Robert E Schwartz

List of Publications by Year
in descending order

105 papers	16,548 citations	71102 41 h-index	54911 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. Cell Reports Medicine, 2022, 3, 100522.	6.5	24
2	Disulfiram inhibits neutrophil extracellular trap formation and protects rodents from acute lung injury and SARS-CoV-2 infection. JCI Insight, 2022, 7, .	5.0	54
3	Human biliary epithelial cells for regenerative medicine. Cell Stem Cell, 2022, 29, 345-347.	11.1	0
4	Booster vaccines for COVID-19 vaccine breakthrough cases?. Lancet, The, 2022, 399, 1224.	13.7	1
5	Coagulation factors directly cleave SARS-CoV-2 spike and enhance viral entry. ELife, 2022, 11, .	6.0	34
6	SARS-CoV-2 Infection Induces Ferroptosis of Sinoatrial Node Pacemaker Cells. Circulation Research, 2022, 130, 963-977.	4.5	49
7	Specification of fetal liver endothelial progenitors to functional zonated adult sinusoids requires c-Maf induction. Cell Stem Cell, 2022, 29, 593-609.e7.	11.1	32
8	Inflammatory responses in the placenta upon SARS-CoV-2 infection late in pregnancy. IScience, 2022, 25, 104223.	4.1	58
9	A diminished immune response underlies age-related SARS-CoV-2 pathologies. Cell Reports, 2022, 39, 111002.	6.4	20
10	SARS-CoV-2 infection in hamsters and humans results in lasting and unique systemic perturbations after recovery. Science Translational Medicine, 2022, 14, .	12.4	129
11	Molecular clones of genetically distinct hepatitis B virus genotypes reveal distinct host and drug treatment responses. JHEP Reports, 2022, 4, 100535.	4.9	4
12	CRISPR screening uncovers a central requirement for HHEX in pancreatic lineage commitment and plasticity restriction. Nature Cell Biology, 2022, 24, 1064-1076.	10.3	15
13	Epidemiological evidence for association between higher influenza vaccine uptake in the elderly and lower COVIDâ€19 deaths in Italy. Journal of Medical Virology, 2021, 93, 64-65.	5.0	131
14	Identification of SARS-CoV-2 inhibitors using lung and colonic organoids. Nature, 2021, 589, 270-275.	27.8	389
15	Hepatology Highlights. Hepatology, 2021, 73, 1-3.	7.3	0
16	Evolution of antibody immunity to SARS-CoV-2. Nature, 2021, 591, 639-644.	27.8	1,355
17	Hepatology Highlights. Hepatology, 2021, 73, 475-478.	7.3	0
18	Hepatology Highlights. Hepatology, 2021, 73, 877-880.	7.3	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. Nature Communications, 2021, 12, 1660.	12.8	132
20	Peptide-based scaffolds for the culture and maintenance of primary human hepatocytes. Scientific Reports, 2021, 11, 6772.	3.3	25
21	The spatial landscape of lung pathology during COVID-19 progression. Nature, 2021, 593, 564-569.	27.8	249
22	Hepatology Highlights. Hepatology, 2021, 73, 1627-1630.	7.3	0
23	A molecular single-cell lung atlas of lethal COVID-19. Nature, 2021, 595, 114-119.	27.8	411
24	Hepatology Highlights. Hepatology, 2021, 73, 1245-1247.	7.3	0
25	An Immuno-Cardiac Model for Macrophage-Mediated Inflammation in COVID-19 Hearts. Circulation Research, 2021, 129, 33-46.	4.5	40
26	Cell and Tissue Therapy for the Treatment of Chronic Liver Disease. Annual Review of Biomedical Engineering, 2021, 23, 517-546.	12.3	9
27	Hepatology Highlights. Hepatology, 2021, 73, 2085-2088.	7.3	1
28	Intestinal Host Response to SARS-CoV-2 Infection and COVID-19 Outcomes in Patients With Gastrointestinal Symptoms. Gastroenterology, 2021, 160, 2435-2450.e34.	1.3	118
29	Aramchol downregulates stearoyl CoA-desaturase 1 in hepatic stellate cells to attenuate cellular fibrogenesis. JHEP Reports, 2021, 3, 100237.	4.9	32
30	Hepatology Highlights. Hepatology, 2021, 74, 1-4.	7.3	5
31	Hepatology Highlights. Hepatology, 2021, 74, 539-542.	7.3	0
32	SARS-CoV-2 infection induces beta cell transdifferentiation. Cell Metabolism, 2021, 33, 1577-1591.e7.	16.2	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. Molecular Medicine, 2021, 27, 105.	4.4	18
34	Hepatology Highlights. Hepatology, 2021, 74, 1137-1140.	7.3	0
35	Hepatology Highlights. Hepatology, 2021, 74, 1727-1729.	7.3	0
36	The NF-Î²B Transcriptional Footprint Is Essential for SARS-CoV-2 Replication. Journal of Virology, 2021, 95, e0125721.	3.4	69

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37	Cardiomyocytes recruit monocytes upon SARS-CoV-2 infection by secretingÂCCL2. Stem Cell Reports, 2021, 16, 2274-2288.	4.8	37
38	Hyperglycemia in acute COVID-19 is characterized by insulin resistance and adipose tissue infectivity by SARS-CoV-2. Cell Metabolism, 2021, 33, 2174-2188.e5.	16.2	127
39	Genome-wide DNA methylation profiling of peripheral blood reveals an epigenetic signature associated with severe COVID-19. Journal of Leukocyte Biology, 2021, 110, 21-26.	3.3	82
40	Hepatology Highlights. Hepatology, 2021, 74, 2329-2332.	7.3	0
41	An airway organoid-based screen identifies a role for the HIF1Î±-glycolysis axis in SARS-CoV-2 infection. Cell Reports, 2021, 37, 109920.	6.4	36
42	Adenosine deaminase 2 produced by infiltrative monocytes promotes liver fibrosis in nonalcoholic fatty liver disease. Cell Reports, 2021, 37, 109897.	6.4	4
43	SARS-CoV-2 Ion Channel ORF3a Enables TMEM16F-Dependent Phosphatidylserine Externalization to Augment Procoagulant Activity of the Tenase and Prothrombinase Complexes. Blood, 2021, 138, 1-1.	1.4	11
44	Comments on â€˜An airway organoid-based screen identifies a role for the HIF1Î±â€™glycolysis axis in SARS-CoV-2 infectionâ€™. Journal of Molecular Cell Biology, 2021, , .	3.3	1
45	Dementiaâ€linked TDPâ€43 dysregulation in astrocytes impairs memory, antiviral signaling, and chemokineâ€mediated astrocyticâ€neuronal interactions. Alzheimer's and Dementia, 2021, 17, e058562.	0.8	1
46	Analysis of Host Responses to Hepatitis B and Delta Viral Infections in a Microâ€scalable Hepatic Coâ€culture System. Hepatology, 2020, 71, 14-30.	7.3	31
47	Extracellular Vesicle and Particle Biomarkers Define Multiple Human Cancers. Cell, 2020, 182, 1044-1061.e18.	28.9	691
48	Targeting potential drivers of COVID-19: Neutrophil extracellular traps. Journal of Experimental Medicine, 2020, 217, .	8.5	1,193
49	Hepatology Highlights. Hepatology, 2020, 72, 369-370.	7.3	0
50	An Adhesive Hydrogel with â€œLoadâ€Sharingâ€•Effect for Tissue Bandages for Drug and Cell Delivery. Advanced Materials, 2020, 32, e2001628.	21.0	128
51	Adaptable haemodynamic endothelial cells for organogenesis and tumorigenesis. Nature, 2020, 585, 426-432.	27.8	145
52	Hepatology Highlights. Hepatology, 2020, 72, 1893-1896.	7.3	0
53	Hepatology Highlights. Hepatology, 2020, 72, 1505-1508.	7.3	0
54	Gastrointestinal and Hepatic Manifestations of 2019 Novel Coronavirus Disease in a Large Cohort of Infected Patients From New York: Clinical Implications. Gastroenterology, 2020, 159, 1137-1140.e2.	1.3	127

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55	Long-term in vivo biocompatibility of single-walled carbon nanotubes. PLoS ONE, 2020, 15, e0226791.	2.5	52
56	Imbalanced Host Response to SARS-CoV-2 Drives Development of COVID-19. Cell, 2020, 181, 1036-1045.e9.	28.9	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. Cell Stem Cell, 2020, 27, 125-136.e7.	11.1	543
58	Banning carbon nanotubes would be scientifically unjustified and damaging to innovation. Nature Nanotechnology, 2020, 15, 164-166.	31.5	69
59	Hepatology Highlights. Hepatology, 2020, 71, 771-773.	7.3	0
60	Hepatology Highlights. Hepatology, 2020, 71, 405-407.	7.3	0
61	Hepatology Highlights. Hepatology, 2020, 71, 1-3.	7.3	2
62	Hepatology Highlights. Hepatology, 2020, 71, 1527-1529.	7.3	0
63	Hepatology Highlights. Hepatology, 2020, 71, 1143-1145.	7.3	0
64	Hedgehog Signaling Demarcates a Niche of Fibrogenic Peribiliary Mesenchymal Cells. Gastroenterology, 2020, 159, 624-638.e9.	1.3	30
65	SARS-COV-2 infection (coronavirus disease 2019) for the gastrointestinal consultant. World Journal of Gastroenterology, 2020, 26, 1546-1553.	3.3	46
66	Engineering transferrable microvascular meshes for subcutaneous islet transplantation. Nature Communications, 2019, 10, 4602.	12.8	63
67	Hepatology Highlights. Hepatology, 2019, 70, 1497-1499.	7.3	2
68	Targeting Hepatitis B Virus Covalently Closed Circular DNA and Hepatitis B Virus X Protein: Recent Advances and New Approaches. ACS Infectious Diseases, 2019, 5, 1657-1667.	3.8	12
69	Pre- and peri-implantation Zika virus infection impairs fetal development by targeting trophectoderm cells. Nature Communications, 2019, 10, 4155.	12.8	30
70	Hepatology Highlights. Hepatology, 2019, 69, 469-472.	7.3	0
71	Hepatology Highlights. Hepatology, 2019, 69, 2311-2314.	7.3	1
72	Hepatology Highlights. Hepatology, 2019, 69, 1365-1368.	7.3	1

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73	Hepatology Highlights. Hepatology, 2019, 69, 1849-1851.	7.3	0
74	Hepatology Highlights. Hepatology, 2019, 69, 927-930.	7.3	0
75	Hepatology Highlights. Hepatology, 2019, 70, 1881-1884.	7.3	0
76	Hepatology Highlights. Hepatology, 2019, 69, 1-4.	7.3	18
77	Conservation of cell-intrinsic immune responses in diverse nonhuman primate species. Life Science Alliance, 2019, 2, e201900495.	2.8	6
78	Hepatology Highlights. Hepatology, 2018, 67, 817-819.	7.3	0
79	Hepatology Highlights. Hepatology, 2018, 67, 1647-1650.	7.3	0
80	Hepatology Highlights. Hepatology, 2018, 67, 1195-1197.	7.3	0
81	Identification of distinct nanoparticles and subsets of extracellular vesicles by asymmetric flow field-flow fractionation. Nature Cell Biology, 2018, 20, 332-343.	10.3	1,101
82	Hepatology Highlights. Hepatology, 2018, 67, 461-463.	7.3	0
83	Hepatitis E virus: advances and challenges. Nature Reviews Gastroenterology and Hepatology, 2018, 15, 96-110.	17.8	219
84	An optical nanoreporter of endolysosomal lipid accumulation reveals enduring effects of diet on hepatic macrophages in vivo. Science Translational Medicine, 2018, 10, .	12.4	80
85	Identification of the Intragenomic Promoter Controlling Hepatitis E Virus Subgenomic RNA Transcription. MBio, 2018, 9, .	4.1	35
86	Preclinical assessment of antiviral combination therapy in a genetically humanized mouse model for hepatitis delta virus infection. Science Translational Medicine, 2018, 10, .	12.4	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, , .	0.3	8
88	Endoscopic Sleeve Gastroplasty Significantly Reduces Body Mass Index and Metabolic Complications in Obese Patients. Clinical Gastroenterology and Hepatology, 2017, 15, 504-510.	4.4	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.	11.1	214
90	Scalable Production and Cryostorage of Organoids Using Coreâ€“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. Current Pathobiology Reports, 2016, 4, 147-156.	3.4	11
92	Hepatocarcinogenesis associated with hepatitis B, delta and C viruses. Current Opinion in Virology, 2016, 20, 1-10.	5.4	47
93	Engraftment of human induced pluripotent stem cell-derived hepatocytes in immunocompetent mice via 3D co-aggregation and encapsulation. Scientific Reports, 2015, 5, 16884.	3.3	72
94	Microbialâ€derived lithocholic acid and vitamin K2 drive the metabolic maturation of pluripotent stem cellsâ€“derived and fetal hepatocytes. Hepatology, 2015, 62, 265-278.	7.3	76
95	CRISPR/Cas9 cleavage of viral DNA efficiently suppresses hepatitis B virus. Scientific Reports, 2015, 5, 10833.	3.3	245
96	A cell culture system for distinguishing hepatitis C viruses with and without liver cancer-related mutations in the viral core gene. Journal of Hepatology, 2015, 63, 1323-1333.	3.7	22
97	Human iPSC-Derived Hepatocyte-like Cells Support Plasmodium Liver-Stage Infection InÂVitro. Stem Cell Reports, 2015, 4, 348-359.	4.8	109
98	Pancreatic cancer exosomes initiate pre-metastatic niche formation in the liver. Nature Cell Biology, 2015, 17, 816-826.	10.3	2,064
99	Modeling host interactions with hepatitis B virus using primary and induced pluripotent stem cell-derived hepatocellular systems. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12193-12198.	7.1	220
100	Identification of small molecules for human hepatocyte expansion and iPS differentiation. Nature Chemical Biology, 2013, 9, 514-520.	8.0	230
101	Modeling hepatitis C virus infection using human induced pluripotent stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2544-2548.	7.1	197
102	Humanized mice with ectopic artificial liver tissues. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11842-11847.	7.1	144
103	Hepatic Stem Cells. Methods in Molecular Biology, 2010, 640, 167-179.	0.9	10
104	Endothelium-Mediated Hepatocyte Recruitment in the Establishment of Liver-like TissueIn Vitro. Tissue Engineering, 2006, 12, 1627-1638.	4.6	75
105	Defined Conditions for Development of Functional Hepatic Cells from Human Embryonic Stem Cells. Stem Cells and Development, 2005, 14, 643-655.	2.1	126