

Maureen A Kane

List of Publications by Year in descending order

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146
papers

5,017
citations

94433

37
h-index

118850

62
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151
all docs

151
docs citations

151
times ranked

7125
citing authors

#	ARTICLE	IF	CITATIONS
1	Retinoic Acid from the Meninges Regulates Cortical Neuron Generation. <i>Cell</i> , 2009, 139, 597-609.	28.9	366
2	Quantitative Profiling of Endogenous Retinoic Acid in Vivo and in Vitro by Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2008, 80, 1702-1708.	6.5	209
3	Sustained virologic control in SIV ⁺ macaques after antiretroviral and $\hat{\pm}$ ₄ \hat{I}^2 ₇ antibody therapy. <i>Science</i> , 2016, 354, 197-202.	12.6	194
4	Quantification of endogenous retinoic acid in limited biological samples by LC/MS/MS. <i>Biochemical Journal</i> , 2005, 388, 363-369.	3.7	185
5	HPLC/UV quantitation of retinal, retinol, and retinyl esters in serum and tissues. <i>Analytical Biochemistry</i> , 2008, 378, 71-79.	2.4	153
6	Reproductive tract extracellular vesicles are sufficient to transmit intergenerational stress and program neurodevelopment. <i>Nature Communications</i> , 2020, 11, 1499.	12.8	125
7	Quantification of Endogenous Retinoids. <i>Methods in Molecular Biology</i> , 2010, 652, 1-54.	0.9	113
8	MyD88 and Retinoic Acid Signaling Pathways Interact to Modulate Gastrointestinal Activities of Dendritic Cells. <i>Gastroenterology</i> , 2011, 141, 176-185.	1.3	106
9	Identification of 9- <i>cis</i> -retinoic acid as a pancreas-specific autacoid that attenuates glucose-stimulated insulin secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21884-21889.	7.1	102
10	Vitamin A facilitates enteric nervous system precursor migration by reducing Pten accumulation. <i>Development (Cambridge)</i> , 2010, 137, 631-640.	2.5	98
11	The retinaldehyde reductase DHRS3 is essential for preventing the formation of excess retinoic acid during embryonic development. <i>FASEB Journal</i> , 2013, 27, 4877-4889.	0.5	98
12	PLA2G4A/cPLA2-mediated lysosomal membrane damage leads to inhibition of autophagy and neurodegeneration after brain trauma. <i>Autophagy</i> , 2020, 16, 466-485.	9.1	95
13	Characterization of SARS-CoV-2 proteins reveals Orf6 pathogenicity, subcellular localization, host interactions and attenuation by Selinexor. <i>Cell and Bioscience</i> , 2021, 11, 58.	4.8	92
14	Analysis, occurrence, and function of 9-cis-retinoic acid. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 10-20.	2.4	86
15	Retinol Esterification by DGAT1 Is Essential for Retinoid Homeostasis in Murine Skin. <i>Journal of Biological Chemistry</i> , 2009, 284, 4292-4299.	3.4	83
16	Altered vitamin A homeostasis and increased size and adiposity in the rdhla ^Δ mouse. <i>FASEB Journal</i> , 2007, 21, 2886-2896.	0.5	81
17	Bacteria induce skin regeneration via IL-1 \hat{I}^2 signaling. <i>Cell Host and Microbe</i> , 2021, 29, 777-791.e6.	11.0	78
18	Retinoic acid receptors are required for skeletal growth, matrix homeostasis and growth plate function in postnatal mouse. <i>Developmental Biology</i> , 2009, 328, 315-327.	2.0	75

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19	Ethanol elevates physiological all-trans-retinoic acid levels in select loci through altering retinoid metabolism in multiple loci: a potential mechanism of ethanol toxicity. <i>FASEB Journal</i> , 2010, 24, 823-832.	0.5	73
20	Iron Depletion Enhances Production of Antimicrobials by <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2015, 197, 2265-2275.	2.2	70
21	Generic lamotrigine versus brand-name Lamictal bioequivalence in patients with epilepsy: A field test of the FDA bioequivalence standard. <i>Epilepsia</i> , 2015, 56, 1415-1424.	5.1	68
22	Noncoding dsRNA induces retinoic acid synthesis to stimulate hair follicle regeneration via TLR3. <i>Nature Communications</i> , 2019, 10, 2811.	12.8	64
23	Use of Fast HPLC Multiple Reaction Monitoring Cubed for Endogenous Retinoic Acid Quantification in Complex Matrices. <i>Analytical Chemistry</i> , 2015, 87, 3222-3230.	6.5	57
24	Col1a1+ perivascular cells in the brain are a source of retinoic acid following stroke. <i>BMC Neuroscience</i> , 2016, 17, 49.	1.9	57
25	Multiple Retinol and Retinal Dehydrogenases Catalyze All-trans-retinoic Acid Biosynthesis in Astrocytes. <i>Journal of Biological Chemistry</i> , 2011, 286, 6542-6553.	3.4	56
26	Proteomic Analysis of the <i>Pseudomonas aeruginosa</i> Iron Starvation Response Reveals PrrF Small Regulatory RNA-Dependent Iron Regulation of Twitching Motility, Amino Acid Metabolism, and Zinc Homeostasis Proteins. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	54
27	All-Trans Retinoic Acid Activity in Acute Myeloid Leukemia: Role of Cytochrome P450 Enzyme Expression by the Microenvironment. <i>PLoS ONE</i> , 2015, 10, e0127790.	2.5	54
28	Rdh12 Activity and Effects on Retinoid Processing in the Murine Retina. <i>Journal of Biological Chemistry</i> , 2009, 284, 21468-21477.	3.4	46
29	Citrulline as a Biomarker in the Non-human Primate Total- and Partial-body Irradiation Models. <i>Health Physics</i> , 2015, 109, 440-451.	0.5	46
30	Electron-induced dissociation (EID) for structure characterization of glycerophosphatidylcholine: determination of double bond positions and localization of acyl chains. <i>Journal of Mass Spectrometry</i> , 2015, 50, 1327-1339.	1.6	45
31	PAMDB: a comprehensive <i>Pseudomonas aeruginosa</i> metabolome database. <i>Nucleic Acids Research</i> , 2018, 46, D575-D580.	14.5	45
32	The <i>Pseudomonas aeruginosa</i> PrrF Small RNAs Regulate Iron Homeostasis during Acute Murine Lung Infection. <i>Infection and Immunity</i> , 2017, 85, .	2.2	44
33	Human bone marrow niche chemoprotection mediated by cytochrome p450 enzymes. <i>Oncotarget</i> , 2015, 6, 14905-14912.	1.8	44
34	Retinoic Acid Is a Cofactor for Translational Regulation of Vascular Endothelial Growth Factor in Human Endometrial Stromal Cells. <i>Molecular Endocrinology</i> , 2010, 24, 148-160.	3.7	43
35	A Mollusk Retinoic Acid Receptor (RAR) Ortholog Sheds Light on the Evolution of Ligand Binding. <i>Endocrinology</i> , 2014, 155, 4275-4286.	2.8	43
36	Identification and Quantitation of Biomarkers for Radiation-induced Injury via Mass Spectrometry. <i>Health Physics</i> , 2014, 106, 106-119.	0.5	43

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37	The <i>Pseudomonas aeruginosa</i> PrrF1 and PrrF2 Small Regulatory RNAs Promote 2-Alkyl-4-Quinolone Production through Redundant Regulation of the <i>antR</i> mRNA. <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	43
38	<i>Crbpl</i> Modulates Glucose Homeostasis and Pancreas α -Retinoic Acid Concentrations. <i>Molecular and Cellular Biology</i> , 2011, 31, 3277-3285.	2.3	42
39	Inflation-Fixation Method for Lipidomic Mapping of Lung Biopsies by Matrix Assisted Laser Desorption/Ionization-Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2016, 88, 4788-4794.	6.5	40
40	Neutrophil microparticle production and inflammasome activation by hyperglycemia due to cytoskeletal instability. <i>Journal of Biological Chemistry</i> , 2017, 292, 18312-18324.	3.4	40
41	Retinoic Acid Biosynthesis Is Impaired in Human and Murine Endometriosis. <i>Biology of Reproduction</i> , 2014, 91, 84.	2.7	38
42	Citrulline as a Biomarker in the Murine Total-Body Irradiation Model. <i>Health Physics</i> , 2015, 109, 452-465.	0.5	38
43	The ancestral retinoic acid receptor was a low-affinity sensor triggering neuronal differentiation. <i>Science Advances</i> , 2018, 4, eaao1261.	10.3	37
44	Endogenous Retinoids in Mammalian Growth Plate Cartilage. <i>Journal of Biological Chemistry</i> , 2010, 285, 36674-36681.	3.4	36
45	Morphological defects in a novel <i>Rdh10</i> mutant that has reduced retinoic acid biosynthesis and signaling. <i>Genesis</i> , 2012, 50, 415-423.	1.6	35
46	cPLA2 activation contributes to lysosomal defects leading to impairment of autophagy after spinal cord injury. <i>Cell Death and Disease</i> , 2019, 10, 531.	6.3	35
47	<i>Crbpl</i> regulates mammary retinoic acid homeostasis and the mammary microenvironment. <i>FASEB Journal</i> , 2013, 27, 1904-1916.	0.5	34
48	Development and validation of a LC-MS/MS assay for quantitation of plasma citrulline for application to animal models of the acute radiation syndrome across multiple species. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4663-4675.	3.7	34
49	Pathogenesis of Endometriosis: Roles of Retinoids and Inflammatory Pathways. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 246-256.	1.1	34
50	Effect of Sex on Biomarker Response in a Mouse Model of the Hematopoietic Acute Radiation Syndrome. <i>Health Physics</i> , 2019, 116, 484-502.	0.5	34
51	Alterations in retinoic acid signaling affect the development of the mouse coronary vasculature. <i>Developmental Dynamics</i> , 2018, 247, 976-991.	1.8	33
52	Radiation Nephropathy in a Nonhuman Primate Model of Partial-body Irradiation with Minimal Bone Marrow Sparing-Part 1: Acute and Chronic Kidney Injury and the Influence of Neupogen. <i>Health Physics</i> , 2019, 116, 401-408.	0.5	30
53	Cystic Fibrosis Isolates of <i>Pseudomonas aeruginosa</i> Retain Iron-Regulated Antimicrobial Activity against <i>Staphylococcus aureus</i> through the Action of Multiple Alkylquinolones. <i>Frontiers in Microbiology</i> , 2016, 7, 1171.	3.5	29
54	Two functionally redundant sources of retinoic acid secure spermatogonia differentiation in the seminiferous epithelium. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	29

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55	LIPG signaling promotes tumor initiation and metastasis of human basal-like triple-negative breast cancer. <i>ELife</i> , 2018, 7, .	6.0	29
56	Parkin-independent mitophagy via Drp1-mediated outer membrane severing and inner membrane ubiquitination. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	29
57	Retinoic acid signaling promotes the cytoskeletal rearrangement of embryonic epicardial cells. <i>FASEB Journal</i> , 2018, 32, 3765-3781.	0.5	28
58	Planar bile acids in health and disease. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 2269-2276.	2.6	27
59	Targeted Metabolomics Identifies Pharmacodynamic Biomarkers for BIO 300 Mitigation of Radiation-Induced Lung Injury. <i>Pharmaceutical Research</i> , 2017, 34, 2698-2709.	3.5	25
60	Lipidomic dysregulation within the lung parenchyma following whole-thorax lung irradiation: Markers of injury, inflammation and fibrosis detected by MALDI-MSI. <i>Scientific Reports</i> , 2017, 7, 10343.	3.3	25
61	Effects of ATP-competitive and function-selective ERK inhibitors on airway smooth muscle cell proliferation. <i>FASEB Journal</i> , 2019, 33, 10833-10843.	0.5	25
62	Transcriptome profiling reveals that VNPP433-3 ¹² , the lead next-generation galeterone analog inhibits prostate cancer stem cells by downregulating epithelial-mesenchymal transition and stem cell markers. <i>Molecular Carcinogenesis</i> , 2022, 61, 643-654.	2.7	25
63	Binding affinities of CRBPI and CRBPII for 9-cis-retinoids. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2011, 1810, 514-518.	2.4	24
64	A role for retinoids in human oocyte fertilization: regulation of connexin 43 by retinoic acid in cumulus granulosa cells. <i>Molecular Human Reproduction</i> , 2015, 21, 527-534.	2.8	24
65	Ultrapformance convergence chromatography-high resolution tandem mass spectrometry for lipid biomarker profiling and identification. <i>Biomedical Chromatography</i> , 2017, 31, e3822.	1.7	24
66	Proteomic Evaluation of the Acute Radiation Syndrome of the Gastrointestinal Tract in a Murine Total-body Irradiation Model. <i>Health Physics</i> , 2019, 116, 516-528.	0.5	23
67	Acute Proteomic Changes in the Lung After WTLI in a Mouse Model: Identification of Potential Initiating Events for Delayed Effects of Acute Radiation Exposure. <i>Health Physics</i> , 2019, 116, 503-515.	0.5	23
68	Modulation of retinoid signaling: therapeutic opportunities in organ fibrosis and repair. , 2020, 205, 107415.		23
69	<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> BB-12 Protects against Antibiotic-Induced Functional and Compositional Changes in Human Fecal Microbiome. <i>Nutrients</i> , 2021, 13, 2814.	4.1	22
70	Proteomic Evaluation of the Natural History of the Acute Radiation Syndrome of the Gastrointestinal Tract in a Non-human Primate Model of Partial-body Irradiation with Minimal Bone Marrow Sparing Includes Dysregulation of the Retinoid Pathway. <i>Health Physics</i> , 2020, 119, 604-620.	0.5	21
71	A MALDI-MSI Approach to the Characterization of Radiation-Induced Lung Injury and Medical Countermeasure Development. <i>Health Physics</i> , 2015, 109, 466-478.	0.5	20
72	Galeterone and The Next Generation Galeterone Analogs, VNPP414 and VNPP433-3 ¹² Exert Potent Therapeutic Effects in Castration-/Drug-Resistant Prostate Cancer Preclinical Models In Vitro and In Vivo. <i>Cancers</i> , 2019, 11, 1637.	3.7	20

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73	Proteomics of Non-human Primate Plasma after Partial-body Radiation with Minimal Bone Marrow Sparing. <i>Health Physics</i> , 2020, 119, 621-632.	0.5	20
74	Elevated Glucosylsphingosine in Gaucher Disease induced Pluripotent Stem Cell Neurons Deregulates Lysosomal Compartment through Mammalian Target of Rapamycin Complex \hat{A} 1. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1081-1094.	3.3	19
75	Cardiac retinoic acid levels decline in heart failure. <i>JCI Insight</i> , 2021, 6, .	5.0	19
76	The Novel Mnk1/2 Degradar and Apoptosis Inducer VNLG-152 Potently Inhibits TNBC Tumor Growth and Metastasis. <i>Cancers</i> , 2019, 11, 299.	3.7	18
77	ARS, DEARE, and Multiple-organ Injury: A Strategic and Tactical Approach to Link Radiation Effects, Animal Models, Medical Countermeasures, and Biomarker Development to Predict Clinical Outcome. <i>Health Physics</i> , 2019, 116, 453-453.	0.5	18
78	Targeted Metabolomics Reveals Metabolomic Signatures Correlating Gastrointestinal Tissue to Plasma in a Mouse Total-body Irradiation Model. <i>Health Physics</i> , 2019, 116, 473-483.	0.5	18
79	Species-Specific Differences in the Expression and Regulation of \hat{A} 27 Integrin in Various Nonhuman Primates. <i>Journal of Immunology</i> , 2015, 194, 5968-5979.	0.8	17
80	Metabolomics of Multiorgan Radiation Injury in Non-human Primate Model Reveals System-wide Metabolic Perturbations. <i>Health Physics</i> , 2021, 121, 395-405.	0.5	17
81	Characterizing the Natural History of Acute Radiation Syndrome of the Gastrointestinal Tract: Combining High Mass and Spatial Resolution Using MALDI-FTICR-MSI. <i>Health Physics</i> , 2019, 116, 454-472.	0.5	16
82	Polydimethylsiloxane (PDMS) modulates CD38 expression, absorbs retinoic acid and may perturb retinoid signalling. <i>Lab on A Chip</i> , 2016, 16, 1473-1483.	6.0	15
83	MALDI-MSI spatially maps N-glycan alterations to histologically distinct pulmonary pathologies following irradiation. <i>Scientific Reports</i> , 2020, 10, 11559.	3.3	15
84	Fast liquid chromatography-tandem mass spectrometry method for simultaneous determination of eight antiepileptic drugs and an active metabolite in human plasma using polarity switching and timed selected reaction monitoring. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 176, 112816.	2.8	14
85	Snapshots of Iron Speciation: Tracking the Fate of Iron Nanoparticle Drugs via a Liquid Chromatography \hat{A} Inductively Coupled Plasma \hat{A} Mass Spectrometric Approach. <i>Molecular Pharmaceutics</i> , 2019, 16, 1272-1281.	4.6	14
86	Retinoic Acid Is a Negative Regulator of sFLT1 Expression in Decidual Stromal Cells, and Its Levels Are Reduced in Preeclamptic Decidua. <i>Hypertension</i> , 2019, 73, 1104-1111.	2.7	14
87	A large portion of the astrocyte proteome is dedicated to perivascular endfeet, including critical components of the electron transport chain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2546-2560.	4.3	14
88	Transcriptomic, proteomic, and metabolomic analyses identify candidate pathways linking maternal cadmium exposure to altered neurodevelopment and behavior. <i>Scientific Reports</i> , 2021, 11, 16302.	3.3	14
89	Developmental Timing of Trauma in Women Predicts Unique Extracellular Vesicle Proteome Signatures. <i>Biological Psychiatry</i> , 2022, 91, 273-282.	1.3	14
90	Surgical Management of Caseous Calcification of the Mitral Annulus. <i>Annals of Thoracic Surgery</i> , 2015, 99, 2231-2233.	1.3	12

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91	Molecular Basis of Metabolism-Mediated Conversion of PK11195 from an Antagonist to an Agonist of the Constitutive Androstane Receptor. <i>Molecular Pharmacology</i> , 2017, 92, 75-87.	2.3	12
92	The Functional Consequences of the Novel Ribosomal Pausing Site in SARS-CoV-2 Spike Glycoprotein RNA. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6490.	4.1	12
93	TLR7 Mediates Acute Respiratory Distress Syndrome in Sepsis by Sensing Extracellular miR-146a. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, 375-388.	2.9	12
94	BCL-xL/MCL-1 inhibition and RAR β antagonism work cooperatively in human HL60 leukemia cells. <i>Experimental Cell Research</i> , 2014, 327, 183-191.	2.6	10
95	Evaluation of Plasma Biomarker Utility for the Gastrointestinal Acute Radiation Syndrome in Non-human Primates after Partial Body Irradiation with Minimal Bone Marrow Sparing through Correlation with Tissue and Histological Analyses. <i>Health Physics</i> , 2020, 119, 594-603.	0.5	10
96	Development and bioanalytical method validation of an LC-MS/MS assay for simultaneous quantitation of 2-alkyl-4(1H)-quinolones for application in bacterial cell culture and lung tissue. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1521-1534.	3.7	10
97	The Human Innate Immune Protein Calprotectin Elicits a Multimetal Starvation Response in <i>Pseudomonas aeruginosa</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0051921.	3.0	10
98	Acute Proteomic Changes in Lung after Radiation: Toward Identifying Initiating Events of Delayed Effects of Acute Radiation Exposure in Non-human Primate after Partial Body Irradiation with Minimal Bone Marrow Sparing. <i>Health Physics</i> , 2021, 121, 384-394.	0.5	10
99	Novel galeterone analogs act independently of AR and AR-V7 for the activation of the unfolded protein response and induction of apoptosis in the CWR22Rv1 prostate cancer cell model. <i>Oncotarget</i> , 2017, 8, 88501-88516.	1.8	10
100	Blocking the PAH2 domain of Sin3A inhibits tumorigenesis and confers retinoid sensitivity in triple negative breast cancer. <i>Oncotarget</i> , 2016, 7, 43689-43702.	1.8	10
101	Dysregulated retinoic acid signaling in airway smooth muscle cells in asthma. <i>FASEB Journal</i> , 2021, 35, e22016.	0.5	10
102	Prenatal alcohol exposure prevalence as measured by direct ethanol metabolites in meconium in a Native American tribe of the southwest. <i>Birth Defects Research</i> , 2018, 111, 53-61.	1.5	9
103	Set of Highly Stable Amine- and Carboxylate-Terminated Dendronized Au Nanoparticles with Dense Coating and Nontoxic Mixed-Dendronized Form. <i>Langmuir</i> , 2019, 35, 3391-3403.	3.5	9
104	Detection and Structural Characterization of Ether Glycerophosphoethanolamine from Cortical Lysosomes Following Traumatic Brain Injury Using UPLC-HDMS-ESI/MS. <i>Proteomics</i> , 2019, 19, e1800297.	2.2	9
105	Role of Gold in Inflammation and Tristetraprolin Activity. <i>Chemistry - A European Journal</i> , 2020, 26, 1535-1547.	3.3	9
106	Static Growth Promotes PrrF and 2-Alkyl-4(1H)-Quinolone Regulation of Type VI Secretion Protein Expression in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	9
107	Comparative proteomic analysis of SLC13A5 knockdown reveals elevated ketogenesis and enhanced cellular toxic response to chemotherapeutic agents in HepG2 cells. <i>Toxicology and Applied Pharmacology</i> , 2020, 402, 115117.	2.8	9
108	MRP5 and MRP9 play a concerted role in male reproduction and mitochondrial function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	9

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109	Quantification of Lamotrigine in Patient Plasma Using a Fast Liquid Chromatography-Tandem Mass Spectrometry Method With Backflush Technology. <i>Therapeutic Drug Monitoring</i> , 2015, 37, 188-197.	2.0	8
110	ARS, DEARE, and Multiple-organ Injury: A Strategic and Tactical Approach to Link Radiation Effects, Animal Models, Medical Countermeasures, and Biomarker Development to Predict Clinical Outcome. <i>Health Physics</i> , 2019, 116, 297-304.	0.5	8
111	Quantification of common and planar bile acids in tissues and cultured cells. <i>Journal of Lipid Research</i> , 2020, 61, 1524-1535.	4.2	8
112	Alternatively Activated Macrophages Are the Primary Retinoic Acid-Producing Cells in Human Decidua. <i>Reproductive Sciences</i> , 2020, 27, 334-341.	2.5	8
113	Acute Proteomic Changes in Non-human Primate Kidney after Partial-body Radiation with Minimal Bone Marrow Sparing. <i>Health Physics</i> , 2021, 121, 345-351.	0.5	8
114	Multi-omic Analysis of Non-human Primate Heart after Partial-body Radiation with Minimal Bone Marrow Sparing. <i>Health Physics</i> , 2021, 121, 352-371.	0.5	8
115	Structure-specific, accurate quantitation of plasmalogen glycerophosphoethanolamine. <i>Analytica Chimica Acta</i> , 2021, 1186, 339088.	5.4	8
116	Identifying vitamin A signaling by visualizing gene and protein activity, and by quantification of vitamin A metabolites. <i>Methods in Enzymology</i> , 2020, 637, 367-418.	1.0	8
117	Therapeutic potential of Bcl-xl/Mcl-1 synthetic inhibitor JY-1-106 and retinoids for human triple-negative breast cancer treatment. <i>Oncology Letters</i> , 2018, 15, 7231-7236.	1.8	7
118	Lack of Cellular Inflammation in a Non-human Primate Model of Radiation Nephropathy. <i>Health Physics</i> , 2020, 119, 588-593.	0.5	7
119	Altered RBP1 Gene Expression Impacts Epithelial Cell Retinoic Acid, Proliferation, and Microenvironment. <i>Cells</i> , 2022, 11, 792.	4.1	7
120	Lack of an Effect of Polysorbate 80 on Intestinal Drug Permeability in Humans. <i>Pharmaceutical Research</i> , 2022, 39, 1881-1890.	3.5	7
121	Quantifying Kinase-Specific Phosphorylation Stoichiometry Using Stable Isotope Labeling In a Reverse In-Gel Kinase Assay. <i>Analytical Chemistry</i> , 2016, 88, 11468-11475.	6.5	6
122	Cigalike electronic nicotine delivery systems e-liquids contain variable levels of metals. <i>Scientific Reports</i> , 2020, 10, 11907.	3.3	6
123	Cadmium Exchange with Zinc in the Non-Classical Zinc Finger Protein Tristetraprolin. <i>Inorganic Chemistry</i> , 2021, 60, 7697-7707.	4.0	6
124	Quantitation of the Noncovalent Cellular Retinol-Binding Protein, Type 1 Complex Through Native Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 29-37.	2.8	5
125	High concentrations of urinary ethanol metabolites in neonatal intensive care unit infants. <i>Pediatric Research</i> , 2020, 88, 865-870.	2.3	5
126	Retinoic Acid Improves the Recovery of Replication-Competent Virus from Latent SIV Infected Cells. <i>Cells</i> , 2020, 9, 2076.	4.1	5

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127	Mechanistic Analysis of an Extracellular Signalâ€‘Regulated Kinase 2â€‘Interacting Compound that Inhibits Mutant BRAF-Expressing Melanoma Cells by Inducing Oxidative Stress. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 376, 84-97.	2.5	5
128	Evaluation of the Physicochemical Properties of the Iron Nanoparticle Drug Products: Brand and Generic Sodium Ferric Gluconate. <i>Molecular Pharmaceutics</i> , 2021, 18, 1544-1557.	4.6	5
129	Retinoic acid production, regulation and containment through Zic1, Pitx2c and Cyp26c1 control cranial placode specification. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	5
130	Effect of Radiation on the Essential Nutrient Homeostasis and Signaling of Retinoids in a Non-human Primate Model with Minimal Bone Marrow Sparing. <i>Health Physics</i> , 2021, 121, 406-418.	0.5	5
131	Aberrant retinoic acid production in the decidua: Implications for preâ€‘eclampsia. <i>Journal of Obstetrics and Gynaecology Research</i> , 2020, 46, 1007-1016.	1.3	4
132	MAPLE: A Microbiome Analysis Pipeline Enabling Optimal Peptide Search and Comparative Taxonomic and Functional Analysis. <i>Journal of Proteome Research</i> , 2021, 20, 2882-2894.	3.7	4
133	Effect of Ibuprofen on Skeletal Muscle of Dysferlin-Null Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 364, 409-419.	2.5	3
134	A subset of mobilized human hematopoietic stem cells express germ layer lineage genes which can be modulated by culture conditions. <i>Stem Cell Research and Therapy</i> , 2018, 9, 127.	5.5	3
135	Intracellular homocysteine metabolites in SLE: plasma S-adenosylhomocysteine correlates with coronary plaque burden. <i>Lupus Science and Medicine</i> , 2021, 8, e000453.	2.7	3
136	Complementary Lipidomic, Proteomic, and Mass Spectrometry Imaging Approach to the Characterization of the Acute Effects of Radiation in the Non-human Primate Mesenteric Lymph Node after Partial-body Irradiation with Minimal Bone Marrow Sparing. <i>Health Physics</i> , 2021, 121, 372-383.	0.5	3
137	Proteomic Changes in the Monolayer and Spheroid Melanoma Cell Models of Acquired Resistance to BRAF and MEK1/2 Inhibitors. <i>ACS Omega</i> , 2022, 7, 3293-3311.	3.5	3
138	Role of cellular retinolâ€‘binding protein, type 1 and retinoid homeostasis in the adult mouse heart: A multiâ€‘omic approach. <i>FASEB Journal</i> , 2022, 36, e22242.	0.5	3
139	Actions of Retinoic Acid in the Pathophysiology of HIV Infection. <i>Nutrients</i> , 2022, 14, 1611.	4.1	3
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