

Eleonore Fröhlich

List of Publications by Year in descending order

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162
papers

10,498
citations

50170

46
h-index

33814

99
g-index

167
all docs

167
docs citations

167
times ranked

17210
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of surface charge in cellular uptake and cytotoxicity of medical nanoparticles. <i>International Journal of Nanomedicine</i> , 2012, 7, 5577.	3.3	1,823
2	Oxygen Stress: A Regulator of Apoptosis in Yeast. <i>Journal of Cell Biology</i> , 1999, 145, 757-767.	2.3	963
3	A Yeast Mutant Showing Diagnostic Markers of Early and Late Apoptosis. <i>Journal of Cell Biology</i> , 1997, 139, 729-734.	2.3	740
4	Cognitive impairment by antibiotic-induced gut dysbiosis: Analysis of gut microbiota-brain communication. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 140-155.	2.0	500
5	Thyroid Autoimmunity: Role of Anti-thyroid Antibodies in Thyroid and Extra-Thyroidal Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 521.	2.2	291
6	Models for oral uptake of nanoparticles in consumer products. <i>Toxicology</i> , 2012, 291, 10-17.	2.0	266
7	Alterations in the ankyrin domain of TRPV4 cause congenital distal SMA, scapuloperoneal SMA and HMSN2C. <i>Nature Genetics</i> , 2010, 42, 160-164.	9.4	228
8	The role of nanoparticle size in hemocompatibility. <i>Toxicology</i> , 2009, 258, 139-147.	2.0	195
9	Toxicological Assessment of Inhaled Nanoparticles: Role of in Vivo, ex Vivo, in Vitro, and in Silico Studies. <i>International Journal of Molecular Sciences</i> , 2014, 15, 4795-4822.	1.8	186
10	Mammalian Bax triggers apoptotic changes in yeast. <i>FEBS Letters</i> , 1998, 438, 61-65.	1.3	180
11	Cytotoxicity of Nanoparticles Contained in Food on Intestinal Cells and the Gut Microbiota. <i>International Journal of Molecular Sciences</i> , 2016, 17, 509.	1.8	167
12	Measurements of Deposition, Lung Surface Area and Lung Fluid for Simulation of Inhaled Compounds. <i>Frontiers in Pharmacology</i> , 2016, 7, 181.	1.6	154
13	Postpolymerization modification of poly(pentafluorophenyl methacrylate): Synthesis of a diverse water-soluble polymer library. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4332-4345.	2.5	148
14	Nano-sized and micro-sized polystyrene particles affect phagocyte function. <i>Cell Biology and Toxicology</i> , 2014, 30, 1-16.	2.4	146
15	Cellular Targets and Mechanisms in the Cytotoxic Action of Non-biodegradable Engineered Nanoparticles. <i>Current Drug Metabolism</i> , 2013, 14, 976-988.	0.7	138
16	The eyes of deep-sea fish II. Functional morphology of the retina. <i>Progress in Retinal and Eye Research</i> , 1998, 17, 637-685.	7.3	132
17	Development of an Advanced Intestinal in Vitro Triple Culture Permeability Model To Study Transport of Nanoparticles. <i>Molecular Pharmaceutics</i> , 2014, 11, 808-818.	2.3	131
18	Efficient Phagocytosis Requires Triacylglycerol Hydrolysis by Adipose Triglyceride Lipase. <i>Journal of Biological Chemistry</i> , 2010, 285, 20192-20201.	1.6	126

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19	Targeted High-Throughput Sequencing Identifies Mutations in atlastin-1 as a Cause of Hereditary Sensory Neuropathy Type I. American Journal of Human Genetics, 2011, 88, 99-105.	2.6	123
20	Microbiota and Thyroid Interaction in Health and Disease. Trends in Endocrinology and Metabolism, 2019, 30, 479-490.	3.1	116
21	Liposomes coated with thiolated chitosan enhance oral peptide delivery to rats. Journal of Controlled Release, 2013, 172, 872-878.	4.8	115
22	Size-dependent effects of nanoparticles on the activity of cytochrome P450 isoenzymes. Toxicology and Applied Pharmacology, 2010, 242, 326-332.	1.3	103
23	Comparison of two in vitro systems to assess cellular effects of nanoparticles-containing aerosols. Toxicology in Vitro, 2013, 27, 409-417.	1.1	100
24	Cytotoxicity of nanoparticles independent from oxidative stress. Journal of Toxicological Sciences, 2009, 34, 363-375.	0.7	99
25	The oral cavity as a biological barrier system: Design of an advanced buccal in vitro permeability model. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 84, 386-393.	2.0	89
26	Activity, expression, and transcription rate of the cathepsins B, D, H, and L in cutaneous malignant melanoma. Cancer, 2001, 91, 972-982.	2.0	87
27	Action of polystyrene nanoparticles of different sizes on lysosomal function and integrity. Particle and Fibre Toxicology, 2012, 9, 26.	2.8	87
28	Evaluation of a physiological <i>in vitro</i> system to study the transport of nanoparticles through the buccal mucosa. Nanotoxicology, 2012, 6, 399-413.	1.6	87
29	Comparison of conventional and advanced <i>in vitro</i> models in the toxicity testing of nanoparticles. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1091-1107.	1.9	87
30	Role of omics techniques in the toxicity testing of nanoparticles. Journal of Nanobiotechnology, 2017, 15, 84.	4.2	86
31	Developing a sensor layer for the optical detection of amines during food spoilage. Talanta, 2017, 170, 481-487.	2.9	82
32	Action of Nanoparticles on Platelet Activation and Plasmatic Coagulation. Current Medicinal Chemistry, 2016, 23, 408-430.	1.2	81
33	Chemotherapy and Chemoprevention by Thiazolidinediones. BioMed Research International, 2015, 2015, 1-14.	0.9	74
34	The Proteasomal Substrate Stm1 Participates in Apoptosis-like Cell Death in Yeast. Molecular Biology of the Cell, 2001, 12, 2422-2432.	0.9	73
35	Action of thiazolidinediones on differentiation, proliferation and apoptosis of normal and transformed thyrocytes in culture. Endocrine-Related Cancer, 2005, 12, 291-303.	1.6	73
36	Oral uptake of nanoparticles: human relevance and the role of in vitro systems. Archives of Toxicology, 2016, 90, 2297-2314.	1.9	67

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37	Diverse action of lipoteichoic acid and lipopolysaccharide on neuroinflammation, blood-brain barrier disruption, and anxiety in mice. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 174-187.	2.0	66
38	Fibulin-5 mutations link inherited neuropathies, age-related macular degeneration and hyperelastic skin. <i>Brain</i> , 2011, 134, 1839-1852.	3.7	64
39	Critical Considerations on the Clinical Translation of Upconversion Nanoparticles (UCNPs): Recommendations from the European Upconversion Network (COST Action CM1403). <i>Advanced Healthcare Materials</i> , 2019, 8, e1801233.	3.9	63
40	Oral inhalation for delivery of proteins and peptides to the lungs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 163, 198-211.	2.0	55
41	Cytotoxicity of nanoparticles is influenced by size, proliferation and embryonic origin of the cells used for testing. <i>Nanotoxicology</i> , 2012, 6, 424-439.	1.6	53
42	The current role of targeted therapies to induce radioiodine uptake in thyroid cancer. <i>Cancer Treatment Reviews</i> , 2014, 40, 665-674.	3.4	52
43	In vitro Permeability of Neutral Polystyrene Particles via Buccal Mucosa. <i>Small</i> , 2013, 9, 457-466.	5.2	51
44	Cellular elimination of nanoparticles. <i>Environmental Toxicology and Pharmacology</i> , 2016, 46, 90-94.	2.0	49
45	Assessment of Long-Term Effects of Nanoparticles in a Microcarrier Cell Culture System. <i>PLoS ONE</i> , 2013, 8, e56791.	1.1	49
46	Comparison of fluorescence-based methods to determine nanoparticle uptake by phagocytes and non-phagocytic cells in vitro. <i>Toxicology</i> , 2017, 378, 25-36.	2.0	48
47	Mucus as Barrier for Drug Delivery by Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 126-136.	0.9	47
48	The forgotten effects of thyrotropin-releasing hormone: Metabolic functions and medical applications. <i>Frontiers in Neuroendocrinology</i> , 2019, 52, 29-43.	2.5	47
49	EP4 receptor stimulation down-regulates human eosinophil function. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3573-3587.	2.4	46
50	Cholesteryl ester hydrolase activity is abolished in HSL macrophages but unchanged in macrophages lacking KIAA1363. <i>Journal of Lipid Research</i> , 2010, 51, 2896-2908.	2.0	45
51	The buccal mucosa as a route for TiO ₂ nanoparticle uptake. <i>Nanotoxicology</i> , 2015, 9, 253-261.	1.6	45
52	Interactions between nano-TiO ₂ and the oral cavity: Impact of nanomaterial surface hydrophilicity/hydrophobicity. <i>Journal of Hazardous Materials</i> , 2015, 286, 298-305.	6.5	43
53	Development of nanostructured lipid carriers for intraoral delivery of Domperidone. <i>International Journal of Pharmaceutics</i> , 2017, 526, 188-198.	2.6	40
54	Searching for physiologically relevant in vitro dissolution techniques for orally inhaled drugs. <i>International Journal of Pharmaceutics</i> , 2019, 556, 45-56.	2.6	40

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55	Chitosan-graft-6-mercaptionicotinic Acid: Synthesis, Characterization, and Biocompatibility. <i>Biomacromolecules</i> , 2009, 10, 3023-3027.	2.6	39
56	Value of phagocyte function screening for immunotoxicity of nanoparticles in vivo. <i>International Journal of Nanomedicine</i> , 2015, 10, 3761.	3.3	38
57	The effect of saliva on the fate of nanoparticles. <i>Clinical Oral Investigations</i> , 2018, 22, 929-940.	1.4	37
58	Amphiphilic coatings for the protection of upconverting nanoparticles against dissolution in aqueous media. <i>Dalton Transactions</i> , 2017, 46, 6975-6984.	1.6	35
59	Mammalian Müller (glial) cells express functional D2 dopamine receptors. <i>NeuroReport</i> , 1995, 6, 609-612.	0.6	34
60	Permeation of Therapeutic Drugs in Different Formulations across the Airway Epithelium In Vitro. <i>PLoS ONE</i> , 2015, 10, e0135690.	1.1	34
61	Chemical coupling of thiolated chitosan to preformed liposomes improves mucoadhesive properties. <i>International Journal of Nanomedicine</i> , 2012, 7, 2523.	3.3	31
62	The Development of Indicator Cotton Swabs for the Detection of pH in Wounds. <i>Sensors</i> , 2017, 17, 1365.	2.1	31
63	Air-liquid interface culture changes surface properties of A549 cells. <i>Toxicology in Vitro</i> , 2019, 60, 369-382.	1.1	30
64	Chitosan-4-mercaptobenzoic acid: synthesis and characterization of a novel thiolated chitosan. <i>Journal of Materials Chemistry</i> , 2010, 20, 2432.	6.7	30
65	Patterns of rod proliferation in deep-sea fish retinæ. <i>Vision Research</i> , 1995, 35, 1799-1811.	0.7	29
66	Carboxylated Short Single-Walled Carbon Nanotubes But Not Plain and Multi-Walled Short Carbon Nanotubes Show in vitro Genotoxicity. <i>Toxicological Sciences</i> , 2015, 144, 114-127.	1.4	28
67	Toxicity of orally inhaled drug formulations at the alveolar barrier: parameters for initial biological screening. <i>Drug Delivery</i> , 2017, 24, 891-905.	2.5	26
68	Photohardening of polymorphic light eruption patients decreases baseline epidermal langerhans cell density while increasing mast cell numbers in the papillary dermis. <i>Experimental Dermatology</i> , 2014, 23, 428-430.	1.4	25
69	The occurrence of dopaminergic interplexiform cells correlates with the presence of cones in the retinæ of fish. <i>Visual Neuroscience</i> , 1995, 12, 359-369.	0.5	24
70	Intracellular calcium levels as screening tool for nanoparticle toxicity. <i>Journal of Applied Toxicology</i> , 2015, 35, 1150-1159.	1.4	24
71	Reaction of monocytes to polystyrene and silica nanoparticles in short-term and long-term exposures. <i>Toxicology Research</i> , 2014, 3, 86.	0.9	23
72	Are in vivo and in vitro assessments of comparative and combined toxicity of the same metallic nanoparticles compatible, or contradictory, or both? A juxtaposition of data obtained in respective experiments with NiO and Mn 3 O 4 nanoparticles. <i>Food and Chemical Toxicology</i> , 2017, 109, 393-404.	1.8	23

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73	Nebulized coenzyme Q 10 nanosuspensions: A versatile approach for pulmonary antioxidant therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 113, 159-170.	1.9	23
74	Activity, expression, and transcription rate of the cathepsins B, D, H, and L in cutaneous malignant melanoma. <i>Cancer</i> , 2001, 91, 972-82.	2.0	23
75	Combination of small size and carboxyl functionalisation causes cytotoxicity of short carbon nanotubes. <i>Nanotoxicology</i> , 2012, 7, 1211-1224.	1.6	22
76	Suitability of Cell-Based Label-Free Detection for Cytotoxicity Screening of Carbon Nanotubes. <i>BioMed Research International</i> , 2013, 2013, 1-13.	0.9	22
77	Multilayered Polysaccharide Nanofilms for Controlled Delivery of Pentoxifylline and Possible Treatment of Chronic Venous Ulceration. <i>Biomacromolecules</i> , 2017, 18, 2732-2746.	2.6	22
78	Impact of drug particle shape on permeability and cellular uptake in the lung. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 139, 105065.	1.9	22
79	Proteases in cutaneous malignant melanoma: relevance as biomarker and therapeutic target. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 3947-3960.	2.4	21
80	Induction of iodide uptake in transformed thyrocytes: a compound screening in cell lines. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 780-790.	3.3	20
81	Albumin-based nanoparticles as magnetic resonance contrast agents: I. Concept, first syntheses and characterisation. <i>Histochemistry and Cell Biology</i> , 2010, 133, 375-404.	0.8	20
82	Nonspecific protein adsorption on cationically modified Lyocell fibers monitored by zeta potential measurements. <i>Carbohydrate Polymers</i> , 2017, 164, 49-56.	5.1	20
83	Therapeutic Potential of Mesenchymal Stem Cells and Their Products in Lung Diseases – Intravenous Administration versus Inhalation. <i>Pharmaceutics</i> , 2021, 13, 232.	2.0	20
84	On Absorption Modeling and Food Effect Prediction of Rivaroxaban, a BCS II Drug Orally Administered as an Immediate-Release Tablet. <i>Pharmaceutics</i> , 2021, 13, 283.	2.0	20
85	Development of multibank rod retinae in deep-sea fishes. <i>Visual Neuroscience</i> , 1998, 15, 477-483.	0.5	19
86	Effect of the pulmonary deposition and in vitro permeability on the prediction of plasma levels of inhaled budesonide formulation. <i>International Journal of Pharmaceutics</i> , 2017, 532, 337-344.	2.6	19
87	An in vitro and in vivo study of peptide-functionalized nanoparticles for brain targeting: The importance of selective blood-brain barrier uptake. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1289-1300.	1.7	19
88	Screening for Effects of Inhaled Nanoparticles in Cell Culture Models for Prolonged Exposure. <i>Nanomaterials</i> , 2021, 11, 606.	1.9	18
89	Use of whole genome expression analysis in the toxicity screening of nanoparticles. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 272-284.	1.3	17
90	Atomic force microscopy as analytical tool to study physico-mechanical properties of intestinal cells. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 1457-1466.	1.5	17

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91	Hemocompatibility of inhaled environmental nanoparticles: Potential use of in vitro testing. <i>Journal of Hazardous Materials</i> , 2017, 336, 158-167.	6.5	17
92	An automatable platform for genotoxicity testing of nanomaterials based on the fluorometric \hat{I}^3 -H2AX assay reveals no genotoxicity of properly surface-shielded cadmium-based quantum dots. <i>Nanoscale</i> , 2019, 11, 13458-13468.	2.8	17
93	Cathepsins in basal cell carcinomas: activity, immunoreactivity and mRNA staining of cathepsins B, D, H and L. <i>Archives of Dermatological Research</i> , 2004, 295, 411-21.	1.1	16
94	Chondrocyte apoptosis enhanced at the growth plate: a physeal response to a diaphyseal fracture. <i>Cell and Tissue Research</i> , 2009, 335, 539-549.	1.5	16
95	In vitro and in silico characterisation of Tacrolimus released under biorelevant conditions. <i>International Journal of Pharmaceutics</i> , 2016, 515, 271-280.	2.6	16
96	Comprehensive investigations of fibroin and poly(ethylenimine) functionalized fibroin nanoparticles for ulcerative colitis treatment. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101484.	1.4	16
97	Impact of simulated lung fluid components on the solubility of inhaled drugs and predicted in vivo performance. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120893.	2.6	16
98	Rod Outer Segment Renewal in the Retinae of Deep-sea Fish. <i>Vision Research</i> , 1996, 36, 3183-3194.	0.7	15
99	Globular domain of adiponectin: promising target molecule for detection of atherosclerotic lesions. <i>Biologics: Targets and Therapy</i> , 2011, 5, 95.	3.0	15
100	MECHANISMS IN ENDOCRINOLOGY: Impact of isolated TSH levels in and out of normal range on different tissues. <i>European Journal of Endocrinology</i> , 2016, 174, R29-R41.	1.9	15
101	Distribution and colocalization of markers for proliferation, invasion, motility and neoangiogenesis in benign melanocytic naevi and malignant melanomas. <i>British Journal of Dermatology</i> , 2005, 153, 1159-1165.	1.4	14
102	Antitumor Effects of Arsenic Trioxide in Transformed Human Thyroid Cells. <i>Thyroid</i> , 2008, 18, 1183-1193.	2.4	14
103	Is transketolase like 1 a target for the treatment of differentiated thyroid carcinoma? A study on thyroid cancer cell lines. <i>Investigational New Drugs</i> , 2009, 27, 297-303.	1.2	13
104	Proliferation analysis of the growth plate after diaphyseal midshaft fracture by $5\hat{\alpha}^2$ -bromo-2 $\hat{\alpha}^2$ -deoxy-uridine. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2010, 457, 77-85.	1.4	13
105	Immunocytochemical and immunoelectron microscopic demonstration of cathepsin B in human malignant melanoma. <i>British Journal of Dermatology</i> , 2010, 132, 867-875.	1.4	13
106	Biological Obstacles for Identifying In Vitro-In Vivo Correlations of Orally Inhaled Formulations. <i>Pharmaceutics</i> , 2019, 11, 316.	2.0	13
107	Immunoelectron microscopic localization of cathepsin B in human exocrine glands. <i>Journal of Cutaneous Pathology</i> , 1993, 20, 54-60.	0.7	12
108	Albumin-based nanoparticles as magnetic resonance contrast agents: II. Physicochemical characterisation of purified and standardised nanoparticles. <i>Histochemistry and Cell Biology</i> , 2010, 134, 171-196.	0.8	12

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109	Some Peculiarities in the Dose Dependence of Separate and Combined In Vitro Cardiotoxicity Effects Induced by CdS and PbS Nanoparticles With Special Attention to Hormesis Manifestations. Dose-Response, 2020, 18, 155932582091418.	0.7	12
110	Peptides at the Interface: Self-Assembly of Amphiphilic Designer Peptides and Their Membrane Interaction Propensity. Biomacromolecules, 2016, 17, 3591-3601.	2.6	11
111	Cytotoxicity screening of emulsifiers for pulmonary application of lipid nanoparticles. European Journal of Pharmaceutical Sciences, 2019, 136, 104968.	1.9	11
112	Delivery of Dry Powders to the Lungs: Influence of Particle Attributes from a Biological and Technological Point of View. Current Drug Delivery, 2019, 16, 180-194.	0.8	11
113	An in vitro and in silico study of the impact of engineered surface modifications on drug detachment from model carriers. International Journal of Pharmaceutics, 2016, 513, 109-117.	2.6	10
114	Effect of differently coated silver nanoparticles on hemostasis. Platelets, 2021, 32, 651-661.	1.1	10
115	Issues with Cancer Spheroid Models in Therapeutic Drug Screening. Current Pharmaceutical Design, 2020, 26, 2137-2148.	0.9	10
116	Initial Biological Assessment of Upconversion Nanohybrids. Biomedicines, 2021, 9, 1419.	1.4	10
117	Enzymatic heterogeneity of bovine retinal pigment epithelial cells in vivo and in vitro. , 2001, 239, 25-34.		9
118	Pro-angiogenic induction of myeloid cells for therapeutic angiogenesis can induce mitogen-activated protein kinase p38-dependent foam cell formation. Cytotherapy, 2011, 13, 503-512.	0.3	9
119	Nanoparticles: Promising Auxiliary Agents for Diagnosis and Therapy of Thyroid Cancers. Cancers, 2021, 13, 4063.	1.7	9
120	Basal lamina formation by porcine thyroid cells grown in collagen- and laminin-deficient medium. The Histochemical Journal, 1995, 27, 602-608.	0.6	8
121	A novel In Vitro Model for Studying Nanoparticle Interactions with the Small Intestine. EURO-NanoTox-Letters, 2016, 6, 1-14.	1.0	8
122	First determination of fullerenes in the Austrian market and environment: quantitative analysis and assessment. Environmental Science and Pollution Research, 2018, 25, 562-571.	2.7	8
123	Effects of retinol on follicular porcine thyrocytes in culture. Journal of Molecular Medicine, 1999, 77, 189-192.	1.7	7
124	Effects of retinoids on porcine thyrocytes under different culture conditions. The Histochemical Journal, 2001, 33, 295-304.	0.6	7
125	Insights into DPI sensitivity to humidity: An integrated in-vitro-in-silico risk-assessment. Journal of Drug Delivery Science and Technology, 2019, 52, 803-817.	1.4	7
126	Bitter taste in silico: A review on virtual ligand screening and characterization methods for TAS2R-bitterant interactions. International Journal of Pharmaceutics, 2021, 600, 120486.	2.6	7

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127	Thiolated Chitosan Conjugated Liposomes for Oral Delivery of Selenium Nanoparticles. <i>Pharmaceutics</i> , 2022, 14, 803.	2.0	7
128	Regional differences and post-mortem stability of enzymatic activities in the retinal pigment epithelium. , 2003, 241, 385-393.		6
129	Retinol has specific effects on binding of thyrotrophin to cultured porcine thyrocytes. <i>Journal of Endocrinology</i> , 2004, 183, 617-626.	1.2	6
130	Glutamine synthetase and marker enzymes of the blood-retina barrier in fetal bovine retinal pigment epithelial cells. , 2000, 238, 500-507.		5
131	Decrease in Dipeptidyl Peptidase IV Activity is Linked to the Efficacy of Differentiating Compounds in Follicular Thyroid Carcinoma Cell Lines. <i>Hormone and Metabolic Research</i> , 2011, 43, 364-366.	0.7	5
132	Do antidiabetic medications play a specific role in differentiated thyroid cancer compared to other cancer types?. <i>Diabetes, Obesity and Metabolism</i> , 2012, 14, 204-213.	2.2	5
133	Gas Permeation, Mechanical Behavior and Cytocompatibility of Ultrathin Pure and Doped Diamond-Like Carbon and Silicon Oxide Films. <i>Coatings</i> , 2013, 3, 268-300.	1.2	5
134	Functional dextran amino acid ester particles derived from N-protected S-trityl-L-cysteine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 561-566.	2.5	5
135	In vitro toxicity screening of polyglycerol esters of fatty acids as excipients for pulmonary formulations. <i>Toxicology and Applied Pharmacology</i> , 2020, 386, 114833.	1.3	5
136	Cytokine-Mediated Inflammation in the Oral Cavity and Its Effect on Lipid Nanocarriers. <i>Nanomaterials</i> , 2021, 11, 1330.	1.9	5
137	Mucus as Physiological Barrier to Intracellular Delivery. <i>Fundamental Biomedical Technologies</i> , 2014, , 139-163.	0.2	5
138	Prognostic value of B7-H1, B7-H3 and the stage, size, grade necrosis in metastatic clear cell renal cell carcinoma. <i>Central European Journal of Urology</i> , 2019, 72, 23-31.	0.2	5
139	Isolation of Bovine Retinal Pigment Epithelial Cells Using Adhesion to Agarose: Demonstration of Cellular and Regional Heterogeneity. <i>Journal of Histochemistry and Cytochemistry</i> , 2003, 51, 121-124.	1.3	4
140	Interspecies differences in membrane-associated protease activities of thyrocytes and their relevance for thyroid cancer studies. <i>Journal of Experimental and Clinical Cancer Research</i> , 2012, 31, 45.	3.5	4
141	In Vitro Assessment of Chronic Nanoparticle Effects on Respiratory Cells. , 2015, , .		4
142	Different Sensitivity of Macrophages to Phospholipidosis Induction by Amphiphilic Cationic Drugs. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8391.	1.8	4
143	Drug combination screening as a translational approach toward an improved drug therapy for chordoma. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 1231-1242.	2.1	4
144	Replacement Strategies for Animal Studies in Inhalation Testing. <i>Sci</i> , 2021, 3, 45.	1.8	4

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145	Relationship of sperm acrosin activity to semen and clinical parameters in infertile patients. <i>Andrologia</i> , 1989, 21, 146-54.	1.0	4
146	Non-Cellular Layers of the Respiratory Tract: Protection against Pathogens and Target for Drug Delivery. <i>Pharmaceutics</i> , 2022, 14, 992.	2.0	4
147	Investigation of Cellular Interactions of Lipid-Structured Nanoparticles With Oral Mucosal Epithelial Cells. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	1.6	4
148	Titanium dioxide nanoparticles and the oral uptake-route. <i>BioNanoMaterials</i> , 2013, 14, 25-35.	1.4	3
149	Dipeptidyl peptidase II is not a marker for progression in melanoma. <i>Journal of Dermatological Science</i> , 2009, 53, 68-71.	1.0	2
150	Prazosin induced lysosomal tubulation interferes with cytokinesis and the endocytic sorting of the tumour antigen CD98hc. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1211-1229.	1.9	2
151	Understanding and Preventing Adverse Effects of Tacrolimus Metabolization in Transplant Patients. <i>Current Drug Metabolism</i> , 2020, 20, 1039-1040.	0.7	2
152	Basal lamina formation by porcine thyroid cells grown in collagen- and laminin-deficient medium. <i>The Histochemical Journal</i> , 1995, 27, 602-8.	0.6	2
153	Efficiency of various dissociation methods for the preparation of thyroid single cell suspensions. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1995, 103, 308-316.	0.6	1
154	Hemocompatibility of various nanoparticles in human blood. <i>Toxicology Letters</i> , 2008, 180, S223-S224.	0.4	1
155	New Diagnostic and Therapeutic Tools for Thyroid Cancer. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-1.	0.6	1
156	Alternatives to Animal Procedures in Drug Development. <i>Journal of Molecular Pharmaceutics & Organic Process Research</i> , 2016, 4, .	2.0	1
157	Cellular Screening Methods for the Study of Nanoparticle- Induced Lysosomal Damage. , 2017, , .		1
158	Acute Respiratory Distress Syndrome: Focus on Viral Origin and Role of Pulmonary Lymphatics. <i>Biomedicines</i> , 2021, 9, 1732.	1.4	1
159	Important Parameters in Cytotoxicity Testing of Nanoparticles. <i>Scientia Pharmaceutica</i> , 2010, 78, 575-575.	0.7	0
160	“Biology and Medicine”: A Section of Nanomaterials Addressing Interactions of Nanomaterials with All Forms of Life. <i>Nanomaterials</i> , 2021, 11, 2294.	1.9	0
161	The Neuron: The Basis for Processing and Propagation of Information in The Nervous System. <i>NeuroQuantology</i> , 2010, 8, .	0.1	0
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