

Robert E Schwartz

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

16,548
citations

70961

41
h-index

54797

84
g-index

129
all docs

129
docs citations

129
times ranked

31629
citing authors

#	ARTICLE	IF	CITATIONS
1	System-wide transcriptome damage and tissue identity loss in COVID-19 patients. <i>Cell Reports Medicine</i> , 2022, 3, 100522.	3.3	24
2	Disulfiram inhibits neutrophil extracellular trap formation and protects rodents from acute lung injury and SARS-CoV-2 infection. <i>JCI Insight</i> , 2022, 7, .	2.3	54
3	Human biliary epithelial cells for regenerative medicine. <i>Cell Stem Cell</i> , 2022, 29, 345-347.	5.2	0
4	Booster vaccines for COVID-19 vaccine breakthrough cases?. <i>Lancet, The</i> , 2022, 399, 1224.	6.3	1
5	Coagulation factors directly cleave SARS-CoV-2 spike and enhance viral entry. <i>ELife</i> , 2022, 11, .	2.8	34
6	SARS-CoV-2 Infection Induces Ferroptosis of Sinoatrial Node Pacemaker Cells. <i>Circulation Research</i> , 2022, 130, 963-977.	2.0	49
7	Specification of fetal liver endothelial progenitors to functional zoned adult sinusoids requires c-Maf induction. <i>Cell Stem Cell</i> , 2022, 29, 593-609.e7.	5.2	32
8	Inflammatory responses in the placenta upon SARS-CoV-2 infection late in pregnancy. <i>IScience</i> , 2022, 25, 104223.	1.9	58
9	A diminished immune response underlies age-related SARS-CoV-2 pathologies. <i>Cell Reports</i> , 2022, 39, 111002.	2.9	20
10	SARS-CoV-2 infection in hamsters and humans results in lasting and unique systemic perturbations after recovery. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	129
11	Molecular clones of genetically distinct hepatitis B virus genotypes reveal distinct host and drug treatment responses. <i>JHEP Reports</i> , 2022, 4, 100535.	2.6	4
12	CRISPR screening uncovers a central requirement for HHEX in pancreatic lineage commitment and plasticity restriction. <i>Nature Cell Biology</i> , 2022, 24, 1064-1076.	4.6	15
13	Epidemiological evidence for association between higher influenza vaccine uptake in the elderly and lower COVID-19 deaths in Italy. <i>Journal of Medical Virology</i> , 2021, 93, 64-65.	2.5	131
14	Identification of SARS-CoV-2 inhibitors using lung and colonic organoids. <i>Nature</i> , 2021, 589, 270-275.	13.7	389
15	Hepatology Highlights. <i>Hepatology</i> , 2021, 73, 1-3.	3.6	0
16	Evolution of antibody immunity to SARS-CoV-2. <i>Nature</i> , 2021, 591, 639-644.	13.7	1,355
17	Hepatology Highlights. <i>Hepatology</i> , 2021, 73, 475-478.	3.6	0
18	Hepatology Highlights. <i>Hepatology</i> , 2021, 73, 877-880.	3.6	0

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19	Shotgun transcriptome, spatial omics, and isothermal profiling of SARS-CoV-2 infection reveals unique host responses, viral diversification, and drug interactions. <i>Nature Communications</i> , 2021, 12, 1660.	5.8	132
20	Peptide-based scaffolds for the culture and maintenance of primary human hepatocytes. <i>Scientific Reports</i> , 2021, 11, 6772.	1.6	25
21	The spatial landscape of lung pathology during COVID-19 progression. <i>Nature</i> , 2021, 593, 564-569.	13.7	249
22	Hepatology Highlights. <i>Hepatology</i> , 2021, 73, 1627-1630.	3.6	0
23	A molecular single-cell lung atlas of lethal COVID-19. <i>Nature</i> , 2021, 595, 114-119.	13.7	411
24	Hepatology Highlights. <i>Hepatology</i> , 2021, 73, 1245-1247.	3.6	0
25	An Immuno-Cardiac Model for Macrophage-Mediated Inflammation in COVID-19 Hearts. <i>Circulation Research</i> , 2021, 129, 33-46.	2.0	40
26	Cell and Tissue Therapy for the Treatment of Chronic Liver Disease. <i>Annual Review of Biomedical Engineering</i> , 2021, 23, 517-546.	5.7	9
27	Hepatology Highlights. <i>Hepatology</i> , 2021, 73, 2085-2088.	3.6	1
28	Intestinal Host Response to SARS-CoV-2 Infection and COVID-19 Outcomes in Patients With Gastrointestinal Symptoms. <i>Gastroenterology</i> , 2021, 160, 2435-2450.e34.	0.6	118
29	Aramchol downregulates stearyl CoA-desaturase 1 in hepatic stellate cells to attenuate cellular fibrogenesis. <i>JHEP Reports</i> , 2021, 3, 100237.	2.6	32
30	Hepatology Highlights. <i>Hepatology</i> , 2021, 74, 1-4.	3.6	5
31	Hepatology Highlights. <i>Hepatology</i> , 2021, 74, 539-542.	3.6	0
32	SARS-CoV-2 infection induces beta cell transdifferentiation. <i>Cell Metabolism</i> , 2021, 33, 1577-1591.e7.	7.2	123
33	Identifying FDA-approved drugs with multimodal properties against COVID-19 using a data-driven approach and a lung organoid model of SARS-CoV-2 entry. <i>Molecular Medicine</i> , 2021, 27, 105.	1.9	18
34	Hepatology Highlights. <i>Hepatology</i> , 2021, 74, 1137-1140.	3.6	0
35	Hepatology Highlights. <i>Hepatology</i> , 2021, 74, 1727-1729.	3.6	0
36	The NF- κ B Transcriptional Footprint Is Essential for SARS-CoV-2 Replication. <i>Journal of Virology</i> , 2021, 95, e0125721.	1.5	69

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37	Cardiomyocytes recruit monocytes upon SARS-CoV-2 infection by secreting CCL2. <i>Stem Cell Reports</i> , 2021, 16, 2274-2288.	2.3	37
38	Hyperglycemia in acute COVID-19 is characterized by insulin resistance and adipose tissue infectivity by SARS-CoV-2. <i>Cell Metabolism</i> , 2021, 33, 2174-2188.e5.	7.2	127
39	Genome-wide DNA methylation profiling of peripheral blood reveals an epigenetic signature associated with severe COVID-19. <i>Journal of Leukocyte Biology</i> , 2021, 110, 21-26.	1.5	82
40	Hepatology Highlights. <i>Hepatology</i> , 2021, 74, 2329-2332.	3.6	0
41	An airway organoid-based screen identifies a role for the HIF1 α -glycolysis axis in SARS-CoV-2 infection. <i>Cell Reports</i> , 2021, 37, 109920.	2.9	36
42	Adenosine deaminase 2 produced by infiltrative monocytes promotes liver fibrosis in nonalcoholic fatty liver disease. <i>Cell Reports</i> , 2021, 37, 109897.	2.9	4
43	SARS-CoV-2 Ion Channel ORF3a Enables TMEM16F-Dependent Phosphatidylserine Externalization to Augment Procoagulant Activity of the Tenase and Prothrombinase Complexes. <i>Blood</i> , 2021, 138, 1-1.	0.6	11
44	Comments on "An airway organoid-based screen identifies a role for the HIF1 α -glycolysis axis in SARS-CoV-2 infection". <i>Journal of Molecular Cell Biology</i> , 2021, , .	1.5	1
45	Dementia-linked TDP43 dysregulation in astrocytes impairs memory, antiviral signaling, and chemokine-mediated astrocytic-neuronal interactions. <i>Alzheimer's and Dementia</i> , 2021, 17, e058562.	0.4	1
46	Analysis of Host Responses to Hepatitis B and Delta Viral Infections in a Microscale Hepatic Co-culture System. <i>Hepatology</i> , 2020, 71, 14-30.	3.6	31
47	Extracellular Vesicle and Particle Biomarkers Define Multiple Human Cancers. <i>Cell</i> , 2020, 182, 1044-1061.e18.	13.5	691
48	Targeting potential drivers of COVID-19: Neutrophil extracellular traps. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	1,193
49	Hepatology Highlights. <i>Hepatology</i> , 2020, 72, 369-370.	3.6	0
50	An Adhesive Hydrogel with Load-Sharing Effect as Tissue Bandages for Drug and Cell Delivery. <i>Advanced Materials</i> , 2020, 32, e2001628.	11.1	128
51	Adaptable haemodynamic endothelial cells for organogenesis and tumorigenesis. <i>Nature</i> , 2020, 585, 426-432.	13.7	145
52	Hepatology Highlights. <i>Hepatology</i> , 2020, 72, 1893-1896.	3.6	0
53	Hepatology Highlights. <i>Hepatology</i> , 2020, 72, 1505-1508.	3.6	0
54	Gastrointestinal and Hepatic Manifestations of 2019 Novel Coronavirus Disease in a Large Cohort of Infected Patients From New York: Clinical Implications. <i>Gastroenterology</i> , 2020, 159, 1137-1140.e2.	0.6	127

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55	Long-term in vivo biocompatibility of single-walled carbon nanotubes. <i>PLoS ONE</i> , 2020, 15, e0226791.	1.1	52
56	Imbalanced Host Response to SARS-CoV-2 Drives Development of COVID-19. <i>Cell</i> , 2020, 181, 1036-1045.e9.	13.5	3,572
57	A Human Pluripotent Stem Cell-based Platform to Study SARS-CoV-2 Tropism and Model Virus Infection in Human Cells and Organoids. <i>Cell Stem Cell</i> , 2020, 27, 125-136.e7.	5.2	543
58	Banning carbon nanotubes would be scientifically unjustified and damaging to innovation. <i>Nature Nanotechnology</i> , 2020, 15, 164-166.	15.6	69
59	Hepatology Highlights. <i>Hepatology</i> , 2020, 71, 771-773.	3.6	0
60	Hepatology Highlights. <i>Hepatology</i> , 2020, 71, 405-407.	3.6	0
61	Hepatology Highlights. <i>Hepatology</i> , 2020, 71, 1-3.	3.6	2
62	Hepatology Highlights. <i>Hepatology</i> , 2020, 71, 1527-1529.	3.6	0
63	Hepatology Highlights. <i>Hepatology</i> , 2020, 71, 1143-1145.	3.6	0
64	Hedgehog Signaling Demarcates a Niche of Fibrogenic Peribiliary Mesenchymal Cells. <i>Gastroenterology</i> , 2020, 159, 624-638.e9.	0.6	30
65	SARS-COV-2 infection (coronavirus disease 2019) for the gastrointestinal consultant. <i>World Journal of Gastroenterology</i> , 2020, 26, 1546-1553.	1.4	46
66	Engineering transferrable microvascular meshes for subcutaneous islet transplantation. <i>Nature Communications</i> , 2019, 10, 4602.	5.8	63
67	Hepatology Highlights. <i>Hepatology</i> , 2019, 70, 1497-1499.	3.6	2
68	Targeting Hepatitis B Virus Covalently Closed Circular DNA and Hepatitis B Virus X Protein: Recent Advances and New Approaches. <i>ACS Infectious Diseases</i> , 2019, 5, 1657-1667.	1.8	12
69	Pre- and peri-implantation Zika virus infection impairs fetal development by targeting trophectoderm cells. <i>Nature Communications</i> , 2019, 10, 4155.	5.8	30
70	Hepatology Highlights. <i>Hepatology</i> , 2019, 69, 469-472.	3.6	0
71	Hepatology Highlights. <i>Hepatology</i> , 2019, 69, 2311-2314.	3.6	1
72	Hepatology Highlights. <i>Hepatology</i> , 2019, 69, 1365-1368.	3.6	1

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73	Hepatology Highlights. Hepatology, 2019, 69, 1849-1851.	3.6	0
74	Hepatology Highlights. Hepatology, 2019, 69, 927-930.	3.6	0
75	Hepatology Highlights. Hepatology, 2019, 70, 1881-1884.	3.6	0
76	Hepatology Highlights. Hepatology, 2019, 69, 1-4.	3.6	18
77	Conservation of cell-intrinsic immune responses in diverse nonhuman primate species. Life Science Alliance, 2019, 2, e201900495.	1.3	6
78	Hepatology Highlights. Hepatology, 2018, 67, 817-819.	3.6	0
79	Hepatology Highlights. Hepatology, 2018, 67, 1647-1650.	3.6	0
80	Hepatology Highlights. Hepatology, 2018, 67, 1195-1197.	3.6	0
81	Identification of distinct nanoparticles and subsets of extracellular vesicles by asymmetric flow field-flow fractionation. Nature Cell Biology, 2018, 20, 332-343.	4.6	1,101
82	Hepatology Highlights. Hepatology, 2018, 67, 461-463.	3.6	0
83	Hepatitis E virus: advances and challenges. Nature Reviews Gastroenterology and Hepatology, 2018, 15, 96-110.	8.2	219
84	An optical nanoreporter of endolysosomal lipid accumulation reveals enduring effects of diet on hepatic macrophages in vivo. Science Translational Medicine, 2018, 10, .	5.8	80
85	Identification of the Intragenomic Promoter Controlling Hepatitis E Virus Subgenomic RNA Transcription. MBio, 2018, 9, .	1.8	35
86	Preclinical assessment of antiviral combination therapy in a genetically humanized mouse model for hepatitis delta virus infection. Science Translational Medicine, 2018, 10, .	5.8	34
87	Co-transplantation of Human Ovarian Tissue with Engineered Endothelial Cells: A Cell-based Strategy Combining Accelerated Perfusion with Direct Paracrine Delivery. Journal of Visualized Experiments, 2018, , .	0.2	8
88	Endoscopic Sleeve Gastroplasty Significantly Reduces Body Mass Index and Metabolic Complications in Obese Patients. Clinical Gastroenterology and Hepatology, 2017, 15, 504-510.	2.4	182
89	High-Content Screening in hPSC-Neural Progenitors Identifies Drug Candidates that Inhibit Zika Virus Infection in Fetal-like Organoids and Adult Brain. Cell Stem Cell, 2017, 21, 274-283.e5.	5.2	214
90	Scalable Production and Cryostorage of Organoids Using Core-Shell Decoupled Hydrogel Capsules. Advanced Biology, 2017, 1, 1700165.	3.0	38

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91	Pluripotent Stem Cell-Derived Hepatocyte-like Cells: A Tool to Study Infectious Disease. <i>Current Pathobiology Reports</i> , 2016, 4, 147-156.	1.6	11
92	Hepatocarcinogenesis associated with hepatitis B, delta and C viruses. <i>Current Opinion in Virology</i> , 2016, 20, 1-10.	2.6	47
93	Engraftment of human induced pluripotent stem cell-derived hepatocytes in immunocompetent mice via 3D co-aggregation and encapsulation. <i>Scientific Reports</i> , 2015, 5, 16884.	1.6	72
94	Microbial-derived lithocholic acid and vitamin K2 drive the metabolic maturation of pluripotent stem cells-derived and fetal hepatocytes. <i>Hepatology</i> , 2015, 62, 265-278.	3.6	76
95	CRISPR/Cas9 cleavage of viral DNA efficiently suppresses hepatitis B virus. <i>Scientific Reports</i> , 2015, 5, 10833.	1.6	245
96	A cell culture system for distinguishing hepatitis C viruses with and without liver cancer-related mutations in the viral core gene. <i>Journal of Hepatology</i> , 2015, 63, 1323-1333.	1.8	22
97	Human iPSC-Derived Hepatocyte-like Cells Support Plasmodium Liver-Stage Infection In Vitro. <i>Stem Cell Reports</i> , 2015, 4, 348-359.	2.3	109
98	Pancreatic cancer exosomes initiate pre-metastatic niche formation in the liver. <i>Nature Cell Biology</i> , 2015, 17, 816-826.	4.6	2,064
99	Modeling host interactions with hepatitis B virus using primary and induced pluripotent stem cell-derived hepatocellular systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12193-12198.	3.3	220
100	Identification of small molecules for human hepatocyte expansion and iPS differentiation. <i>Nature Chemical Biology</i> , 2013, 9, 514-520.	3.9	230
101	Modeling hepatitis C virus infection using human induced pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2544-2548.	3.3	197
102	Humanized mice with ectopic artificial liver tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11842-11847.	3.3	144
103	Hepatic Stem Cells. <i>Methods in Molecular Biology</i> , 2010, 640, 167-179.	0.4	10
104	Endothelium-Mediated Hepatocyte Recruitment in the Establishment of Liver-like Tissue In Vitro. <i>Tissue Engineering</i> , 2006, 12, 1627-1638.	4.9	75
105	Defined Conditions for Development of Functional Hepatic Cells from Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2005, 14, 643-655.	1.1	126