrophages. <i>2D Materials</i> , 2018, 5, 045033.	4.4	15
29	The curious case of how mimicking physiological complexity in in vitro models of the human respiratory system influences the inflammatory responses. A preliminary study focused on gold nanoparticles. <i>Journal of Interdisciplinary Nanomedicine</i> , 2017, 2, 110-130.	3.6	12
30	Spectroscopy of single-walled carbon nanotubes in aqueous surfactant dispersion. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 2704-2707.	1.5	11
31	Differential stress reaction of human colon cells to oleic-acid-stabilized and unstabilized ultrasmall iron oxide nanoparticles. <i>International Journal of Nanomedicine</i> , 2014, 9, 3481.	6.7	11
32	The Rise of Three Rs Centres and Platforms in Europe*. <i>ATLA Alternatives To Laboratory Animals</i> , 2022, 50, 90-120.	1.0	11
33	Synthesis and characterization of silica-coated superparamagnetic iron oxide nanoparticles and interaction with pancreatic cancer cells. <i>International Journal of Applied Ceramic Technology</i> , 2018, 15, 947-960.	2.1	7
34	Towards More Predictive, Physiological and Animal-free In Vitro Models: Advances in Cell and Tissue Culture 2020 Conference Proceedings. <i>ATLA Alternatives To Laboratory Animals</i> , 2021, 49, 93-110.	1.0	6
35	Docetaxel gold complex nanoflowers: A chemo-biological evaluation for their use as nanotherapeutics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111172.	5.0	5
36	Editorial: Use of 3D Models in Drug Development and Precision Medicine - Advances and Outlook. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 658941.	4.1	5

#	ARTICLE	IF	CITATIONS
37	Nanotoxicity in Cancer Research: Technical Protocols and Considerations for the Use of 3D Tumour Spheroids. , 2018, , .		1
38	The Case for Modernizing Biomedical Research in Ireland through the Creation of an Irish 3Rs Centre. Animals, 2022, 12, 1078.	2.3	1
39	Oxidized Single-Walled Carbon Nanotubes: Removal of Carbonaceous Functionalized Material by Washing with Solvents or Base. Materials Research Society Symposia Proceedings, 2011, 1362, 1.	0.1	0
40	Latest advances in combining gold nanomaterials with physical stimuli towards new responsive therapeutic and diagnostic strategies. Precision Nanomedicine, 0, , .	0.8	0