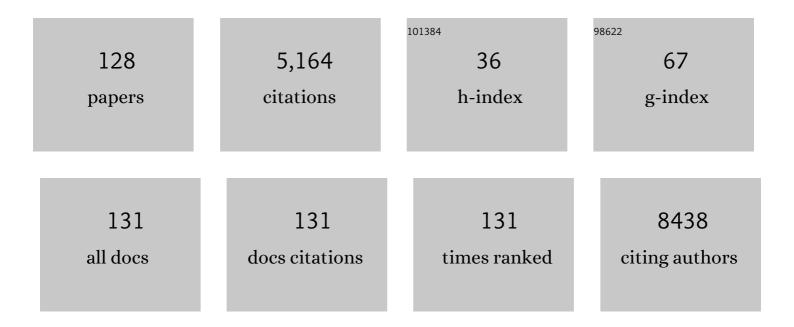
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Physiological and histopathological alterations in male Swiss mice after exposure to titanium dioxide (anatase) and zinc oxide nanoparticles and their binary mixture. Drug and Chemical Toxicology, 2022, 45, 1188-1213.	1.2	5
2	Versailles project on advanced materials and standards (VAMAS) interlaboratory study on measuring the number concentration of colloidal gold nanoparticles. Nanoscale, 2022, 14, 4690-4704.	2.8	15
3	Maximizing the relevance and reproducibility of A549 cell culture using FBS-free media. Toxicology in Vitro, 2022, 83, 105423.	1.1	8
4	Comparison of the biological impact of aerosol of e-vapor device with MESH® technology and cigarette smoke on human bronchial and alveolar cultures. Toxicology Letters, 2021, 337, 98-110.	0.4	7
5	Sub-chronic effects of AgNPs and AuNPs on Gammarus fossarum (Crustacea Amphipoda): From molecular to behavioural responses. Ecotoxicology and Environmental Safety, 2021, 210, 111775.	2.9	14
6	Safety assessment of titanium dioxide (E171) as a food additive. EFSA Journal, 2021, 19, e06585.	0.9	93
7	Alteration of sperm parameters and reproductive hormones in Swiss mice via oxidative stress after coâ€exposure to titanium dioxide and zinc oxide nanoparticles. Andrologia, 2020, 52, e13758.	1.0	25
8	Risk Governance of Emerging Technologies Demonstrated in Terms of its Applicability to Nanomaterials. Small, 2020, 16, e2003303.	5.2	28
9	Improving Quality in Nanoparticle-Induced Cytotoxicity Testing by a Tiered Inter-Laboratory Comparison Study. Nanomaterials, 2020, 10, 1430.	1.9	11
10	Exposure to Toxoplasma gondii in Marine Otters (Lontra felina) and Domestic Cats (Felis catus) in an Arid Environment in Chile. Journal of Wildlife Diseases, 2020, 56, 962-964.	0.3	4
11	The effect of PEGylated iron oxide nanoparticles on sheep ovarian tissue: An ex-vivo nanosafety study. Heliyon, 2020, 6, e04862.	1.4	6
12	Biological effects of allergen–nanoparticle conjugates: uptake and immune effects determined on hAELVi cells under submerged <i>vs.</i> air–liquid interface conditions. Environmental Science: Nano, 2020, 7, 2073-2086.	2.2	9
13	The Food Matrix and the Gastrointestinal Fluids Alter the Features of Silver Nanoparticles. Small, 2020, 16, e1907687.	5.2	28
14	Redox metabolism modulation as a mechanism in SSRI toxicity and pharmacological effects. Archives of Toxicology, 2020, 94, 1417-1441.	1.9	8
15	Soluble silver ions from silver nanoparticles induce a polarised secretion of interleukin-8 in differentiated Caco-2 cells. Toxicology Letters, 2020, 325, 14-24.	0.4	13
16	Pro-inflammatory effects of crystalline- and nano-sized non-crystalline silica particles in a 3D alveolar model. Particle and Fibre Toxicology, 2020, 17, 13.	2.8	42
17	Virtual Summer School: Alternative methods and models in science: A multidisciplinary in vitro approach. ALTEX: Alternatives To Animal Experimentation, 2020, 37, 500-502.	0.9	0
18	Combined hazard assessment of mycotoxins and their modified forms applying relative potency factors: Zearalenone and T2/HT2 toxin. Food and Chemical Toxicology, 2019, 131, 110599.	1.8	33

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19	Genetic and systemic toxicity induced by silver and copper oxide nanoparticles, and their mixture in Clarias gariepinus (Burchell, 1822). Environmental Science and Pollution Research, 2019, 26, 27470-27481.	2.7	18
20	Xenopus laevis as a Bioindicator of Endocrine Disruptors in the Region of Central Chile. Archives of Environmental Contamination and Toxicology, 2019, 77, 390-408.	2.1	6
21	Evaluation of cytogenotoxicity and oxidative stress parameters in male Swiss mice co-exposed to titanium dioxide and zinc oxide nanoparticles. Environmental Toxicology and Pharmacology, 2019, 70, 103204.	2.0	34
22	In vitro exposure of a 3D-tetraculture representative for the alveolar barrier at the air-liquid interface to silver particles and nanowires. Particle and Fibre Toxicology, 2019, 16, 14.	2.8	33
23	Changes in protein expression in mussels Mytilus galloprovincialis dietarily exposed to PVP/PEI coated silver nanoparticles at different seasons. Aquatic Toxicology, 2019, 210, 56-68.	1.9	26
24	How complex should an in vitro model be? Evaluation of complex 3D alveolar model with transcriptomic data and computational biological network models. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 388-402.	0.9	10
25	An in vitro coculture system for the detection of sensitization following aerosol exposure. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 403-418.	0.9	12
26	Estrogenic and antiâ€estrogenic activity of butylparaben, butylated hydroxyanisole, butylated hydroxytoluene and propyl gallate and their binary mixtures on two estrogen responsive cell lines (T47Dâ€Kbluc, MCFâ€7). Journal of Applied Toxicology, 2018, 38, 944-957.	1.4	30
27	Air–Liquid Interface <i>In Vitro</i> Models for Respiratory Toxicology Research: Consensus Workshop and Recommendations. Applied in Vitro Toxicology, 2018, 4, 91-106.	0.6	138
28	Silver ions are responsible for memory impairment induced by oral administration of silver nanoparticles. Toxicology Letters, 2018, 290, 133-144.	0.4	40
29	Respiratory sensitization: toxicological point of view on the available assays. Archives of Toxicology, 2018, 92, 803-822.	1.9	31
30	Fate and effects of silver nanoparticles on early life-stage development of zebrafish (Danio rerio) in comparison to silver nitrate. Science of the Total Environment, 2018, 610-611, 972-982.	3.9	35
31	Appropriateness to set a group healthâ€based guidance value for fumonisins and their modified forms. EFSA Journal, 2018, 16, e05172.	0.9	45
32	Identification of reference genes for RT-qPCR data normalization in Gammarus fossarum (Crustacea) Tj ETQqQ) 0 0 rgBT /0 £6	verlock 10 Tf
33	Protecting the child while preserving the relationship: Using baby's relational withdrawal to gauge the effect of parental visitation. PLoS ONE, 2018, 13, e0196685.	1.1	3
34	Do the pristine physico-chemical properties of silver and gold nanoparticles influence uptake and molecular effects on Gammarus fossarum (Crustacea Amphipoda)?. Science of the Total Environment, 2018, 643, 1200-1215.	3.9	31
35	Responsiveness assessment of a 3D tetra-culture alveolar model exposed to diesel exhaust particulate matter. Toxicology in Vitro, 2018, 53, 67-79.	1.1	15
36	Lipophilic components of diesel exhaust particles induce pro-inflammatory responses in human endothelial cells through AhR dependent pathway(s). Particle and Fibre Toxicology, 2018, 15, 21.	2.8	52

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37	IN VITRO CELLULAR MODELS, A RESOURCEFUL TOOL IN RESPIRATORY TOXICOLOGY. Farmacia, 2018, 66, 573-580.	0.1	5
38	Appropriateness to set a group health based guidance value for T2 and HT2 toxin and its modified forms. EFSA Journal, 2017, 15, e04655.	0.9	37
39	Influence of Size and Shape on the Anatomical Distribution of Endotoxin-Free Gold Nanoparticles. ACS Nano, 2017, 11, 5519-5529.	7.3	131
40	Endothelial responses of the alveolar barrier in vitro in a dose-controlled exposure to diesel exhaust particulate matter. Particle and Fibre Toxicology, 2017, 14, 7.	2.8	51
41	Time-dependent effects of perfluorinated compounds on viability in cerebellar granule neurons: Dependence on carbon chain length and functional group attached. NeuroToxicology, 2017, 63, 70-83.	1.4	35
42	Benchmark of Nanoparticle Tracking Analysis on Measuring Nanoparticle Sizing and Concentration. Journal of Micro and Nano-Manufacturing, 2017, 5, .	0.8	30
43	Appropriateness to set a group health based guidance value for nivalenol and its modified forms. EFSA Journal, 2017, 15, e04751.	0.9	20
44	Inhibition of multixenobiotic resistance transporters (MXR) by silver nanoparticles and ions in vitro and in Daphnia magna. Science of the Total Environment, 2016, 569-570, 681-689.	3.9	25
45	Dataset of liver proteins of eu- and hypothyroid rats affected in abundance by any of three factors: in vivo exposure to hexabromocyclododecane (HBCD), thyroid status, gender differences. Data in Brief, 2016, 8, 1344-1347.	0.5	2
46	Gender specific differences in the liver proteome of rats exposed to short term and low-concentration hexabromocyclododecane (HBCD). Toxicology Research, 2016, 5, 1273-1283.	0.9	11
47	Gammarus fossarum (Crustacea, Amphipoda) as a model organism to study the effects of silver nanoparticles. Science of the Total Environment, 2016, 566-567, 1649-1659.	3.9	35
48	Dataset of liver proteins changed in eu- and hypothyroid female rats upon in vivo exposure to hexabromocyclododecane (HBCD). Data in Brief, 2016, 7, 386-392.	0.5	1
49	Dose-dependent autophagic effect of titanium dioxide nanoparticles in human HaCaT cells at non-cytotoxic levels. Journal of Nanobiotechnology, 2016, 14, 22.	4.2	101
50	Silver nanoparticles impact the functional role of Gammarus roeseli (Crustacea Amphipoda). Environmental Pollution, 2016, 208, 608-618.	3.7	27
51	Hexabromocyclododecane (HBCD) induced changes in the liver proteome of eu- and hypothyroid female rats. Toxicology Letters, 2016, 245, 40-51.	0.4	24
52	Individual and combined in vitro (anti)androgenic effects of certain food additives and cosmetic preservatives. Toxicology in Vitro, 2016, 32, 269-277.	1.1	20
53	Proteomics in toxicology — Added value or waste of energies?. Journal of Proteomics, 2016, 137, 1-2.	1.2	2
54	Impact of Endocrine Disruptors on the Thyroid Hormone System. Hormone Research in Paediatrics, 2016, 86, 271-278.	0.8	28

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55	Proteomic approach to nanotoxicity. Journal of Proteomics, 2016, 137, 35-44.	1.2	49
56	Effects of silver nanoparticles and ions on a co-culture model for the gastrointestinal epithelium. Particle and Fibre Toxicology, 2015, 13, 9.	2.8	99
57	Fish consumption patterns and hair mercury levels in children and their mothers in 17 EU countries. Environmental Research, 2015, 141, 58-68.	3.7	107
58	Tailoring the optical properties of ZnO nano-layers and their effect on in vitro biocompatibility. RSC Advances, 2015, 5, 97635-97647.	1.7	8
59	Gender differences in cadmium and cotinine levels in prepubertal children. Environmental Research, 2015, 141, 125-131.	3.7	4
60	Nanoparticles in food. Epigenetic changes induced by nanomaterials and possible impact on health. Food and Chemical Toxicology, 2015, 77, 64-73.	1.8	116
61	Environmentally Friendly Preparation of Gold and Silver Nanoparticles for Sers Applications Using Biopolymer Pectin. Journal of Applied Spectroscopy, 2015, 81, 962-968.	0.3	16
62	Detection of multiple mycotoxin occurrences in soy animal feed by traditional mycological identification combined with molecular species identification. Toxicology Reports, 2015, 2, 275-279.	1.6	29
63	A pilot study on the feasibility of European harmonized human biomonitoring: Strategies towards a common approach, challenges and opportunities. Environmental Research, 2015, 141, 3-14.	3.7	33
64	Lessons learnt on recruitment and fieldwork from a pilot European human biomonitoring survey. Environmental Research, 2015, 141, 15-23.	3.7	18
65	First Steps toward Harmonized Human Biomonitoring in Europe: Demonstration Project to Perform Human Biomonitoring on a European Scale. Environmental Health Perspectives, 2015, 123, 255-263.	2.8	168
66	Policy recommendations and cost implications for a more sustainable framework for European human biomonitoring surveys. Environmental Research, 2015, 141, 42-57.	3.7	14
67	Case study: Possible differences in phthalates exposure among the Czech, Hungarian, and Slovak populations identified based on the DEMOCOPHES pilot study results. Environmental Research, 2015, 141, 118-124.	3.7	25
68	Exposure determinants of cadmium in European mothers and their children. Environmental Research, 2015, 141, 69-76.	3.7	64
69	Communication in a Human biomonitoring study: Focus group work, public engagement and lessons learnt in 17 European countries. Environmental Research, 2015, 141, 31-41.	3.7	25
70	Urinary BPA measurements in children and mothers from six European member states: Overall results and determinants of exposure. Environmental Research, 2015, 141, 77-85.	3.7	143
71	Interpreting biomarker data from the COPHES/DEMOCOPHES twin projects: Using external exposure data to understand biomarker differences among countries. Environmental Research, 2015, 141, 86-95.	3.7	25
72	Toward a comprehensive and realistic risk evaluation of engineered nanomaterials in the urban water system. Frontiers in Chemistry, 2014, 2, 39.	1.8	20

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73	In Utero Exposure to Environmentally Relevant Concentrations of PCB 153 and PCB 118 Disrupts Fetal Testis Development in Sheep. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 628-649.	1.1	13
74	Initial sample extract stock concentration affects in vitro bioassay-based toxicological risk characterization. Journal of Soils and Sediments, 2014, 14, 1200-1212.	1.5	1
75	The Added Value of Proteomics for Toxicological Studies. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2014, 17, 225-246.	2.9	11
76	Ag nanoparticles: size- and surface-dependent effects on model aquatic organisms and uptake evaluation with NanoSIMS. Nanotoxicology, 2013, 7, 1168-1178.	1.6	53
77	Identification and localization of nanoparticles in tissues by mass spectrometry. Surface and Interface Analysis, 2013, 45, 230-233.	0.8	27
78	Fetal adrenal development: Comparing effects of combined exposures to PCB 118 and PCB 153 in a sheep model. Environmental Toxicology, 2013, 28, 164-177.	2.1	12
79	An improved 3D tetraculture system mimicking the cellular organisation at the alveolar barrier to study the potential toxic effects of particles on the lung. Particle and Fibre Toxicology, 2013, 10, 31.	2.8	147
80	Mechanism-based testing strategy using in vitro approaches for identification of thyroid hormone disrupting chemicals. Toxicology in Vitro, 2013, 27, 1320-1346.	1.1	165
81	Persistent Toxic Burdens of Halogenated Phenolic Compounds in Humans and Wildlife. Environmental Science & amp; Technology, 2013, 47, 6071-6081.	4.6	84
82	Interlaboratory comparison of size measurements on nanoparticles using nanoparticle tracking analysis (NTA). Journal of Nanoparticle Research, 2013, 15, 2101.	0.8	163
83	Metabolic Activation of Nonpolar Sediment Extracts Results in Enhanced Thyroid Hormone Disrupting Potency. Environmental Science & amp; Technology, 2013, 47, 130716143653008.	4.6	3
84	The bio-nano-interface in predicting nanoparticle fate and behaviour in living organisms: towards grouping and categorising nanomaterials and ensuring nanosafety by design. BioNanoMaterials, 2013, 14, .	1.4	27
85	Differently Environment Stable Bio-Silver Nanoparticles: Study on Their Optical Enhancing and Antibacterial Properties. PLoS ONE, 2013, 8, e77043.	1.1	34
86	New Approaches to Assess the Transthyretin Binding Capacity of Bioactivated Thyroid Hormone Disruptors. Toxicological Sciences, 2012, 130, 94-105.	1.4	45
87	NanoSIMS50 — a powerful tool to elucidate cellular localization of halogenated organic compounds. Analytical and Bioanalytical Chemistry, 2012, 404, 2693-2698.	1.9	11
88	Atrazine and PCB 153 and their effects on the proteome of subcellular fractions of human MCF-7 cells. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 833-841.	1.1	23
89	Size-Controlled Green Synthesis of Silver Nanoparticles using Dual Functional Plant Leaf Extract at Room Temperature. International Journal of Green Nanotechnology, 2012, 4, 310-325.	0.3	6
90	<i>In utero</i> and lactational exposure to PCB 118 and PCB 153 alter ovarian follicular dynamics and GnRHâ€induced luteinizing hormone secretion in female lambs. Environmental Toxicology, 2012, 27, 623-634.	2.1	20

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91	The Health and Environment Network and its achievements. Environmental Health, 2012, 11, S1.	1.7	2
92	Nanoparticles in the environment: assessment using the causal diagram approach. Environmental Health, 2012, 11, S13.	1.7	126
93	We're only in it for the knowledge? A problem solving turn in environment and health expert elicitation. Environmental Health, 2012, 11, S3.	1.7	14
94	Policy relevant results from an expert elicitation on the health risks of phthalates. Environmental Health, 2012, 11, S6.	1.7	15
95	Policy relevant Results from an Expert Elicitation on the Human Health Risks of Decabromodiphenyl ether (decaBDE) and Hexabromocyclododecane (HBCD). Environmental Health, 2012, 11, S7.	1.7	11
96	Modeling, Measuring, and Characterizing Airborne Particles: Case Studies From Southwestern Luxembourg. Critical Reviews in Environmental Science and Technology, 2011, 41, 2077-2096.	6.6	4
97	Toxicity of Silver Nanomaterials in Higher Eukaryotes. Advances in Molecular Toxicology, 2011, 5, 179-218.	0.4	82
98	Effects of pre- and postnatal polychlorinated biphenyl exposure on emotional reactivity observed in lambs before weaning. Ecotoxicology and Environmental Safety, 2011, 74, 1396-1401.	2.9	11
99	Potential of coculture in vitro models to study inflammatory and sensitizing effects of particles on the lung. Toxicology in Vitro, 2011, 25, 1516-1534.	1.1	70
100	Potential of In Vitro Methods for Mechanistic Studies of Particulate Matter–Induced Cardiopulmonary Toxicity. Critical Reviews in Environmental Science and Technology, 2011, 41, 1971-2002.	6.6	9
101	Polychlorinated Biphenyls and Reproductive Performance in Otters From the Norwegian Coast. Archives of Environmental Contamination and Toxicology, 2010, 59, 652-660.	2.1	6
102	Distribution of PCB 118 and PCB 153 and hydroxylated PCB metabolites (OH-CBs) in maternal, fetal and lamb tissues of sheep exposed during gestation and lactation. Chemosphere, 2010, 80, 1144-1150.	4.2	28
103	Effects on bone tissue in ewes (Ovies aries) and their foetuses exposed to PCB 118 and PCB 153. Toxicology Letters, 2010, 192, 126-133.	0.4	22
104	In Vitro Assay Shows That PCB Metabolites Completely Saturate Thyroid Hormone Transport Capacity in Blood of Wild Polar Bears (<i>Ursus maritimus</i>). Environmental Science & Technology, 2010, 44, 3149-3154.	4.6	77
105	Chemical contaminants in fish species from rivers in the North of Luxembourg: Potential impact on the Eurasian otter (Lutra lutra). Chemosphere, 2010, 78, 785-792.	4.2	54
106	Food Toxicity Characterization Using In Vitro Bioassay Effect-Directed Analysis. Current Nutrition and Food Science, 2010, 6, 70-77.	0.3	1
107	Altered Stress-Induced Cortisol Levels in Goats Exposed to Polychlorinated Biphenyls (PCB 126 and) Tj ETQq1 1 (Part A: Current Issues, 2009, 72, 164-172.	0.784314 1.1	rgBT /Overlo 38
108	Effects of the Endocrine Disruptors Atrazine and PCB 153 on the Protein Expression of MCF-7 Human Cells. Journal of Proteome Research, 2009, 8, 5485-5496.	1.8	94

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109	Reproductive and Developmental Toxicity of Phthalates. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2009, 12, 225-249.	2.9	455
110	Establishing the foundation for an applied molecular taxonomy of otters in Southeast Asia. Conservation Genetics, 2008, 9, 1589-1604.	0.8	33
111	HENVINET—Health and environment network. Toxicology Letters, 2008, 180, S30.	0.4	0
112	A synchronized amphibian metamorphosis assay as an improved tool to detect thyroid hormone disturbance by endocrine disruptors and apolar sediment extracts. Chemosphere, 2007, 70, 93-100.	4.2	30
113	Delayed effects of environmentally relevant concentrations of 3,3′,4,4′-tetrachlorobiphenyl (PCB-77) and non-polar sediment extracts detected in the prolonged-FETAX. Science of the Total Environment, 2007, 381, 307-315.	3.9	23
114	T-screen to quantify functional potentiating, antagonistic and thyroid hormone-like activities of poly halogenated aromatic hydrocarbons (PHAHs). Toxicology in Vitro, 2006, 20, 490-498.	1.1	79
115	Rocket immunoelectrophoresis and ELISA as complementary methods for the detection of casein in foods?. Food and Agricultural Immunology, 2005, 16, 83-90.	0.7	7
116	T-Screen as a tool to identify thyroid hormone receptor active compounds. Environmental Toxicology and Pharmacology, 2005, 19, 231-238.	2.0	74
117	Identification of cytotoxic principles from Fusarium avenaceum using bioassay-guided fractionation. Toxicon, 2005, 46, 150-159.	0.8	24
118	Moniliformin in Norwegian grain. Food Additives and Contaminants, 2004, 21, 598-606.	2.0	53
119	Cytotoxicity assays for mycotoxins produced by Fusarium strains: a review. Environmental Toxicology and Pharmacology, 2002, 11, 309-320.	2.0	195
120	Heavy Metal Concentrations in Fish from a Pristine Rainforest Valley in Peru: A Baseline Study Before the Start of Oil-Drilling Activities. Bulletin of Environmental Contamination and Toxicology, 2002, 69, 523-529.	1.3	16
121	Latex laboratory-gloves: an unexpected pitfall in amphibian toxicity assays with tadpoles. Environmental Toxicology and Pharmacology, 2001, 10, 119-121.	2.0	15
122	Effects of oral exposure to polychlorinated biphenyls (PCBs) on the development and metamorphosis of two amphibian species (Xenopus laevis and Rana temporaria). Science of the Total Environment, 2000, 262, 147-157.	3.9	62
123	Delayed effects of pre- and early-life time exposure to polychlorinated biphenyls on tadpoles of two amphibian species (Xenopus laevis and Rana temporaria). Environmental Toxicology and Pharmacology, 1999, 8, 1-14.	2.0	63
124	Title is missing!. Water, Air, and Soil Pollution, 1998, 106, 481-491.	1.1	17
125	Heavy Metal Concentrations in Livers and Kidneys of the Otter (Lutra lutra) from Central Europe. Bulletin of Environmental Contamination and Toxicology, 1998, 60, 273-279.	1.3	37
126	Yellow snow and red deer: Do urinary metabolites reflect anthropogenic influences?. Ecoscience, 1997, 4, 29-34.	0.6	2

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127	Forensics on wild animals: Differentiation between otter and pheasant blood using electrophoretic methods. Electrophoresis, 1995, 16, 865-868.	1.3	1
128	Two-dimensional electrophoresis for the study of blood/serum proteins of the otter, an endangered species. Electrophoresis, 1995, 16, 1193-1198.	1.3	1