

Robert A Yokel

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159
papers

7,836
citations

47
h-index

85
g-index

169
ext. papers

8,452
ext. citations

4.9
avg, IF

6.06
L-index

#	Paper	IF	Citations
159	Human health risk assessment for aluminium, aluminium oxide, and aluminium hydroxide. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2007 , 10 Suppl 1, 1-269	8.6	559
158	Increased lever pressing for amphetamine after pimozide in rats: implications for a dopamine theory of reward. <i>Science</i> , 1975 , 187, 547-9	33.3	465
157	Systematic review of potential health risks posed by pharmaceutical, occupational and consumer exposures to metallic and nanoscale aluminum, aluminum oxides, aluminum hydroxide and its soluble salts. <i>Critical Reviews in Toxicology</i> , 2014 , 44 Suppl 4, 1-80	5.7	342
156	Attenuation of intravenous amphetamine reinforcement by central dopamine blockade in rats. <i>Psychopharmacology</i> , 1976 , 48, 311-8	4.7	308
155	Both positive reinforcement and conditioned aversion from amphetamine and from apomorphine in rats. <i>Science</i> , 1976 , 191, 1273-5	33.3	281
154	Comparison of cell uptake, biodistribution and tumor retention of folate-coated and PEG-coated gadolinium nanoparticles in tumor-bearing mice. <i>Journal of Controlled Release</i> , 2004 , 95, 613-26	11.7	252
153	Aluminium toxicokinetics: an updated minireview. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2001 , 88, 159-67		213
152	Blood-brain barrier flux of aluminum, manganese, iron and other metals suspected to contribute to metal-induced neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2006 , 10, 223-53	4.3	197
151	Manufactured aluminum oxide nanoparticles decrease expression of tight junction proteins in brain vasculature. <i>Journal of NeuroImmune Pharmacology</i> , 2008 , 3, 286-95	6.9	184
150	Amphetamine- type reinforcement by dopaminergic agonists in the rat. <i>Psychopharmacology</i> , 1978 , 58, 289-96	4.7	156
149	Drug level of d- and l-amphetamine during intravenous self-administration. <i>Psychopharmacology</i> , 1974 , 34, 255-64	4.7	153
148	Aluminum bioavailability from basic sodium aluminum phosphate, an approved food additive emulsifying agent, incorporated in cheese. <i>Food and Chemical Toxicology</i> , 2008 , 46, 2261-6	4.7	131
147	Manganese distribution across the blood-brain barrier. I. Evidence for carrier-mediated influx of manganese citrate as well as manganese and manganese transferrin. <i>NeuroToxicology</i> , 2003 , 24, 3-13	4.4	130
146	Engineered nanomaterials: exposures, hazards, and risk prevention. <i>Journal of Occupational Medicine and Toxicology</i> , 2011 , 6, 7	2.7	129
145	Aluminum chelation principles and recent advances. <i>Coordination Chemistry Reviews</i> , 2002 , 228, 97-113	23.2	127
144	Distribution, elimination, and biopersistence to 90 days of a systemically introduced 30 nm ceria-engineered nanomaterial in rats. <i>Toxicological Sciences</i> , 2012 , 127, 256-68	4.4	98
143	The speciation of metals in mammals influences their toxicokinetics and toxicodynamics and therefore human health risk assessment. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2006 , 9, 63-85	8.6	97

142	Manganese flux across the blood-brain barrier. <i>NeuroMolecular Medicine</i> , 2009 , 11, 297-310	4.6	92
141	Intranasal drug delivery of didanosine-loaded chitosan nanoparticles for brain targeting; an attractive route against infections caused by AIDS viruses. <i>Journal of Drug Targeting</i> , 2010 , 18, 381-8	5.4	90
140	Aluminum exposure and metabolism. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 1997 , 34, 439-74	9.4	89
139	The Yin: An adverse health perspective of nanoceria: uptake, distribution, accumulation, and mechanisms of its toxicity. <i>Environmental Science: Nano</i> , 2014 , 1, 406-428	7.1	88
138	Brain distribution and toxicological evaluation of a systemically delivered engineered nanoscale ceria. <i>Toxicological Sciences</i> , 2010 , 116, 562-76	4.4	87
137	Manganese distribution across the blood-brain barrier III. The divalent metal transporter-1 is not the major mechanism mediating brain manganese uptake. <i>NeuroToxicology</i> , 2004 , 25, 451-60	4.4	86
136	Biodistribution and oxidative stress effects of a systemically-introduced commercial ceria engineered nanomaterial. <i>Nanotoxicology</i> , 2009 , 3, 234-248	5.3	85
135	Aluminium content of some foods and food products in the USA, with aluminium food additives. <i>Food Additives and Contaminants</i> , 2005 , 22, 234-44		82
134	The pharmacokinetics and blood-brain barrier permeation of the chelators 1,2 dimethyl-, 1,2 diethyl-, and 1-[ethan-1S ₂]-2-methyl-3-hydroxypyridin-4-one in the rat. <i>Toxicology</i> , 1996 , 108, 191-9	4.4	78
133	The distribution of aluminum into and out of the brain. <i>Journal of Inorganic Biochemistry</i> , 1999 , 76, 127-32	4.2	77
132	Brain uptake, retention, and efflux of aluminum and manganese. <i>Environmental Health Perspectives</i> , 2002 , 110 Suppl 5, 699-704	8.4	76
131	Biodistribution and biopersistence of ceria engineered nanomaterials: size dependence. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013 , 9, 398-407	6	75
130	Entry, half-life, and desferrioxamine-accelerated clearance of brain aluminum after a single (26)Al exposure. <i>Toxicological Sciences</i> , 2001 , 64, 77-82	4.4	73
129	Alteration of hepatic structure and oxidative stress induced by intravenous nanoceria. <i>Toxicology and Applied Pharmacology</i> , 2012 , 260, 173-82	4.6	70
128	Interactions between SIRT1 and AP-1 reveal a mechanistic insight into the growth promoting properties of alumina (Al ₂ O ₃) nanoparticles in mouse skin epithelial cells. <i>Carcinogenesis</i> , 2008 , 29, 1920-9	4.6	70
127	Aluminum facilitation of iron-mediated lipid peroxidation is dependent on substrate, pH and aluminum and iron concentrations. <i>Archives of Biochemistry and Biophysics</i> , 1996 , 327, 222-6	4.1	68
126	RNA nanoparticle as a vector for targeted siRNA delivery into glioblastoma mouse model. <i>Oncotarget</i> , 2015 , 6, 14766-76	3.3	68
125	Correlation of R2 with total iron concentration in the brains of rhesus monkeys. <i>Journal of Magnetic Resonance Imaging</i> , 2005 , 21, 118-27	5.6	66

124	Intraneuronal aluminum potentiates iron-induced oxidative stress in cultured rat hippocampal neurons. <i>Brain Research</i> , 1996 , 743, 271-7	3.7	66
123	Aluminum bioavailability and disposition in adult and immature rabbits. <i>Toxicology and Applied Pharmacology</i> , 1985 , 77, 344-52	4.6	64
122	Manganese distribution across the blood-brain barrier. IV. Evidence for brain influx through store-operated calcium channels. <i>NeuroToxicology</i> , 2005 , 26, 297-307	4.4	63
121	Aluminum bioavailability from the approved food additive leavening agent acidic sodium aluminum phosphate, incorporated into a baked good, is lower than from water. <i>Toxicology</i> , 2006 , 227, 86-93	4.4	63
120	Aluminum chelation: chemistry, clinical, and experimental studies and the search for alternatives to desferrioxamine. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1994 , 41, 131-74 ^{3.2}	3.2	62
119	In Vivo Processing of Ceria Nanoparticles inside Liver: Impact on Free-Radical Scavenging Activity and Oxidative Stress. <i>ChemPlusChem</i> , 2014 , 79, 1083-1088	2.8	56
118	Silver nanoparticles induce tight junction disruption and astrocyte neurotoxicity in a rat blood-brain barrier primary triple coculture model. <i>International Journal of Nanomedicine</i> , 2015 , 10, 6105-18	7.3	56
117	Toxicity of gestational aluminum exposure to the maternal rabbit and offspring. <i>Toxicology and Applied Pharmacology</i> , 1985 , 79, 121-33	4.6	53
116	PREVENTION AND TREATMENT OF ALUMINUM TOXICITY INCLUDING CHELATION THERAPY: STATUS AND RESEARCH NEEDS. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1996 , 48, 667-684	3.2	52
115	Toxicity of aluminum exposure to the neonatal and immature rabbit. <i>Fundamental and Applied Toxicology</i> , 1987 , 9, 795-806		51
114	Aluminum citrate uptake by immortalized brain endothelial cells: implications for its blood-brain barrier transport. <i>Brain Research</i> , 2002 , 930, 101-10	3.7	50
113	Aluminum bioavailability from drinking water is very low and is not appreciably influenced by stomach contents or water hardness. <i>Toxicology</i> , 2001 , 161, 93-101	4.4	48
112	Alternating magnetic field-induced hyperthermia increases iron oxide nanoparticle cell association/uptake and flux in blood-brain barrier models. <i>Pharmaceutical Research</i> , 2015 , 32, 1615-25	4.5	47
111	Antipyrine as a dialyzable reference to correct differences in efficiency among and within sampling devices during in vivo microdialysis. <i>Journal of Pharmacological and Toxicological Methods</i> , 1992 , 27, 135-42 ^{1.7}	1.7	47
110	Intravenous Self-Administration: Response Rates, the Effects of Pharmacological Challenges, and Drug Preference 1987 , 1-33		47
109	The chemical species of aluminum influences its paracellular flux across and uptake into Caco-2 cells, a model of gastrointestinal absorption. <i>Toxicological Sciences</i> , 2005 , 87, 15-26	4.4	46
108	Dissimilar aluminum and gallium permeation of the blood-brain barrier demonstrated by in vivo microdialysis. <i>Journal of Neurochemistry</i> , 1992 , 58, 903-8	6	46
107	Manganese distribution across the blood-brain barrier. II. Manganese efflux from the brain does not appear to be carrier mediated. <i>NeuroToxicology</i> , 2003 , 24, 15-22	4.4	45

106	Biokinetics of Nanomaterials: the Role of Biopersistence. <i>NanoImpact</i> , 2017 , 6, 69-80	5.6	44
105	Influence of renal impairment, chemical form, and serum protein binding on intravenous and oral aluminum kinetics in the rabbit. <i>Toxicology and Applied Pharmacology</i> , 1988 , 95, 32-43	4.6	44
104	An aluminum-induced increase in GFAP is attenuated by some chelators. <i>Neurotoxicology and Teratology</i> , 1998 , 20, 55-60	3.9	43
103	Aluminum bioavailability from tea infusion. <i>Food and Chemical Toxicology</i> , 2008 , 46, 3659-63	4.7	43
102	Aluminum distribution into brain and liver of rats and rabbits following intravenous aluminum lactate or citrate: a microdialysis study. <i>Toxicology and Applied Pharmacology</i> , 1991 , 107, 153-63	4.6	43
101	Concurrent intracranial self-stimulation and amphetamine self-administration in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1977 , 7, 459-61	3.9	42
100	Ceria-engineered nanomaterial distribution in, and clearance from, blood: size matters. <i>Nanomedicine</i> , 2012 , 7, 95-110	5.6	40
99	The influence of citrate, maltolate and fluoride on the gastrointestinal absorption of aluminum at a drinking water-relevant concentration: A 26Al and 14C study. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 798-808	4.2	39
98	The neurotoxic potential of engineered nanomaterials. <i>NeuroToxicology</i> , 2012 , 33, 902-10	4.4	38
97	Rat brain pro-oxidant effects of peripherally administered 5 nm ceria 30 days after exposure. <i>NeuroToxicology</i> , 2012 , 33, 1147-55	4.4	37
96	Aluminum citrate is transported from brain into blood via the monocarboxylic acid transporter located at the blood-brain barrier. <i>Toxicology</i> , 1997 , 120, 89-97	4.4	36
95	Aluminum produces age related behavioral toxicity in the rabbit. <i>Neurotoxicology and Teratology</i> , 1989 , 11, 237-42	3.9	36
94	Toxicity of aluminum exposure during lactation to the maternal and suckling rabbit. <i>Toxicology and Applied Pharmacology</i> , 1984 , 75, 35-43	4.6	36
93	The hexadentate hydroxypyridinonate TREN-(Me-3,2-HOPO) is a more orally active iron chelator than its bidentate analogue. <i>Journal of Pharmaceutical Sciences</i> , 2000 , 89, 545-55	3.9	35
92	Elevated aluminum persists in serum and tissues of rabbits after a six-hour infusion. <i>Toxicology and Applied Pharmacology</i> , 1989 , 99, 133-8	4.6	32
91	Studies of aluminum neurobehavioral toxicity in the intact mammal. <i>Cellular and Molecular Neurobiology</i> , 1994 , 14, 791-808	4.6	31
90	Evidence for energy-dependent transport of aluminum out of brain extracellular fluid. <i>Toxicology</i> , 1995 , 98, 31-9	4.4	30
89	4-Trimethylammonium antipyrine: a quaternary ammonium nonradionuclide marker for blood-brain barrier integrity during in vivo microdialysis. <i>Journal of Pharmacological and Toxicological Methods</i> , 1992 , 28, 129-35	1.7	29

88	Abuse and pulmonary complications of injecting pentazocine and tripeleennamine tablets. <i>Clinical Toxicology</i> , 1979 , 14, 301-6		29
87	Evaluation of 3,4-Hydroxypyridinecarboxylic Acids as Possible Bidentate Chelating Agents for Aluminium(III): Synthesis and MetalLigand Solution Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 2648-2655	2.3	28
86	Assessment of potential aluminum chelators in an octanol/aqueous system and in the aluminum-loaded rabbit. <i>Toxicology and Applied Pharmacology</i> , 1987 , 91, 281-94	4.6	28
85	Binding, transcytosis and biodistribution of anti-PECAM-1 iron oxide nanoparticles for brain-targeted delivery. <i>PLoS ONE</i> , 2013 , 8, e81051	3.7	28
84	From Dose to Response: In Vivo Nanoparticle Processing and Potential Toxicity. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 947, 71-100	3.6	27
83	Challenges in characterizing the environmental fate and effects of carbon nanotubes and inorganic nanomaterials in aquatic systems. <i>Environmental Science: Nano</i> , 2018 , 5, 48-63	7.1	27
82	Block copolymer cross-linked nanoassemblies improve particle stability and biocompatibility of superparamagnetic iron oxide nanoparticles. <i>Pharmaceutical Research</i> , 2013 , 30, 552-61	4.5	25
81	Influence of surface charge on lysozyme adsorption to ceria nanoparticles. <i>Applied Surface Science</i> , 2012 , 258, 5332-5341	6.7	25
80	Metal-based nanoparticle interactions with the nervous system: the challenge of brain entry and the risk of retention in the organism. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2013 , 5, 346-73	9.2	25
79	Persistent aluminum accumulation after prolonged systemic aluminum exposure. <i>Biological Trace Element Research</i> , 1983 , 5, 467-74	4.5	25
78	Persistent hepatic structural alterations following nanoceria vascular infusion in the rat. <i>Toxicologic Pathology</i> , 2014 , 42, 984-96	2.1	24
77	Brain microvascular endothelial cell association and distribution of a 5 nm ceria engineered nanomaterial. <i>International Journal of Nanomedicine</i> , 2012 , 7, 4023-36	7.3	24
76	Aluminum transport out of brain extracellular fluid is proton dependent and inhibited by mersalyl acid, suggesting mediation by the monocarboxylate transporter (MCT1). <i>Toxicology</i> , 1998 , 127, 59-67	4.4	24
75	A safe method to acid digest small samples of biological tissues for graphite furnace atomic absorption analysis of aluminum. <i>Biological Trace Element Research</i> , 1983 , 5, 225-37	4.5	23
74	Methyl-Hydroxypyridinecarboxylic Acids as Possible Bidentate Chelating Agents for Aluminium(III): Synthesis and MetalLigand Solution Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1284-1293	2.3	22
73	Rat hippocampal responses up to 90 days after a single nanoceria dose extends a hierarchical oxidative stress model for nanoparticle toxicity. <i>Nanotoxicology</i> , 2014 , 8 Suppl 1, 155-66	5.3	21
72	Hippocampal acetylcholine increases during eyeblink conditioning in the rabbit. <i>Physiology and Behavior</i> , 1996 , 60, 1199-203	3.5	20
71	Renal accumulation and urinary excretion of cisplatin in diabetic rats. <i>Toxicology</i> , 1991 , 70, 151-62	4.4	20

70	Aluminum mobilization by desferrioxamine assessed by microdialysis of the blood, liver and brain. <i>Toxicology</i> , 1991 , 66, 313-24	4.4	19
69	Reduced intestinal calcium and dietary calcium intake, increased aluminum absorption, and tissue concentration in the rat. <i>Biological Trace Element Research</i> , 1989 , 23, 119-32	4.5	19
68	Nanoceria biodistribution and retention in the rat after its intravenous administration are not greatly influenced by dosing schedule, dose, or particle shape. <i>Environmental Science: Nano</i> , 2014 , 1, 549-560	7.1	18
67	Delayed elevation of platelet activating factor in ischemic hippocampus. <i>Brain Research</i> , 1995 , 691, 243-7	3.7	18
66	Physicochemical properties of engineered nanomaterials that influence their nervous system distribution and effects. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 2081-2093	6	18
65	Physiologically based pharmacokinetic modeling of nanoceria systemic distribution in rats suggests dose- and route-dependent biokinetics. <i>International Journal of Nanomedicine</i> , 2018 , 13, 2631-2646	7.3	17
64	1,6-Dimethyl-4-hydroxy-3-pyridinecarboxylic acid and 4-hydroxy-2-methyl-3-pyridinecarboxylic acid as new possible chelating agents for iron and aluminium. <i>Dalton Transactions</i> , 2009 , 1815-24	4.3	17
63	Selective adherence of a sucralfate-tetracycline complex to gastric ulcers: implications for the treatment of Helicobacter pylori. <i>Biopharmaceutics and Drug Disposition</i> , 1995 , 16, 475-9	1.7	17
62	Extinction responding following amphetamine self-administration: Determination of reinforcement magnitude. <i>Physiological Psychology</i> , 1976 , 4, 39-42		16
61	The Pharmacokinetics and Toxicology of Aluminum in the Brain. <i>Current Inorganic Chemistry</i> , 2012 , 2, 54-63		15
60	Aluminium Toxicokinetics: An Updated MiniReview. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 88, 159-167		14
59	Aluminum chelation by 3-hydroxypyridin-4-ones in the rat demonstrated by microdialysis. <i>Biological Trace Element Research</i> , 1996 , 53, 193-203	4.5	14
58	Tissue Specific Fate of Nanomaterials by Advanced Analytical Imaging Techniques - A Review. <i>Chemical Research in Toxicology</i> , 2020 , 33, 1145-1162	4	12
57	Postmortem elevation in extracellular glutamate in the rat hippocampus when brain temperature is maintained at physiological levels: implications for the use of human brain autopsy tissues. <i>Brain Research</i> , 1999 , 831, 104-12	3.7	12
56	Aluminum reproductive toxicity: a summary and interpretation of scientific reports. <i>Critical Reviews in Toxicology</i> , 2020 , 50, 551-593	5.7	12
55	Manganese toxicokinetics at the blood-brain barrier. <i>Research Report (health Effects Institute)</i> , 2004 , 7-58; discussion 59-73	0.9	11
54	Simulated biological fluid exposure changes nanoceria's surface properties but not its biological response. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 144, 252-265	5.7	10
53	Assessing nanoparticle risk poses prodigious challenges. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2013 , 5, 374-87	9.2	10

52	Complexation of 3,4-hydroxypyridinecarboxylic acids with Iron(III). <i>Inorganica Chimica Acta</i> , 2004 , 357, 3753-3758	2.7	10
51	Pharmacokinetics of aluminum 3-hydroxypyridin-4-one complexes: implications for aluminum redistribution subsequent to chelation therapy. <i>Toxicology</i> , 1994 , 92, 193-202	4.4	10
50	Analytical High-resolution Electron Microscopy Reveals Organ-specific Nanoceria Bioprocessing. <i>Toxicologic Pathology</i> , 2018 , 46, 47-61	2.1	10
49	Evaluation of 4-hydroxy-6-methyl-3-pyridinecarboxylic acid and 2,6-dimethyl-4-hydroxy-3-pyridinecarboxylic acid as chelating agents for iron and aluminium. <i>Inorganica Chimica Acta</i> , 2011 , 373, 179-186	2.7	9
48	Carboxylic acids accelerate acidic environment-mediated nanoceria dissolution. <i>Nanotoxicology</i> , 2019 , 13, 455-475	5.3	9
47	Evaluation of 1-methyl-3,4-hydroxypyridinecarboxylic acids as possible bidentate chelating agents for iron(III): Metal-ligand solution chemistry. <i>Polyhedron</i> , 2007 , 26, 3227-3232	2.7	8
46	²⁶ Al-containing acidic and basic sodium aluminum phosphate preparation and use in studies of oral aluminum bioavailability from foods utilizing ²⁶ Al as an aluminum tracer. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005 , 229, 471-478	1.2	8
45	Effect of dietary aluminum sulfate on calcium and phosphorus metabolism of broiler chicks. <i>Poultry Science</i> , 1990 , 69, 985-91	3.9	8
44	Nanoparticle brain delivery: a guide to verification methods. <i>Nanomedicine</i> , 2020 , 15, 409-432	5.6	8
43	The characterization of purified citrate-coated cerium oxide nanoparticles prepared via hydrothermal synthesis. <i>Applied Surface Science</i> , 2021 , 535, 147681	6.7	8
42	Mucosal Injury and Irradiation Produce Persistent Gastric Ulcers in the Rabbit: Evaluation of Antiulcer Drug Binding to Experimental Ulcer Sites. <i>Gastroenterology</i> , 1991 , 100, 1201-1205	13.3	7
41	Relationship of dietary aluminum, phosphorus, and calcium to phosphorus and calcium metabolism and growth performance of broiler chicks. <i>Poultry Science</i> , 1990 , 69, 966-71	3.9	7
40	Aluminum and Alzheimer's Disease: Should We Worry?. <i>Journal of Pharmacy Practice</i> , 1988 , 1, 118-127	1.3	7
39	Surface-controlled dissolution rates: a case study of nanoceria in carboxylic acid solutions. <i>Environmental Science: Nano</i> , 2019 , 6, 1478-1492	7.1	6
38	Nanoceria distribution and effects are mouse-strain dependent. <i>Nanotoxicology</i> , 2020 , 14, 827-846	5.3	6
37	Application of electron energy loss spectroscopy and electron spectroscopic imaging to aluminum determination in biological tissue. <i>Biological Trace Element Research</i> , 1994 , 40, 39-48	4.5	6
36	Benefit vs. risk of oral aluminum forms: antacid and phosphate binding vs. absorption. <i>Drug and Chemical Toxicology</i> , 1989 , 12, 277-86	2.3	6
35	The influence of dietary calcium reduction on aluminum absorption and kinetics in the rabbit. <i>Biological Trace Element Research</i> , 1989 , 23, 109-17	4.5	6

34	Acute toxicity of latex microspheres. <i>Toxicology Letters</i> , 1981 , 9, 165-70	4.4	6
33	Past, present and future of drug information centers as catalysts for the utilization of drug therapy information. <i>Drug Information Journal</i> , 1977 , 11, 11-6		6
32	A comparison of four toxicology resources in respect to rates of retrieval and time required. <i>Journal of Pediatrics</i> , 1978 , 92, 145-8	3.6	6
31	Applying accelerator mass spectrometry for low-level detection of complex engineered nanoparticles in biological media. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 97, 81-7	3.5	5
30	Effects of plant ingestion in rats determined by the conditioned taste aversion procedure. <i>Toxicol</i> , 1981 , 19, 223-32	2.8	5
29	Drug information communication via television. <i>Drug Information Journal</i> , 1976 , 10, 132-7		5
28	Imatinib mesylate effects on zebrafish reproductive success: Gonadal development, gamete quality, fertility, embryo-larvae viability and development, and related genes. <i>Toxicology and Applied Pharmacology</i> , 2019 , 379, 114645	4.6	4
27	Aluminum and the Blood-Brain Barrier 2001 , 233-260		4
26	HPLC quantitation of a very hydrophilic 3-hydroxypyridin-4-one chelator using a simple separation procedure and the baseline file subtraction method. <i>Journal of Chromatographic Science</i> , 1996 , 34, 52-7	1.4	4
25	Morphometric characteristics and time to hatch as efficacious indicators for potential nanotoxicity assay in zebrafish. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 3063-3076	3.8	4
24	Aluminum and Phthalates in Calcium Gluconate: Contribution From Glass and Plastic Packaging. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017 , 64, 109-114	2.8	3
23	Aluminum and phosphorus separation: application to preparation of target from brain tissue for ²⁶ Al determination by accelerator mass spectrometry. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1999 , 152, 129-134	1.2	3
22	A phase I trial of 5-day continuous infusion cisplatin and interferon alpha. <i>Cancer Chemotherapy and Pharmacology</i> , 1995 , 37, 39-46	3.5	3
21	Aluminum Exposure Produces Learning and Memory Deficits 1994 , 301-318		3
20	The influence of neuroleptics on amphetamine metabolism in the rat and guinea-pig. <i>Journal of Pharmacy and Pharmacology</i> , 1978 , 30, 719-21	4.8	2
19	Glomerular lesions in male rabbits treated with aluminium lactate: with special reference to microaneurysm formation. <i>Experimental and Toxicologic Pathology</i> , 2000 , 52, 139-43		2
18	Toxicity of Aluminum Exposure to the Neonatal and Immature Rabbit. <i>Toxicological Sciences</i> , 1987 , 9, 795-806	4.4	2
17	The influence of human and data retrieval resources on the patterns of use of drug information. <i>Drug Information Journal</i> , 1979 , 13, 84-90		2

16	A Filtration System That Greatly Reduces Aluminum in Calcium Gluconate Injection, USP Used to Prepare Parenteral Nutrition Solutions. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2014 , 19, 189-95	1.6	2
15	Neurological System 2017 , 275-312		1
14	The effect of citrate, maltolate and fluoride on oral ²⁶ Al absorption. <i>FASEB Journal</i> , 2006 , 20, A1141	0.9	1
13	Toxic and Essential Trace Element Content of Commonly Administered Pediatric Oral Medications. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2017 , 22, 193-202	1.6	1
12	Methods to Quantify Nanomaterial Association with, and Distribution Across, the Blood-Brain Barrier In Vivo. <i>Methods in Molecular Biology</i> , 2019 , 1894, 281-299	1.4	1
11	Laser irradiation as a novel alternative to detach intact particulate matter collected on air filters. <i>Chemosphere</i> , 2022 , 286, 131713	8.4	1
10	Direct nose to the brain nanomedicine delivery presents a formidable challenge.. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021 , e1767	9.2	1
9	Puppet Show Illustrates Principles of Poison Prevention. <i>American Journal of Health-System Pharmacy</i> , 1983 , 40, 1892-1892	2.2	
8	The impact of video technology on the use of drug information resources. <i>Drug Information Journal</i> , 1980 , 14, 77-81		
7	Evaluation of factors influencing the patterns of use of drug and poison information resources. <i>Drug Information Journal</i> , 1982 , 16, 216-26		
6	Sodium and potassium levels in antacids. <i>American Journal of Health-System Pharmacy</i> , 1977 , 34, 200-202.	2.2	
5	Mucosal injury and Irradiation produce persistent gastric ulcers in the rabbit. <i>Gastroenterology</i> , 1991 , 100, 1201-1205	13.3	
4	Oral aluminum bioavailability from two representative foods is considerably less than from water. <i>FASEB Journal</i> , 2006 , 20, A197	0.9	
3	Correction to Some Statements about Aluminum in Sulaiman. <i>Chemical Research in Toxicology</i> , 2021 , 34, 935	4	
2	The preparation temperature influences the physicochemical nature and activity of nanocerium. <i>Beilstein Journal of Nanotechnology</i> , 2021 , 12, 525-540	3	
1	Cerium dioxide, a Jekyll and Hyde nanomaterial, can increase basal and decrease elevated inflammation and oxidative stress. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022 , 43, 102565	6	