

# Robert E Settlage

## List of Publications by Year in descending order

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44  
papers

2,456  
citations

361413

20  
h-index

254184

43  
g-index

46  
all docs

46  
docs citations

46  
times ranked

3903  
citing authors

#	ARTICLE	IF	CITATIONS
1	A large nucleolar U3 ribonucleoprotein required for 18S ribosomal RNA biogenesis. <i>Nature</i> , 2002, 417, 967-970.	27.8	618
2	Androgen Receptor Phosphorylation. <i>Journal of Biological Chemistry</i> , 2002, 277, 29304-29314.	3.4	299
3	A Myosin I Isoform in the Nucleus. <i>Science</i> , 2000, 290, 337-341.	12.6	220
4	Host adaptive immunity alters gut microbiota. <i>ISME Journal</i> , 2015, 9, 770-781.	9.8	198
5	Biochemical Identification of a Mutated Human Melanoma Antigen Recognized by CD4+ T Cells. <i>Journal of Experimental Medicine</i> , 1999, 189, 757-766.	8.5	171
6	Alterations of a Cellular Cholesterol Metabolism Network Are a Molecular Feature of Obesity-Related Type 2 Diabetes and Cardiovascular Disease. <i>Diabetes</i> , 2015, 64, 3464-3474.	0.6	82
7	Immunodominance Among EBV-Derived Epitopes Restricted by HLA-B27 Does Not Correlate with Epitope Abundance in EBV-Transformed B-Lymphoblastoid Cell Lines. <i>Journal of Immunology</i> , 2000, 164, 6120-6129.	0.8	73
8	A Receptor for Activated C Kinase Is Part of Messenger Ribonucleoprotein Complexes Associated with PolyA-mRNAs in Neurons. <i>Journal of Neuroscience</i> , 2002, 22, 8827-8837.	3.6	66
9	A novel $\mu$ -ESI source for coupling capillary electrophoresis and mass spectrometry: Sequence determination of tumor peptides at the attomole level. <i>Journal of Separation Science</i> , 1998, 10, 281-285.	1.0	59
10	High Resolution Discovery Proteomics Reveals Candidate Disease Progression Markers of Alzheimer's Disease in Human Cerebrospinal Fluid. <i>PLoS ONE</i> , 2015, 10, e0135365.	2.5	57
11	Identification of the Surfactant Protein A Receptor 210 as the Unconventional Myosin 18A. <i>Journal of Biological Chemistry</i> , 2005, 280, 34447-34457.	3.4	49
12	Quantitative Analysis of Histone Deacetylase-1 Selective Histone Modifications by Differential Mass Spectrometry. <i>Journal of Proteome Research</i> , 2008, 7, 5177-5186.	3.7	45
13	Application of an End-to-End Biomarker Discovery Platform to Identify Target Engagement Markers in Cerebrospinal Fluid by High Resolution Differential Mass Spectrometry. <i>Journal of Proteome Research</i> , 2010, 9, 1392-1401.	3.7	45
14	Specific labeling of synaptic schwann cells reveals unique cellular and molecular features. <i>ELife</i> , 2020, 9, .	6.0	45
15	Proteomic Characterization of Messenger Ribonucleoprotein Complexes Bound to Nontranslated or Translated Poly(A) mRNAs in the Rat Cerebral Cortex. <i>Journal of Biological Chemistry</i> , 2005, 280, 6496-6503.	3.4	39
16	Discovery of Novel Antimicrobial Peptides from <i>Varanus komodoensis</i> (Komodo Dragon) by Large-Scale Analyses and De-Novo-Assisted Sequencing Using Electron-Transfer Dissociation Mass Spectrometry. <i>Journal of Proteome Research</i> , 2017, 16, 1470-1482.	3.7	39
17	Response of the Hepatic Transcriptome to Aflatoxin B1 in Domestic Turkey ( <i>Meleagris gallopavo</i> ). <i>PLoS ONE</i> , 2014, 9, e100930.	2.5	28
18	RNA-Seq Analysis of Developing Pecan ( <i>Carya illinoensis</i> ) Embryos Reveals Parallel Expression Patterns among Allergen and Lipid Metabolism Genes. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1443-1455.	5.2	27

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19	Modulation of the spleen transcriptome in domestic turkey ( <i>Meleagris gallopavo</i> ) in response to aflatoxin B1 and probiotics. <i>Immunogenetics</i> , 2015, 67, 163-178.	2.4	24
20	<i>Fusobacterium</i> Genomics Using MinION and Illumina Sequencing Enables Genome Completion and Correction. <i>MSphere</i> , 2018, 3, .	2.9	23
21	Characterizing the Genetic Basis for Nicotine Induced Cancer Development: A Transcriptome Sequencing Study. <i>PLoS ONE</i> , 2013, 8, e67252.	2.5	22
22	Genomic Signatures of Speciation in Sympatric and Allopatric Hawaiian Picture-Winged <i>Drosophila</i> . <i>Genome Biology and Evolution</i> , 2016, 8, 1482-1488.	2.5	21
23	Identification of peptidase substrates in human plasma by FTMS based differential mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2007, 259, 174-183.	1.5	20
24	The ABRF Proteomics Research Group Studies: Educational exercises for qualitative and quantitative proteomic analyses. <i>Proteomics</i> , 2011, 11, 1371-1381.	2.2	18
25	Cutting Edge: Plasmacytoid Dendritic Cells in Late-Stage Lupus Mice Defective in Producing IFN- $\gamma$ . <i>Journal of Immunology</i> , 2015, 195, 4578-4582.	0.8	18
26	Gene Expression Profiling of Human Vaginal Cells In Vitro Discriminates Compounds with Pro-Inflammatory and Mucosa-Altering Properties: Novel Biomarkers for Preclinical Testing of HIV Microbicide Candidates. <i>PLoS ONE</i> , 2015, 10, e0128557.	2.5	17
27	The Beginning of the End: A Chromosomal Assembly of the New World Malaria Mosquito Ends with a Novel Telomere. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 3811-3819.	1.8	17
28	The microRNA miR-133b functions to slow Duchenne muscular dystrophy pathogenesis. <i>Journal of Physiology</i> , 2021, 599, 171-192.	2.9	15
29	Revised Genome Sequence of <i>Brucella suis</i> 1330. <i>Journal of Bacteriology</i> , 2011, 193, 6410-6410.	2.2	13
30	The Endoribonuclease RNase E Coordinates Expression of mRNAs and Small Regulatory RNAs and Is Critical for the Virulence of <i>Brucella abortus</i> . <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	12
31	Differential Mass Spectrometry of Rat Plasma Reveals Proteins That Are Responsive to 17 $\beta$ -Estradiol and a Selective Estrogen Receptor Modulator PPT. <i>Journal of Proteome Research</i> , 2008, 7, 4373-4383.	3.7	11
32	Hypothalamic differences in expression of genes involved in monoamine synthesis and signaling pathways after insulin injection in chickens from lines selected for high and low body weight. <i>Neurogenetics</i> , 2015, 16, 133-144.	1.4	11
33	Complete Genome Sequence of <i>Brucella suis</i> VBI22, Isolated from Bovine Milk. <i>Journal of Bacteriology</i> , 2012, 194, 910-910.	2.2	10
34	Targeted capture enrichment and sequencing identifies extensive nucleotide variation in the turkey MHC-B. <i>Immunogenetics</i> , 2016, 68, 219-229.	2.4	6
35	Roles of the proteasome and inhibitor of DNA binding 1 protein in myoblast differentiation. <i>FASEB Journal</i> , 2019, 33, 7403-7416.	0.5	6
36	Improved variation calling via an iterative backbone remapping and local assembly method for bacterial genomes. <i>Genomics</i> , 2012, 100, 271-276.	2.9	5

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37	Estimating transient populations of unmarked individuals at a migratory stopover site using generalized Nâ€mixture models. <i>Journal of Applied Ecology</i> , 2018, 55, 2917-2932.	4.0	5
38	Major histocompatibility complex genes and locus organization in the Komodo dragon ( <i>Varanus</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 7	2.4	5
39	Next-generation sequencing strategies for characterizing the turkey genome. <i>Poultry Science</i> , 2014, 93, 479-484.	3.4	4
40	Open OnDemand: State of the platform, project, and the future. <i>Concurrency Computation Practice and Experience</i> , 2021, 33, e6114.	2.2	4
41	Open OnDemand: HPC for Everyone. <i>Lecture Notes in Computer Science</i> , 2019, , 504-513.	1.3	3
42	A database of global coastal conditions. <i>Scientific Data</i> , 2021, 8, 304.	5.3	2
43	Open OnDemand as a Platform for Virtual Learning in Higher Education. <i>Lecture Notes in Networks and Systems</i> , 2022, , 323-331.	0.7	1
44	Portals for Interactive Steering of HPC Workflows. <i>Communications in Computer and Information Science</i> , 2020, , 179-189.	0.5	0