

# Andrew S Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

5,035  
citations

279798

23  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

8315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Abnormal Calcium Handling Properties Underlie Familial Hypertrophic Cardiomyopathy Pathology in Patient-Specific Induced Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2013, 12, 101-113.	11.1	584
2	Identification and Specification of the Mouse Skeletal Stem Cell. <i>Cell</i> , 2015, 160, 285-298.	28.9	571
3	Tumorigenicity as a clinical hurdle for pluripotent stem cell therapies. <i>Nature Medicine</i> , 2013, 19, 998-1004.	30.7	559
4	Drug Screening Using a Library of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes Reveals Disease-Specific Patterns of Cardiotoxicity. <i>Circulation</i> , 2013, 127, 1677-1691.	1.6	472
5	Large-scale generation of functional mRNA-encapsulating exosomes via cellular nanoporation. <i>Nature Biomedical Engineering</i> , 2020, 4, 69-83.	22.5	415
6	An antibody against SSEA-5 glycan on human pluripotent stem cells enables removal of teratoma-forming cells. <i>Nature Biotechnology</i> , 2011, 29, 829-834.	17.5	357
7	Screening Drug-Induced Arrhythmia Using Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes and Low-Impedance Microelectrode Arrays. <i>Circulation</i> , 2013, 128, S3-13.	1.6	269
8	Single cell transcriptional profiling reveals heterogeneity of human induced pluripotent stem cells. <i>Journal of Clinical Investigation</i> , 2011, 121, 1217-1221.	8.2	261
9	Effects of cell number on teratoma formation by human embryonic stem cells. <i>Cell Cycle</i> , 2009, 8, 2608-2612.	2.6	205
10	Short-Term Immunosuppression Promotes Engraftment of Embryonic and Induced Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2011, 8, 309-317.	11.1	170
11	Therapeutic modulation of phagocytosis in glioblastoma can activate both innate and adaptive antitumour immunity. <i>Nature Communications</i> , 2020, 11, 1508.	12.8	138
12	Effect of Human Donor Cell Source on Differentiation and Function of Cardiac Induced Pluripotent Stem Cells. <i>Journal of the American College of Cardiology</i> , 2014, 64, 436-448.	2.8	119
13	Stem Cells in Bone Regeneration. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 524-529.	5.6	110
14	Microfluidic Single-Cell Analysis Shows That Porcine Induced Pluripotent Stem Cell-Derived Endothelial Cells Improve Myocardial Function by Paracrine Activation. <i>Circulation Research</i> , 2012, 111, 882-893.	4.5	106
15	Isolation of primitive endoderm, mesoderm, vascular endothelial and trophoblast progenitors from human pluripotent stem cells. <i>Nature Biotechnology</i> , 2012, 30, 531-542.	17.5	102
16	Genome Editing of Human Embryonic Stem Cells and Induced Pluripotent Stem Cells With Zinc Finger Nucleases for Cellular Imaging. <i>Circulation Research</i> , 2012, 111, 1494-1503.	4.5	99
17	Preclinical Derivation and Imaging of Autologously Transplanted Canine Induced Pluripotent Stem Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 32697-32704.	3.4	88
18	Intratumoral Immunotherapy for Early-stage Solid Tumors. <i>Clinical Cancer Research</i> , 2020, 26, 3091-3099.	7.0	88

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19	Prolonged survival of transplanted stem cells after ischaemic injury via the slow release of pro-survival peptides from a collagen matrix. <i>Nature Biomedical Engineering</i> , 2018, 2, 104-113.	22.5	71
20	Effects of Ionizing Radiation on Self-Renewal and Pluripotency of Human Embryonic Stem Cells. <i>Cancer Research</i> , 2010, 70, 5539-5548.	0.9	69
21	Comparison of the Accula SARS-CoV-2 Test with a Laboratory-Developed Assay for Detection of SARS-CoV-2 RNA in Clinical Nasopharyngeal Specimens. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	62
22	MLP-deficient human pluripotent stem cell derived cardiomyocytes develop hypertrophic cardiomyopathy and heart failure phenotypes due to abnormal calcium handling. <i>Cell Death and Disease</i> , 2019, 10, 610.	6.3	43
23	Patient-Specific Stem Cells and Cardiovascular Drug Discovery. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 2039.	7.4	33
24	Variable Activation of the DNA Damage Response Pathways in Patients Undergoing Single-Photon Emission Computed Tomography Myocardial Perfusion Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e002851.	2.6	17
25	Brief Report: External Beam Radiation Therapy for the Treatment of Human Pluripotent Stem Cell-Derived Teratomas. <i>Stem Cells</i> , 2017, 35, 1994-2000.	3.2	12
26	Imaging of Embryonic Stem Cell Migration In Vivo. <i>Methods in Molecular Biology</i> , 2011, 750, 101-114.	0.9	9
27	Stem Cells and Cardiovascular Drug Developmentâ€™ Reply. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 1070.	7.4	0
28	Targeted and Selective Treatment of Pluripotent Stem Cell-derived Teratomas Using External Beam Radiation in a Small-animal Model. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	0