Nancy A Monteiro-Riviere

List of Publications by Year
in descending order

231 papers	16,807 citations	17776 65 h-index	18944 123 g-index
242 all docs	242 docs citations	242 times ranked	19357 citing authors

#	Article	IF	Citations
1	Predicting Nanoparticle Delivery to Tumors Using Machine Learning and Artificial Intelligence Approaches. International Journal of Nanomedicine, 2022, Volume 17, 1365-1379.	3.3	39
2	Development of a multi-route physiologically based pharmacokinetic (PBPK) model for nanomaterials: a comparison between a traditional versus a new route-specific approach using gold nanoparticles in rats. Particle and Fibre Toxicology, 2022, 19, .	2.8	15
3	The synergistic strategies for the <scp>immunoâ€oncotherapy</scp> with photothermal nanoagents. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2021, 13, e1717.	3.3	9
4	Amino/Amido Conjugates Form to Nanoscale Cobalt Physiometacomposite (PMC) Materials Functionally Delivering Nucleic Acid Therapeutic to Nucleus Enhancing Anticancer Activity via Ras-Targeted Protein Interference. ACS Applied Bio Materials, 2020, 3, 175-179.	2.3	5
5	Meta-Analysis of Nanoparticle Delivery to Tumors Using a Physiologically Based Pharmacokinetic Modeling and Simulation Approach. ACS Nano, 2020, 14, 3075-3095.	7.3	157
6	Toxicity assessment of six titanium dioxide nanoparticles in human epidermal keratinocytes. Cutaneous and Ocular Toxicology, 2019, 38, 66-80.	0.5	16
7	Probabilistic risk assessment of gold nanoparticles after intravenous administration by integrating in vitro and in vivo toxicity with physiologically based pharmacokinetic modeling. Nanotoxicology, 2018, 12, 453-469.	1.6	26
8	Modeling gold nanoparticle biodistribution after arterial infusion into perfused tissue: effects of surface coating, size and protein corona. Nanotoxicology, 2018, 12, 1093-1112.	1.6	15
9	Surface chemistry of gold nanoparticles determines the biocorona composition impacting cellular uptake, toxicity and gene expression profiles in human endothelial cells. Nanotoxicology, 2017, 11, 507-519.	1.6	102
10	Biocorona formation on gold nanoparticles modulates human proximal tubule kidney cell uptake, cytotoxicity and gene expression. Toxicology in Vitro, 2017, 42, 150-160.	1.1	50
11	Bacterial endotoxin (lipopolysaccharide) binds to the surface of gold nanoparticles, interferes with biocorona formation and induces human monocyte inflammatory activation. Nanotoxicology, 2017, 11, 1157-1175.	1.6	80
12	Intracellular imaging of quantum dots, gold, and iron oxide nanoparticles with associated endocytic pathways. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2017, 9, e1419.	3.3	20
13	Protein corona modulation of hepatocyte uptake and molecular mechanisms of gold nanoparticle toxicity. Nanotoxicology, 2017, 11, 64-75.	1.6	101
14	Multi-Walled Carbon Nanotube Exposure Alters Protein Expression in Human Keratinocytes. , 2017, , 461-485.		2
15	A physiologically based pharmacokinetic model for polyethylene glycol-coated gold nanoparticles of different sizes in adult mice. Nanotoxicology, 2016, 10, 1-11.	1.6	59
16	Quantification of nanoparticle pesticide adsorption: computational approaches based on experimental data. Nanotoxicology, 2016, 10, 1118-1128.	1.6	17
17	Biocorona Bound Gold Nanoparticles Augment Their Hematocompatibility Irrespective of Size or Surface Charge. ACS Biomaterials Science and Engineering, 2016, 2, 1608-1618.	2.6	14
18	Mechanisms of cell uptake, inflammatory potential and protein corona effects with gold nanoparticles. Nanomedicine, 2016, 11, 3185-3203.	1.7	87

#	Article	IF	Citations
19	Safety of Nanoparticle Skin Penetration. , 2016, , 363-376.		0
20	Oxidative stress response in canine in vitro liver, kidney and intestinal models with seven potential dietary ingredients. Toxicology Letters, 2016, 241, 49-59.	0.4	14
21	Assessing the safety of cosmetic chemicals: Consideration of a flux decision tree to predict dermally delivered systemic dose for comparison with oral TTC (Threshold of Toxicological Concern). Regulatory Toxicology and Pharmacology, 2016, 76, 174-186.	1.3	50
22	A computational framework for interspecies pharmacokinetics, exposure and toxicity assessment of gold nanoparticles. Nanomedicine, 2016, 11, 107-119.	1.7	91
23	Toxicological effects of pet food ingredients on canine bone marrowâ€derived mesenchymal stem cells and enterocyteâ€like cells. Journal of Applied Toxicology, 2016, 36, 189-198.	1.4	8
24	In Vitro and In Vivo Toxicity and Pharmacokinetics of Silver Nanoparticles. , 2016, , 1554-1567.		0
25	Comparative In Vitro Cytotoxicity of 20 Potential Food Ingredients in Canine Liver, Kidney, Bone Marrow-Derived Mesenchymal Stem Cells, and Enterocyte-like Cells. Applied in Vitro Toxicology, 2015, 1, 276-288.	0.6	3
26	Biomedical applications of gold nanomaterials: opportunities and challenges. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2015, 7, 779-796.	3.3	65
27	Gold and silver nanoparticle interactions with human proteins: impact and implications in biocorona formation. Journal of Materials Chemistry B, 2015, 3, 2075-2082.	2.9	96
28	Safety assessment of potential food ingredients in canine hepatocytes. Food and Chemical Toxicology, 2015, 78, 105-115.	1.8	8
29	In vitro safety assessment of food ingredients in canine renal proximal tubule cells. Toxicology in Vitro, 2015, 29, 289-298.	1.1	7
30	Pharmacokinetics of metallic nanoparticles. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2015, 7, 189-217.	3.3	178
31	Predicting the impact of biocorona formation kinetics on interspecies extrapolations of nanoparticle biodistribution modeling. Nanomedicine, 2015, 10, 25-33.	1.7	48
32	In Vitro and In Vivo Toxicity and Pharmacokinetics of Silver Nanoparticles. , 2015, , 1-14.		0
33	In Vitro Biocompatibility and Antibacterial Efficacy of a Degradable Poly(l-lactide-co-epsilon-caprolactone) Copolymer Incorporated with Silver Nanoparticles. Annals of Biomedical Engineering, 2014, 42, 1482-1493.	1.3	16
34	Nanoparticle Surface Characterization and Clustering through Concentration-Dependent Surface Adsorption Modeling. ACS Nano, 2014, 8, 9446-9456.	7.3	31
35	Growth of Zircone on Nanoporous Alumina Using Molecular Layer Deposition. Jom, 2014, 66, 649-653.	0.9	10
36	Two-photon polymerization/micromolding of microscale barbs for medical applications. Journal of Adhesion Science and Technology, 2014, 28, 387-398.	1.4	3

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37	Dermal Exposure and Absorption of Chemicals and Nanomaterials. , 2014, , .		0
38	Biocompatibility analysis of an electrically-activated silver-based antibacterial surface system for medical device applications. Journal of Materials Science: Materials in Medicine, 2013, 24, 755-760.	1.7	13
39	Protein binding modulates the cellular uptake of silver nanoparticles into human cells: Implications for in vitro to in vivo extrapolations?. Toxicology Letters, 2013, 220, 286-293.	0.4	113
40	Oxidative Stress and Dermal Toxicity of Iron Oxide Nanoparticles In Vitro. Cell Biochemistry and Biophysics, 2013, 67, 461-476.	0.9	80
41	Skin Penetration of Engineered Nanomaterials. , 2013, , 51-61.		3
42	Predicting skin permeability from complex vehicles. Advanced Drug Delivery Reviews, 2013, 65, 265-277.	6.6	71
43	Computational approaches and metrics required for formulating biologically realistic nanomaterial pharmacokinetic models. Computational Science & Discovery, 2013, 6, 014005.	1.5	18
44	Nanomaterials and synergistic lowâ€intensity direct current (LIDC) stimulation technology for orthopedic implantable medical devices. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2013, 5, 191-204.	3.3	21
45	The effects of geometry on skin penetration and failure of polymer microneedles. Journal of Adhesion Science and Technology, 2013, 27, 227-243.	1.4	118
46	Use of confocal microscopy for nanoparticle drug delivery through skin. Journal of Biomedical Optics, 2012, 18, 061214.	1.4	43
47	Quantum dot penetration into viable human skin. Nanotoxicology, 2012, 6, 173-185.	1.6	105
48	In Vivo Toxicity of Titanium Dioxide and Gold Nanoparticles. , 2012, , 1083-1090.		0
49	Insect Flight and Micro Air Vehicles (MAVs). , 2012, , 1096-1109.		0
50	Silver nanoparticles do not influence stem cell differentiation but cause minimal toxicity. Nanomedicine, 2012, 7, 1197-1209.	1.7	105
51	Lack of Hydroxylated Fullerene Toxicity After Intravenous Administration to Female Sprague-Dawley Rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 367-373.	1.1	19
52	In vitro biodistribution of silver nanoparticles in isolated perfused porcine skin flaps. Journal of Applied Toxicology, 2012, 32, 913-919.	1.4	13
53	Ultrananocrystalline Diamond-Coated Microporous Silicon Nitride Membranes for Medical Implant Applications. Jom, 2012, 64, 520-525.	0.9	6
54	Acute vascular effects of nanoparticle infusion in isolated perfused skin. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 428-431.	1.7	7

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55	Challenges obtaining a biowaiver for topical veterinary dosage forms. Journal of Veterinary Pharmacology and Therapeutics, 2012, 35, 103-114.	0.6	8
56	Mapping the Surface Adsorption Forces of Nanomaterials in Biological Systems. ACS Nano, 2011, 5, 9074-9081.	7.3	131
57	Antibacterial efficacy of silver nanoparticles of different sizes, surface conditions and synthesis methods. Nanotoxicology, 2011, 5, 244-253.	1.6	143
58	Safety Evaluation of Sunscreen Formulations Containing Titanium Dioxide and Zinc Oxide Nanoparticles in UVB Sunburned Skin: An In Vitro and In Vivo Study. Toxicological Sciences, 2011, 123, 264-280.	1.4	328
59	In vitro toxicity assessment of three hydroxylated fullerenes in human skin cells. Toxicology in Vitro, 2011, 25, 2105-2112.	1.1	50
60	Cellular uptake mechanisms and toxicity of quantum dots in dendritic cells. Nanomedicine, 2011, 6, 777-791.	1.7	88
61	Modification of microneedles using inkjet printing. AIP Advances, 2011, 1, 22139.	0.6	57
62	Atomic layer deposition of titanium dioxide on cellulose acetate for enhanced hemostasis. Biotechnology Journal, 2011, 6, 213-223.	1.8	27
63	Multiphoton microscopy of transdermal quantum dot delivery using two photonpolymerization-fabricated polymer microneedles. Faraday Discussions, 2011, 149, 171-185.	1.6	70
64	Deposition of antimicrobial coatings on microstereolithography-fabricated microneedles. Jom, 2011, 63, 59-68.	0.9	58
65	Commentary on transcutaneous delivery. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2011, 3, 439-440.	3.3	1
66	Integrated carbon fiber electrodes within hollow polymer microneedles for transdermal electrochemical sensing. Biomicrofluidics, 2011, 5, 13415.	1.2	96
67	Fabrication of Microneedles Using Two Photon Polymerization for Transdermal Delivery of Nanomaterials. Journal of Nanoscience and Nanotechnology, 2010, 10, 6305-6312.	0.9	52
68	Skin penetration and kinetics of pristine fullerenes (C60) topically exposed in industrial organic solvents. Toxicology and Applied Pharmacology, 2010, 242, 29-37.	1.3	88
69	Interactions of aluminum nanoparticles with human epidermal keratinocytes. Journal of Applied Toxicology, 2010, 30, 276-285.	1.4	62
70	Two Photon Polymerizationâ€Micromolding of Polyethylene Glycolâ€Gentamicin Sulfate Microneedles. Advanced Engineering Materials, 2010, 12, B77-B82.	1.6	60
71	In vitro biocompatibility of titanium alloy discs made using direct metal fabrication. Medical Engineering and Physics, 2010, 32, 645-652.	0.8	62
72	Atomic layer deposition of nanoporous biomaterials. Materials Today, 2010, 13, 60-64.	8.3	33

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73	An index for characterization of nanomaterials in biological systems. Nature Nanotechnology, 2010, 5, 671-675.	15.6	317
74	Evaluation of Silver Nanoparticle Toxicity in Skin in Vivo and Keratinocytes in Vitro. Environmental Health Perspectives, 2010, 118, 407-413.	2.8	434
75	Lectins modulate multi-walled carbon nanotubes cellular uptake in human epidermal keratinocytes. Toxicology in Vitro, 2010, 24, 546-551.	1.1	20
76	Evaluation of perfused porcine skin as a model system to quantitate tissue distribution of fullerene nanoparticles. Toxicology Letters, 2010, 197, 1-6.	0.4	14
77	Intrinsic biological property of colloidal fullerene nanoparticles (nC60): Lack of lethality after high dose exposure to human epidermal and bacterial cells. Toxicology Letters, 2010, 197, 128-134.	0.4	39
78	Atomic layer deposition-based functionalization of materials for medical and environmental health applications. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 2033-2064.	1.6	35
79	Dermal Exposure and Absorption of Chemicals and Nanomaterials*. , 2010, , 111-122.		5
80	Absorption, Penetration, and Cutaneous Toxicity of Jet Fuels and Hydrocarbon Components. , 2010, , 119-134.		0
81	Mechanisms of Quantum Dot Nanoparticle Cellular Uptake. Toxicological Sciences, 2009, 110, 138-155.	1.4	453
82	Fabrication of Polymer Microneedles Using a Two-Photon Polymerization and Micromolding Process. Journal of Diabetes Science and Technology, 2009, 3, 304-311.	1.3	100
83	Interaction of nanomaterials with skin: Aspects of absorption and biodistribution. Nanotoxicology, 2009, 3, 188-193.	1.6	42
84	Limitations and relative utility of screening assays to assess engineered nanoparticle toxicity in a human cell line. Toxicology and Applied Pharmacology, 2009, 234, 222-235.	1.3	538
85	Expression of proinflammatory cytokines by human mesenchymal stem cells in response to cyclic tensile strain. Journal of Cellular Physiology, 2009, 219, 77-83.	2.0	43
86	Atomic layer deposition of TiO2 thin films on nanoporous alumina templates: Medical applications. Jom, 2009, 61, 12-16.	0.9	38
87	Stretchable diamond-like carbon microstructures for biomedical applications. Jom, 2009, 61, 53-58.	0.9	5
88	Nanoporous membranes for medical and biological applications. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2009, 1, 568-581.	3.3	222
89	Assessing the antimicrobial activity of zinc oxide thin films using disk diffusion and biofilm reactor. Applied Surface Science, 2009, 255, 5806-5811.	3.1	40
90	Rapid prototyping of scaphoid and lunate bones. Biotechnology Journal, 2009, 4, 129-134.	1.8	42

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91	Endocytic mechanisms and toxicity of a functionalized fullerene in human cells. Toxicology Letters, 2009, 191, 149-157.	0.4	70
92	Comparison of Quantum Dot Biodistribution with a Blood-Flow-Limited Physiologically Based Pharmacokinetic Model. Nano Letters, 2009, 9, 794-799.	4.5	76
93	Microfabricated curtains for controlled cell seeding in high throughput microfluidic systems. Lab on A Chip, 2009, 9, 1756.	3.1	11
94	Pulsed laser deposition of antimicrobial silver coating on OrmocerÂ® microneedles. Biofabrication, 2009, 1, 041001.	3.7	70
95	Human Health Risks of Engineered Nanomaterials. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 3-29.	0.1	14
96	Assessment of Quantum Dot Penetration into Skin in Different Species Under Different Mechanical Actions. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 43-52.	0.1	5
97	Characterization of microfluidic human epidermal keratinocyte culture. Cytotechnology, 2008, 56, 197-207.	0.7	48
98	Nanoceria as antioxidant: Synthesis and biomedical applications. Jom, 2008, 60, 33-37.	0.9	315
99	Inhibition of jet fuel aliphatic hydrocarbon induced toxicity in human epidermal keratinocytes. Journal of Applied Toxicology, 2008, 28, 543-553.	1.4	9
100	Assessment of Quantum Dot Penetration into Intact, Tape-Stripped, Abraded and Flexed Rat Skin. Skin Pharmacology and Physiology, 2008, 21, 166-180.	1.1	170
101	Topical isoflavones provide effective photoprotection to skin. Photodermatology Photoimmunology and Photomedicine, 2008, 24, 61-66.	0.7	56
102	Biological interactions of quantum dot nanoparticles in skin and in human epidermal keratinocytes. Toxicology and Applied Pharmacology, 2008, 228, 200-211.	1.3	242
103	Cyclic tensile strain increases interactions between human epidermal keratinocytes and quantum dot nanoparticles. Toxicology in Vitro, 2008, 22, 491-497.	1.1	30
104	Mechanical and biological properties of nanoporous carbon membranes. Biomedical Materials (Bristol), 2008, 3, 034107.	1.7	13
105	A system coefficient approach for quantitative assessment of the solvent effects on membrane absorption from chemical mixtures. SAR and QSAR in Environmental Research, 2007, 18, 579-593.	1.0	22
106	Biological Interactions of Functionalized Single-Wall Carbon Nanotubes in Human Epidermal Keratinocytes. International Journal of Toxicology, 2007, 26, 103-113.	0.6	182
107	A linear dilution microfluidic device for cytotoxicity assays. Lab on A Chip, 2007, 7, 226-232.	3.1	90
108	Variables Influencing Interactions of Untargeted Quantum Dot Nanoparticles with Skin Cells and Identification of Biochemical Modulators. Nano Letters, 2007, 7, 1344-1348.	4.5	151

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109	Biodistribution of Quantum Dot Nanoparticles in Perfused Skin:â€‰ Evidence of Coating Dependency and Periodicity in Arterial Extraction. Nano Letters, 2007, 7, 2865-2870.	4.5	73
110	Effects of Mechanical Flexion on the Penetration of Fullerene Amino Acid-Derivatized Peptide Nanoparticles through Skin. Nano Letters, 2007, 7, 155-160.	4.5	300
111	Development, optimization, and characterization of electrospun poly(lactic acid) nanofibers containing multi-walled carbon nanotubes. Journal of Applied Polymer Science, 2007, 105, 1668-1678.	1.3	92
112	Towards an in vivo biologically inspired nanofactory. Nature Nanotechnology, 2007, 2, 3-7.	15.6	172
113	Surface Coatings Determine Cytotoxicity and Irritation Potential of Quantum Dot Nanoparticles in Epidermal Keratinocytes. Journal of Investigative Dermatology, 2007, 127, 143-153.	0.3	316
114	Two Photon Polymerization of Polymer?Ceramic Hybrid Materials for Transdermal Drug Delivery. International Journal of Applied Ceramic Technology, 2007, 4, 22-29.	1.1	200
115	An experimentally based approach for predicting skin permeability of chemicals and drugs using a membrane-coated fiber array. Toxicology and Applied Pharmacology, 2007, 221, 320-328.	1.3	30
116	Biological Properties of Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2007, 7, 1284-1297.	0.9	80
117	Anatomical Factors Affecting Barrier Function. , 2007, , 39-50.		3
118	Dermatological Effects of Chronic Exposure to 7,12-Dimethylbenz[A]Anthracene (DMBA) or N-Methyl-N-Nitrosoguanidine (MNNG) in Swine. Cutaneous and Ocular Toxicology, 2006, 25, 103-119.	0.5	3
119	Penetration of Intact Skin by Quantum Dots with Diverse Physicochemical Properties. Toxicological Sciences, 2006, 91, 159-165.	1.4	451
120	Fullerene-based amino acid nanoparticle interactions with human epidermal keratinocytes. Toxicology in Vitro, 2006, 20, 1313-1320.	1.1	132
121	Ubiquinone, Idebenone, and Kinetin Provide Ineffective Photoprotection to Skin when Compared to a Topical Antioxidant Combination of Vitamins C and E with Ferulic Acid. Journal of Investigative Dermatology, 2006, 126, 1185-1187.	0.3	46
122	Challenges for assessing carbon nanomaterial toxicity to the skin. Carbon, 2006, 44, 1070-1078.	5.4	321
123	Trace analysis of fullerenes in biological samples by simplified liquidâ€“liquid extraction and high-performance liquid chromatography. Journal of Chromatography A, 2006, 1129, 216-222.	1.8	88
124	Multi-walled carbon nanotube exposure alters protein expression in human keratinocytes. Nanomedicine: Nanotechnology, Biology, and Medicine, 2006, 2, 158-168.	1.7	120
125	Toxicity of jet fuel aliphatic and aromatic hydrocarbon mixtures on human epidermal Keratinocytes: evaluation based on in vitro cytotoxicity and interleukin-8 release. Archives of Toxicology, 2006, 80, 508-523.	1.9	14
126	A Serial Dilution Microfluidic Device for Cytotoxicity Assays. , 2006, 2006, 2836-9.		4

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127	Dermatotoxicity of Cutting Fluid Mixtures:In VitroandIn VivoStudies. Cutaneous and Ocular Toxicology, 2006, 25, 235-247.	0.5	16
128	Expression Profiling of Human Epidermal Keratinocyte Response Following 1-Minute JP-8 Exposure. Cutaneous and Ocular Toxicology, 2006, 25, 141-153.	0.5	5
129	A Physiologically Based Pharmacokinetic Model of Organophosphate Dermal Absorption. Toxicological Sciences, 2006, 89, 188-204.	1.4	80
130	A Serial Dilution Microfluidic Device for Cytotoxicity Assays. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	1
131	Toxicology of Nanomaterials. , 2006, , 217-233.		1
132	Surfactant effects on carbon nanotube interactions with human keratinocytes. Nanomedicine: Nanotechnology, Biology, and Medicine, 2005, 1, 293-299.	1.7	120
133	Ferulic Acid Stabilizes a Solution of Vitamins C and E and Doubles its Photoprotection of Skin. Journal of Investigative Dermatology, 2005, 125, 826-832.	0.3	262
134	Determination of the partition coefficients and absorption kinetic parameters of chemicals in a lipophilic membrane/water system by using a membrane-coated fiber technique. European Journal of Pharmaceutical Sciences, 2005, 24, 15-23.	1.9	10
135	Principles for characterizing the potential human health effects from exposure to nanomaterials: elements of a screening strategy. Particle and Fibre Toxicology, 2005, 2, 8.	2.8	1,678
136	Comparative In Vivo Toxicity of Topical JP-8 Jet Fuel and Its Individual Hydrocarbon Components: Identification of Tridecane and Tetradecane as Key Constituents Responsible for Dermal Irritation. Toxicologic Pathology, 2005, 33, 258-266.	0.9	35
137	Membrane Uptake Kinetics of Jet Fuel Aromatic Hydrocarbons from Aqueous Solutions Studied by a Membrane-Coated Fiber Technique. Toxicology Mechanisms and Methods, 2005, 15, 307-316.	1.3	9
138	Effect of In Vivo Jet Fuel Exposure on Subsequent In Vitro Dermal Absorption of Individual Aromatic and Aliphatic Hydrocarbon Fuel Constituents. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2005, 68, 719-737.	1.1	21
139	Multi-walled carbon nanotube interactions with human epidermal keratinocytes. Toxicology Letters, 2005, 155, 377-384.	0.4	702
140	Effect of JP-8 jet fuel exposure on protein expression in human keratinocyte cells in culture. Toxicology Letters, 2005, 160, 8-21.	0.4	10
141	Structure and Function of Skin. , 2005, , 1-19.		4
142	Dose Related Absorption of JP-8 Jet Fuel Hydrocarbons Through Porcine Skin with Quantitative Structure Permeability Relationship Analysis. Toxicology Mechanisms and Methods, 2004, 14, 159-166.	1.3	7
143	Î±-Lipoic Acid Is Ineffective as a Topical Antioxidant for Photoprotection of Skin11This work was done in Durham, North Carolina, USA.. Journal of Investigative Dermatology, 2004, 123, 996-998.	0.3	19
144	Skin toxicity of jet fuels: ultrastructural studies and the effects of substance P. Toxicology and Applied Pharmacology, 2004, 195, 339-347.	1.3	38

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145	A Compartment Model for the Membrane-Coated Fiber Technique Used for Determining the Absorption Parameters of Chemicals into Lipophilic Membranes. Pharmaceutical Research, 2004, 21, 1345-1352.	1.7	12
146	Characterization of Polyacrylate Membrane-Coated Fibers Used in Chemical Absorption Studies with Programmed Thermal Treatment and FT-IR Microscopy. Analytical Chemistry, 2004, 76, 4245-4250.	3.2	6
147	Anatomical Factors Affecting Barrier Function. , 2004, , 43-69.		5
148	Pathogenesis of acute ulceration response (AUR) in hybrid striped bass. Diseases of Aquatic Organisms, 2004, 61, 199-213.	0.5	16
149	A novel in-vitro technique for studying percutaneous permeation with a membrane-coated fiber and gas chromatography/mass spectrometry: part I. Performances of the technique and determination of the permeation rates and partition coefficients of chemical mixtures. Pharmaceutical Research, 2003, 20, 275-282.	1.7	21
150	The cytotoxicity of jet fuel aromatic hydrocarbons and dose-related interleukin-8 release from human epidermal keratinocytes. Archives of Toxicology, 2003, 77, 384-391.	1.9	44
151	Pyridostigmine bromide modulates topical irritant-induced cytokine release from human epidermal keratinocytes and isolated perfused porcine skin. Toxicology, 2003, 183, 15-28.	2.0	33
152	UV photoprotection by combination topical antioxidants vitamin C and vitamin E. Journal of the American Academy of Dermatology, 2003, 48, 866-874.	0.6	522
153	Percutaneous absorption of 2,6-di-tert-butyl-4-nitrophenol (DBNP) in isolated perfused porcine skin. Toxicology in Vitro, 2003, 17, 289-292.	1.1	10
154	In Vitro Percutaneous Absorption of Nonylphenol (NP) and Nonylphenol Ethoxylates (NPE-4 and NPE-9) in Isolated Perfused Skin. Cutaneous and Ocular Toxicology, 2003, 22, 1-11.	0.3	4
155	Percutaneous Absorption of Topical N , N -Diethyl- m -Toluamide (Deet): Effects of Exposure Variables and Coadministered Toxicants. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2003, 66, 133-151.	1.1	30
156	The Use of Enzyme Histochemistry in Detecting Cutaneous Toxicity of Three Topically Applied Jet Fuel Mdttures. Toxicology Mechanisms and Methods, 2002, 12, 17-34.	1.3	10
157	Differential Relationship between the Carbon Chain Length of Jet Fuel Aliphatic Hydrocarbons and Their Ability to Induce Cytotoxicity vs. Interleukin-8 Release in Human Epidermal Keratinocytes. Toxicological Sciences, 2002, 69, 226-233.	1.4	40
158	Gulf War related exposure factors influencing topical absorption of 14C-permethrin. Toxicology Letters, 2002, 135, 61-71.	0.4	17
159	Pyridostigmine Bromide Modulates the Dermal Disposition of [14C]Permethrin. Toxicology and Applied Pharmacology, 2002, 181, 164-173.	1.3	24
160	THE USE OF ENZYME HISTOCHEMISTRY IN DETECTING CUTANEOUS TOXICITY OF THREE TOPICALLY APPLIED JET FUEL MIXTURES. Toxicology Mechanisms and Methods, 2002, 12, 17-34.	1.3	9
161	THE USE OF ENZYME HISTOCHEMISTRY IN DETECTING CUTANEOUS TOXICITY OF THREE TOPICALLY APPLIED JET FUEL MIXTURES. , 2002, 12, 17-34.		1
162	Cytokine induction as a measure of cutaneous toxicity in primary and immortalized porcine keratinocytes exposed to jet fuels, and their relationship to normal human epidermal keratinocytes. Toxicology Letters, 2001, 119, 209-217.	0.4	45

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163	Analysis of interleukin-8 release from normal human epidermal keratinocytes exposed to aliphatic hydrocarbons: delivery of hydrocarbons to cell cultures via complexation with Î±-cyclodextrin. Toxicology in Vitro, 2001, 15, 663-669.	1.1	29
164	Electron Microscopic Observations of Stratum Corneum Intercellular Lipids in Normal and Atopic Dogs. Veterinary Pathology, 2001, 38, 720-723.	0.8	75
165	Topical L-Ascorbic Acid: Percutaneous Absorption Studies. Dermatologic Surgery, 2001, 27, 137-142.	0.4	144
166	Use of methyl salicylate as a simulant to predict the percutaneous absorption of sulfur mustard. Journal of Applied Toxicology, 2001, 21, 91-99.	1.4	36
167	Effects of short-term high-dose and low-dose dermal exposure to Jet A, JP-8 and JP-8 + 100 jet fuels. Journal of Applied Toxicology, 2001, 21, 485-494.	1.4	47
168	Effect of selective lipid extraction from different body regions on epidermal barrier function. Pharmaceutical Research, 2001, 18, 992-998.	1.7	51
169	Efficacy of topical phenol decontamination strategies on severity of acute phenol chemical burns and dermal absorption: in vitro and in vivo studies in pig skin. Toxicology and Industrial Health, 2001, 17, 95-104.	0.6	27
170	CHARACTERIZATION OF SULFUR MUSTARDâ€“INDUCED TOXICITY BY ENZYME HISTOCHEMISTRY IN PORCINE SKIN. , 2000, 10, 127-142.		5
171	Identification of early biomarkers of inflammation produced by keratinocytes exposed to jet fuels jet A, JP-8, and JP-8(100). Journal of Biochemical and Molecular Toxicology, 2000, 14, 231-237.	1.4	65
172	Comparative in vitro percutaneous absorption of nonylphenol and nonylphenol ethoxylates (NPE-4) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	25
173	Comparative in vitro percutaneous absorption of nonylphenol and nonylphenol ethoxylates (NPE-4) Tj ETQq1 1 0.784314 rgBT /Overl	0.6	1
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