

Eleonore Frhlich

List of Publications by Citations

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155
papers

8,297
citations

41
h-index

89
g-index

167
ext. papers

9,409
ext. citations

5.7
avg, IF

6.94
L-index

#	Paper	IF	Citations
155	The role of surface charge in cellular uptake and cytotoxicity of medical nanoparticles. <i>International Journal of Nanomedicine</i> , 2012 , 7, 5577-91	7.3	1477
154	Oxygen stress: a regulator of apoptosis in yeast. <i>Journal of Cell Biology</i> , 1999 , 145, 757-67	7.3	877
153	A yeast mutant showing diagnostic markers of early and late apoptosis. <i>Journal of Cell Biology</i> , 1997 , 139, 729-34	7.3	672
152	Cognitive impairment by antibiotic-induced gut dysbiosis: Analysis of gut microbiota-brain communication. <i>Brain, Behavior, and Immunity</i> , 2016 , 56, 140-55	16.6	343
151	Models for oral uptake of nanoparticles in consumer products. <i>Toxicology</i> , 2012 , 291, 10-7	4.4	236
150	Alterations in the ankyrin domain of TRPV4 cause congenital distal SMA, scapuloperoneal SMA and HMSN2C. <i>Nature Genetics</i> , 2010 , 42, 160-4	36.3	191
149	The role of nanoparticle size in hemocompatibility. <i>Toxicology</i> , 2009 , 258, 139-47	4.4	173
148	Mammalian Bax triggers apoptotic changes in yeast. <i>FEBS Letters</i> , 1998 , 438, 61-5	3.8	163
147	Thyroid Autoimmunity: Role of Anti-thyroid Antibodies in Thyroid and Extra-Thyroidal Diseases. <i>Frontiers in Immunology</i> , 2017 , 8, 521	8.4	150
146	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, 4795-822	6.3	136
145	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	135
144	Cytotoxicity of Nanoparticles Contained in Food on Intestinal Cells and the Gut Microbiota. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 509	6.3	135
143	Cellular targets and mechanisms in the cytotoxic action of non-biodegradable engineered nanoparticles. <i>Current Drug Metabolism</i> , 2013 , 14, 976-88	3.5	116
142	The eyes of deep-sea fish. II. Functional morphology of the retina. <i>Progress in Retinal and Eye Research</i> , 1998 , 17, 637-85	20.5	109
141	Development of an advanced intestinal in vitro triple culture permeability model to study transport of nanoparticles. <i>Molecular Pharmaceutics</i> , 2014 , 11, 808-18	5.6	105
140	Targeted high-throughput sequencing identifies mutations in atlastin-1 as a cause of hereditary sensory neuropathy type I. <i>American Journal of Human Genetics</i> , 2011 , 88, 99-105	11	103
139	Liposomes coated with thiolated chitosan enhance oral peptide delivery to rats. <i>Journal of Controlled Release</i> , 2013 , 172, 872-8	11.7	97

138	Efficient phagocytosis requires triacylglycerol hydrolysis by adipose triglyceride lipase. <i>Journal of Biological Chemistry</i> , 2010 , 285, 20192-201	5.4	95
137	Measurements of Deposition, Lung Surface Area and Lung Fluid for Simulation of Inhaled Compounds. <i>Frontiers in Pharmacology</i> , 2016 , 7, 181	5.6	93
136	Nano-sized and micro-sized polystyrene particles affect phagocyte function. <i>Cell Biology and Toxicology</i> , 2014 , 30, 1-16	7.4	88
135	Cytotoxicity of nanoparticles independent from oxidative stress. <i>Journal of Toxicological Sciences</i> , 2009 , 34, 363-75	1.9	88
134	Comparison of two in vitro systems to assess cellular effects of nanoparticles-containing aerosols. <i>Toxicology in Vitro</i> , 2013 , 27, 409-17	3.6	87
133	Size-dependent effects of nanoparticles on the activity of cytochrome P450 isoenzymes. <i>Toxicology and Applied Pharmacology</i> , 2010 , 242, 326-32	4.6	85
132	Activity, expression, and transcription rate of the cathepsins B, D, H, and L in cutaneous malignant melanoma. <i>Cancer</i> , 2001 , 91, 972-982	6.4	76
131	The oral cavity as a biological barrier system: design of an advanced buccal in vitro permeability model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 84, 386-93	5.7	75
130	Evaluation of a physiological in vitro system to study the transport of nanoparticles through the buccal mucosa. <i>Nanotoxicology</i> , 2012 , 6, 399-413	5.3	75
129	Action of polystyrene nanoparticles of different sizes on lysosomal function and integrity. <i>Particle and Fibre Toxicology</i> , 2012 , 9, 26	8.4	68
128	The proteasomal substrate Stm1 participates in apoptosis-like cell death in yeast. <i>Molecular Biology of the Cell</i> , 2001 , 12, 2422-32	3.5	67
127	Comparison of conventional and advanced in vitro models in the toxicity testing of nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 1091-1107	6.1	66
126	Action of thiazolidinediones on differentiation, proliferation and apoptosis of normal and transformed thyrocytes in culture. <i>Endocrine-Related Cancer</i> , 2005 , 12, 291-303	5.7	61
125	Developing a sensor layer for the optical detection of amines during food spoilage. <i>Talanta</i> , 2017 , 170, 481-487	6.2	60
124	Action of Nanoparticles on Platelet Activation and Plasmatic Coagulation. <i>Current Medicinal Chemistry</i> , 2016 , 23, 408-30	4.3	60
123	Role of omics techniques in the toxicity testing of nanoparticles. <i>Journal of Nanobiotechnology</i> , 2017 , 15, 84	9.4	58
122	Chemotherapy and chemoprevention by thiazolidinediones. <i>BioMed Research International</i> , 2015 , 2015, 845340	3	55
121	Fibulin-5 mutations link inherited neuropathies, age-related macular degeneration and hyperelastic skin. <i>Brain</i> , 2011 , 134, 1839-52	11.2	51

120	Oral uptake of nanoparticles: human relevance and the role of in vitro systems. <i>Archives of Toxicology</i> , 2016 , 90, 2297-314	5.8	50
119	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	16.6	49
118	Microbiota and Thyroid Interaction in Health and Disease. <i>Trends in Endocrinology and Metabolism</i> , 2019 , 30, 479-490	8.8	46
117	The current role of targeted therapies to induce radioiodine uptake in thyroid cancer. <i>Cancer Treatment Reviews</i> , 2014 , 40, 665-74	14.4	44
116	Cytotoxicity of nanoparticles is influenced by size, proliferation and embryonic origin of the cells used for testing. <i>Nanotoxicology</i> , 2012 , 6, 424-39	5.3	42
115	In-vitro permeability of neutral polystyrene particles via buccal mucosa. <i>Small</i> , 2013 , 9, 457-66	11	41
114	Cholesteryl ester hydrolase activity is abolished in HSL-/- macrophages but unchanged in macrophages lacking KIAA1363. <i>Journal of Lipid Research</i> , 2010 , 51, 2896-908	6.3	41
113	Assessment of long-term effects of nanoparticles in a microcarrier cell culture system. <i>PLoS ONE</i> , 2013 , 8, e56791	3.7	41
112	EP4 receptor stimulation down-regulates human eosinophil function. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 3573-87	10.3	40
111	Comparison of fluorescence-based methods to determine nanoparticle uptake by phagocytes and non-phagocytic cells in vitro. <i>Toxicology</i> , 2017 , 378, 25-36	4.4	37
110	Cellular elimination of nanoparticles. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 46, 90-94	5.8	36
109	Mucus as barrier for drug delivery by nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 126-36	1.3	36
108	Chitosan-graft-6-mercaptionicotinic acid: synthesis, characterization, and biocompatibility. <i>Biomacromolecules</i> , 2009 , 10, 3023-7	6.9	36
107	Mammalian Müller (glial) cells express functional D2 dopamine receptors. <i>NeuroReport</i> , 1995 , 6, 609-12	1.7	34
106	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	10.1	34
105	The buccal mucosa as a route for TiO ₂ nanoparticle uptake. <i>Nanotoxicology</i> , 2015 , 9, 253-61	5.3	33
104	Value of phagocyte function screening for immunotoxicity of nanoparticles in vivo. <i>International Journal of Nanomedicine</i> , 2015 , 10, 3761-78	7.3	32
103	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	12.8	32

102	Development of nanostructured lipid carriers for intraoral delivery of Domperidone. <i>International Journal of Pharmaceutics</i> , 2017 , 526, 188-198	6.5	29
101	The effect of saliva on the fate of nanoparticles. <i>Clinical Oral Investigations</i> , 2018 , 22, 929-940	4.2	28
100	Patterns of rod proliferation in deep-sea fish retinae. <i>Vision Research</i> , 1995 , 35, 1799-811	2.1	28
99	Amphiphilic coatings for the protection of upconverting nanoparticles against dissolution in aqueous media. <i>Dalton Transactions</i> , 2017 , 46, 6975-6984	4.3	27
98	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, 114-27	4.4	27
97	Chemical coupling of thiolated chitosan to preformed liposomes improves mucoadhesive properties. <i>International Journal of Nanomedicine</i> , 2012 , 7, 2523-34	7.3	27
96	Chitosan-4-mercaptobenzoic acid: synthesis and characterization of a novel thiolated chitosan. <i>Journal of Materials Chemistry</i> , 2010 , 20, 2432		27
95	The forgotten effects of thyrotropin-releasing hormone: Metabolic functions and medical applications. <i>Frontiers in Neuroendocrinology</i> , 2019 , 52, 29-43	8.9	26
94	Permeation of Therapeutic Drugs in Different Formulations across the Airway Epithelium In Vitro. <i>PLoS ONE</i> , 2015 , 10, e0135690	3.7	24
93	Searching for physiologically relevant in vitro dissolution techniques for orally inhaled drugs. <i>International Journal of Pharmaceutics</i> , 2019 , 556, 45-56	6.5	24
92	The occurrence of dopaminergic interplexiform cells correlates with the presence of cones in the retinae of fish. <i>Visual Neuroscience</i> , 1995 , 12, 359-69	1.7	23
91	Activity, expression, and transcription rate of the cathepsins B, D, H, and L in cutaneous malignant melanoma. <i>Cancer</i> , 2001 , 91, 972-82	6.4	23
90	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, 428-30	4	21
89	The Development of Indicator Cotton Swabs for the Detection of pH in Wounds. <i>Sensors</i> , 2017 , 17,	3.8	21
88	Combination of small size and carboxyl functionalisation causes cytotoxicity of short carbon nanotubes. <i>Nanotoxicology</i> , 2013 , 7, 1211-24	5.3	21
87	Intracellular calcium levels as screening tool for nanoparticle toxicity. <i>Journal of Applied Toxicology</i> , 2015 , 35, 1150-9	4.1	20
86	Toxicity of orally inhaled drug formulations at the alveolar barrier: parameters for initial biological screening. <i>Drug Delivery</i> , 2017 , 24, 891-905	7	19
85	Reaction of monocytes to polystyrene and silica nanoparticles in short-term and long-term exposures. <i>Toxicology Research</i> , 2014 , 3, 86-97	2.6	19

84	Proteases in cutaneous malignant melanoma: relevance as biomarker and therapeutic target. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 3947-60	10.3	19
83	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 MnO nanoparticles. <i>Food and Chemical Toxicology</i> , 2017 , 109, 393-404	4.7	18
82	Nebulized coenzyme Q nanosuspensions: A versatile approach for pulmonary antioxidant therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 113, 159-170	5.1	18
81	Impact of drug particle shape on permeability and cellular uptake in the lung. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 139, 105065	5.1	17
80	Suitability of cell-based label-free detection for cytotoxicity screening of carbon nanotubes. <i>BioMed Research International</i> , 2013 , 2013, 564804	3	17
79	Albumin-based nanoparticles as magnetic resonance contrast agents: I. Concept, first syntheses and characterisation. <i>Histochemistry and Cell Biology</i> , 2010 , 133, 375-404	2.4	17
78	Use of whole genome expression analysis in the toxicity screening of nanoparticles. <i>Toxicology and Applied Pharmacology</i> , 2014 , 280, 272-84	4.6	16
77	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	6.5	16
76	Multilayered Polysaccharide Nanofilms for Controlled Delivery of Pentoxifylline and Possible Treatment of Chronic Venous Ulceration. <i>Biomacromolecules</i> , 2017 , 18, 2732-2746	6.9	16
75	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, 780-90	8.8	15
74	In vitro and in silico characterisation of Tacrolimus released under biorelevant conditions. <i>International Journal of Pharmaceutics</i> , 2016 , 515, 271-280	6.5	14
73	Atomic force microscopy as analytical tool to study physico-mechanical properties of intestinal cells. <i>Beilstein Journal of Nanotechnology</i> , 2015 , 6, 1457-66	3	14
72	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	3.3	14
71	Development of multibank rod retinae in deep-sea fishes. <i>Visual Neuroscience</i> , 1998 , 15, 477-83	1.7	14
70	Air-liquid interface culture changes surface properties of A549 cells. <i>Toxicology in Vitro</i> , 2019 , 60, 369-382	3.6	13
69	Chondrocyte apoptosis enhanced at the growth plate: a physeal response to a diaphyseal fracture. <i>Cell and Tissue Research</i> , 2009 , 335, 539-49	4.2	13
68	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, 1159-65	4	13
67	Rod outer segment renewal in the retinae of deep-sea fish. <i>Vision Research</i> , 1996 , 36, 3183-94	2.1	13

66	Oral inhalation for delivery of proteins and peptides to the lungs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 163, 198-211	5.7	13
65	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	6	12
64	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	4.3	12
63	Antitumor effects of arsenic trioxide in transformed human thyroid cells. <i>Thyroid</i> , 2008 , 18, 1183-93	6.2	12
62	Globular domain of adiponectin: promising target molecule for detection of atherosclerotic lesions. <i>Biologics: Targets and Therapy</i> , 2011 , 5, 95-105	4.4	11
61	Immunocytochemical and immunoelectron microscopic demonstration of cathepsin B in human malignant melanoma. <i>British Journal of Dermatology</i> , 1995 , 132, 867-75	4	11
60	Albumin-based nanoparticles as magnetic resonance contrast agents: II. Physicochemical characterisation of purified and standardised nanoparticles. <i>Histochemistry and Cell Biology</i> , 2010 , 134, 171-96	2.4	11
59	Immunoelectron microscopic localization of cathepsin B in human exocrine glands. <i>Journal of Cutaneous Pathology</i> , 1993 , 20, 54-60	1.7	11
58	Nonspecific protein adsorption on cationically modified Lyocell fibers monitored by zeta potential measurements. <i>Carbohydrate Polymers</i> , 2017 , 164, 49-56	10.3	10
57	Hemocompatibility of inhaled environmental nanoparticles: Potential use of in vitro testing. <i>Journal of Hazardous Materials</i> , 2017 , 336, 158-167	12.8	10
56	Peptides at the Interface: Self-Assembly of Amphiphilic Designer Peptides and Their Membrane Interaction Propensity. <i>Biomacromolecules</i> , 2016 , 17, 3591-3601	6.9	10
55	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, R29-41	6.5	10
54	Biological Obstacles for Identifying - Correlations of Orally Inhaled Formulations. <i>Pharmaceutics</i> , 2019 , 11,	6.4	10
53	Proliferation analysis of the growth plate after diaphyseal midshaft fracture by 5Fbromo-2Tdeoxy-uridine. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2010 , 457, 77-85	5.1	10
52	Pro-angiogenic induction of myeloid cells for therapeutic angiogenesis can induce mitogen-activated protein kinase p38-dependent foam cell formation. <i>Cytotherapy</i> , 2011 , 13, 503-12	4.8	9
51	Delivery of Dry Powders to the Lungs: Influence of Particle Attributes from a Biological and Technological Point of View. <i>Current Drug Delivery</i> , 2019 , 16, 180-194	3.2	9
50	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	4.5	9
49	An in vitro and in silico study of the impact of engineered surface modifications on drug detachment from model carriers. <i>International Journal of Pharmaceutics</i> , 2016 , 513, 109-117	6.5	9

48	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. <i>Dose-Response</i> , 2020 , 18, 1559325820914180	2.3	8
47	Enzymatic heterogeneity of bovine retinal pigment epithelial cells in vivo and in vitro 2001 , 239, 25-34		8
46	An automatable platform for genotoxicity testing of nanomaterials based on the fluorometric γ H2AX assay reveals no genotoxicity of properly surface-shielded cadmium-based quantum dots. <i>Nanoscale</i> , 2019 , 11, 13458-13468	7.7	7
45	Effects of retinol on follicular porcine thyrocytes in culture. <i>Journal of Molecular Medicine</i> , 1999 , 77, 189-93	5.3	7
44	Basal lamina formation by porcine thyroid cells grown in collagen- and laminin-deficient medium. <i>The Histochemical Journal</i> , 1995 , 27, 602-608		7
43	Issues with Cancer Spheroid Models in Therapeutic Drug Screening. <i>Current Pharmaceutical Design</i> , 2020 , 26, 2137-2148	3.3	7
42	A novel In Vitro Model for Studying Nanoparticle Interactions with the Small Intestine 2016 , 6, 1-14		6
41	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,	6.4	6
40	Screening for Effects of Inhaled Nanoparticles in Cell Culture Models for Prolonged Exposure. <i>Nanomaterials</i> , 2021 , 11,	5.4	6
39	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	6.5	6
38	Insights into DPI sensitivity to humidity: An integrated in-vitro-in-silico risk-assessment. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 52, 803-817	4.5	5
37	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	2.9	5
36	Regional differences and post-mortem stability of enzymatic activities in the retinal pigment epithelium 2003 , 241, 385-93		5
35	Effects of retinoids on porcine thyrocytes under different culture conditions. <i>The Histochemical Journal</i> , 2001 , 33, 295-304		5
34	Mucus as Physiological Barrier to Intracellular Delivery. <i>Fundamental Biomedical Technologies</i> , 2014 , 139-163		5
33	Therapeutic Potential of Mesenchymal Stem Cells and Their Products in Lung Diseases-Intravenous Administration versus Inhalation. <i>Pharmaceutics</i> , 2021 , 13,	6.4	5
32	First determination of fullerenes in the Austrian market and environment: quantitative analysis and assessment. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 562-571	5.1	4
31	Do antidiabetic medications play a specific role in differentiated thyroid cancer compared to other cancer types?. <i>Diabetes, Obesity and Metabolism</i> , 2012 , 14, 204-13	6.7	4

30	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, 364-6	3.1	4
29	Retinol has specific effects on binding of thyrotrophin to cultured porcine thyrocytes. <i>Journal of Endocrinology</i> , 2004 , 183, 617-26	4.7	4
28	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, 121-4	3.4	4
27	Cytotoxicity screening of emulsifiers for pulmonary application of lipid nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 136, 104968	5.1	3
26	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	6	3
25	In Vitro Assessment of Chronic Nanoparticle Effects on Respiratory Cells 2015 ,		3
24	Titanium dioxide nanoparticles and the oral uptake-route. <i>BioNanoMaterials</i> , 2013 , 14, 25-35		3
23	Glutamine synthetase and marker enzymes of the blood-retina barrier in fetal bovine retinal pigment epithelial cells 2000 , 238, 500-7		3
22	Relationship of sperm acrosin activity to semen and clinical parameters in infertile patients. <i>Andrologia</i> , 1989 , 21, 146-54	2.4	3
21	Prognostic value of B7-H1, B7-H3 and the stage, size, grade and necrosis (SSIGN) score in metastatic clear cell renal cell carcinoma. <i>Central European Journal of Urology</i> , 2019 , 72, 23-31	0.9	3
20	Initial Biological Assessment of Upconversion Nanohybrids. <i>Biomedicines</i> , 2021 , 9,	4.8	3
19	In vitro toxicity screening of polyglycerol esters of fatty acids as excipients for pulmonary formulations. <i>Toxicology and Applied Pharmacology</i> , 2020 , 386, 114833	4.6	3
18	Nanoparticles: Promising Auxiliary Agents for Diagnosis and Therapy of Thyroid Cancers. <i>Cancers</i> , 2021 , 13,	6.6	3
17	Dipeptidyl peptidase II is not a marker for progression in melanoma. <i>Journal of Dermatological Science</i> , 2009 , 53, 68-71	4.3	2
16	Different Sensitivity of Macrophages to Phospholipidosis Induction by Amphiphilic Cationic Drugs. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
15	Effect of differently coated silver nanoparticles on hemostasis. <i>Platelets</i> , 2021 , 32, 651-661	3.6	2
14	Basal lamina formation by porcine thyroid cells grown in collagen- and laminin-deficient medium. <i>The Histochemical Journal</i> , 1995 , 27, 602-8		2
13	Alternatives to Animal Procedures in Drug Development. <i>Journal of Molecular Pharmaceutics & Organic Process Research</i> , 2016 , 4,		1

12	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	4.9	1
11	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	12.8	1
10	New diagnostic and therapeutic tools for thyroid cancer. <i>International Journal of Endocrinology</i> , 2013 , 2013, 312378	2.7	1
9	Efficiency of various dissociation methods for the preparation of thyroid single cell suspensions. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1995 , 103, 308-16	2.3	1
8	Bitter taste in silico: A review on virtual ligand screening and characterization methods for TAS2R-bitterant interactions. <i>International Journal of Pharmaceutics</i> , 2021 , 600, 120486	6.5	1
7	Understanding and Preventing Adverse Effects of Tacrolimus Metabolization in Transplant Patients. <i>Current Drug Metabolism</i> , 2019 , 20, 1039-1040	3.5	1
6	Drug combination screening as a translational approach toward an improved drug therapy for chordoma. <i>Cellular Oncology (Dordrecht)</i> , 2021 , 44, 1231-1242	7.2	1
5	Thiolated Chitosan Conjugated Liposomes for Oral Delivery of Selenium Nanoparticles.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	1
4	Non-Cellular Layers of the Respiratory Tract: Protection against Pathogens and Target for Drug Delivery. <i>Pharmaceutics</i> , 2022 , 14, 992	6.4	1
3	Replacement Strategies for Animal Studies in Inhalation Testing. <i>Sci</i> , 2021 , 3, 45	0.7	0
2	Important Parameters in Cytotoxicity Testing of Nanoparticles. <i>Scientia Pharmaceutica</i> , 2010 , 78, 575-575	4.3	
1	Analogies in the Adverse Immune Effects of Wear Particles, Environmental Particles, and Medicinal Nanoparticles 2014 , 317-348		