

Tao-Sheng Li

List of Publications by Year in descending order

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166
papers

8,480
citations

53660

45
h-index

49773

87
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171
all docs

171
docs citations

171
times ranked

9624
citing authors

#	ARTICLE	IF	CITATIONS
1	Relative Roles of Direct Regeneration Versus Paracrine Effects of Human Cardiosphere-Derived Cells Transplanted Into Infarcted Mice. <i>Circulation Research</i> , 2010, 106, 971-980.	2.0	609
2	Direct Comparison of Different Stem Cell Types and Subpopulations Reveals Superior Paracrine Potency and Myocardial Repair Efficacy With Cardiosphere-Derived Cells. <i>Journal of the American College of Cardiology</i> , 2012, 59, 942-953.	1.2	427
3	Local Implantation of Autologous Bone Marrow Cells for Therapeutic Angiogenesis in Patients With Ischemic Heart Disease. <i>Clinical Trial and Preliminary Results.. Japanese Circulation Journal</i> , 2001, 65, 845-847.	1.0	309
4	Cytokines produced by bone marrow cells can contribute to functional improvement of the infarcted heart by protecting cardiomyocytes from ischemic injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H886-H893.	1.5	264
5	Safety and Efficacy of Allogeneic Cell Therapy in Infarcted Rats Transplanted With Mismatched Cardiosphere-Derived Cells. <i>Circulation</i> , 2012, 125, 100-112.	1.6	262
6	Validation of the Cardiosphere Method to Culture Cardiac Progenitor Cells from Myocardial Tissue. <i>PLoS ONE</i> , 2009, 4, e7195.	1.1	252
7	Cardiospheres Recapitulate a Niche-Like Microenvironment Rich in Stemness and Cell-Matrix Interactions, Rationalizing Their Enhanced Functional Potency for Myocardial Repair. <i>Stem Cells</i> , 2010, 28, 2088-2098.	1.4	232
8	Magnetic Targeting Enhances Engraftment and Functional Benefit of Iron-Labeled Cardiosphere-Derived Cells in Myocardial Infarction. <i>Circulation Research</i> , 2010, 106, 1570-1581.	2.0	226
9	Intramyocardial Injection of Autologous Cardiospheres or Cardiosphere-Derived Cells Preserves Function and Minimizes Adverse Ventricular Remodeling in Pigs With Heart Failure Post-Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2011, 57, 455-465.	1.2	222
10	Therapeutic microparticles functionalized with biomimetic cardiac stem cell membranes and secretome. <i>Nature Communications</i> , 2017, 8, 13724.	5.8	203
11	Enhancement of Angiogenesis by the Implantation of Self Bone Marrow Cells in a Rat Ischemic Heart Model. <i>Journal of Surgical Research</i> , 2000, 89, 189-195.	0.8	179
12	Malfunction of Nuclease ERCC1-XPF Results in Diverse Clinical Manifestations and Causes Cockayne Syndrome, Xeroderma Pigmentosum, and Fanconi Anemia. <i>American Journal of Human Genetics</i> , 2013, 92, 807-819.	2.6	178
13	Dedifferentiation and Proliferation of Mammalian Cardiomyocytes. <i>PLoS ONE</i> , 2010, 5, e12559.	1.1	166
14	Targeted repair of heart injury by stem cells fused with platelet nanovesicles. <i>Nature Biomedical Engineering</i> , 2018, 2, 17-26.	11.6	161
15	Fabrication of Synthetic Mesenchymal Stem Cells for the Treatment of Acute Myocardial Infarction in Mice. <i>Circulation Research</i> , 2017, 120, 1768-1775.	2.0	158
16	Mitochondrial dysfunction, a probable cause of persistent oxidative stress after exposure to ionizing radiation. <i>Free Radical Research</i> , 2012, 46, 147-153.	1.5	146
17	Regeneration of Infarcted Myocardium by Intramyocardial Implantation of Ex Vivo Transforming Growth Factor- β -Preprogrammed Bone Marrow Stem Cells. <i>Circulation</i> , 2005, 111, 2438-2445.	1.6	139
18	Physiological Levels of Reactive Oxygen Species Are Required to Maintain Genomic Stability in Stem Cells. <i>Stem Cells</i> , 2010, 28, 1178-1185.	1.4	134

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19	Doxorubicin-induced mitophagy contributes to drug resistance in cancer stem cells from HCT8 human colorectal cancer cells. <i>Cancer Letters</i> , 2017, 388, 34-42.	3.2	115
20	Autologous Bone Marrow Implantation Induced Angiogenesis and Improved Deteriorated Exercise Capacity in a Rat Ischemic Hindlimb Model. <i>Journal of Surgical Research</i> , 2001, 96, 277-283.	0.8	110
21	Therapeutic angiogenesis induced by local autologous bone marrow cell implantation. <i>Annals of Thoracic Surgery</i> , 2002, 73, 1210-1215.	0.7	106
22	Functional performance of human cardiosphere-derived cells delivered in an in situ polymerizable hyaluronan-gelatin hydrogel. <i>Biomaterials</i> , 2012, 33, 5317-5324.	5.7	100
23	Human Cardiosphere-Derived Cells From Advanced Heart Failure Patients Exhibit Augmented Functional Potency in Myocardial Repair. <i>JACC: Heart Failure</i> , 2014, 2, 49-61.	1.9	100
24	CD117+ stem cells play a key role in therapeutic angiogenesis induced by bone marrow cell implantation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H931-H937.	1.5	99
25	Angiogenesis Induced by the Implantation of Self-Bone Marrow Cells: A New Material for Therapeutic Angiogenesis. <i>Cell Transplantation</i> , 2000, 9, 439-443.	1.2	97
26	Neovascularization Induced by Autologous Bone Marrow Cell Implantation in Peripheral Arterial Disease. <i>Cell Transplantation</i> , 2002, 11, 747-752.	1.2	97
27	Ischemic Pre-Conditioning Enhances the Mobilization and Recruitment of Bone Marrow Stem Cells to Protect Against Ischemia/Reperfusion Injury in the Late Phase. <i>Journal of the American College of Cardiology</i> , 2009, 53, 1814-1822.	1.2	95
28	Concise Review: Is Cardiac Cell Therapy Dead? Embarrassing Trial Outcomes and New Directions for the Future. <i>Stem Cells Translational Medicine</i> , 2018, 7, 354-359.	1.6	95
29	Expansion of human cardiac stem cells in physiological oxygen improves cell production efficiency and potency for myocardial repair. <i>Cardiovascular Research</i> , 2011, 89, 157-165.	1.8	89
30	Magnetic Enhancement of Cell Retention, Engraftment, and Functional Benefit after Intracoronary Delivery of Cardiac-Derived Stem Cells in a Rat Model of Ischemia/Reperfusion. <i>Cell Transplantation</i> , 2012, 21, 1121-1135.	1.2	86
31	Potency of umbilical cord blood- and Wharton's jelly-derived mesenchymal stem cells for scarless wound healing. <i>Scientific Reports</i> , 2016, 6, 18844.	1.6	80
32	Improved angiogenic potency by implantation of ex vivo hypoxia prestimulated bone marrow cells in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H468-H473.	1.5	79
33	Computed Tomography Diagnosed Emphysema, Not Airway Obstruction, Is Associated with the Prognostic Outcome of Early-Stage Lung Cancer. <i>Clinical Cancer Research</i> , 2006, 12, 6730-6736.	3.2	78
34	The induction of angiogenesis by the implantation of autologous bone marrow cells: A novel and simple therapeutic method. <i>Surgery</i> , 2001, 130, 44-54.	1.0	71
35	Dual Role of Mitophagy in Cancer Drug Resistance. <i>Anticancer Research</i> , 2018, 38, 617-621.	0.5	66
36	Muscle Stem Cell Fate Is Controlled by the Cell-Polarity Protein Scrib. <i>Cell Reports</i> , 2015, 10, 1135-1148.	2.9	58

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37	Importance of Cell-Cell Contact in the Therapeutic Benefits of Cardiosphere-Derived Cells. <i>Stem Cells</i> , 2014, 32, 2397-2406.	1.4	55
38	The Effects of Mechanical Stress on the Growth, Differentiation, and Paracrine Factor Production of Cardiac Stem Cells. <i>PLoS ONE</i> , 2011, 6, e28890.	1.1	52
39	Autologous bone marrow cell implantation as therapeutic angiogenesis for ischemic hindlimb in diabetic rat model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H66-H70.	1.5	51
40	Hypoxic preconditioning increases survival and angiogenic potency of peripheral blood mononuclear cells via oxidative stress resistance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H590-H595.	1.5	51
41	HIF-1 α activation under glucose deprivation plays a central role in the acquisition of anti-apoptosis in human colon cancer cells. <i>International Journal of Oncology</i> , 2014, 44, 2077-2084.	1.4	49
42	The c-MYC β axis plays a pivotal role in 5-fluorouracil resistance in human colon cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1569-1581.	1.6	49
43	Comparison of Intramyocardial and Intravenous Routes of Delivering Bone Marrow Cells for the Treatment of Ischemic Heart Disease: An Experimental Study. <i>Cell Transplantation</i> , 2004, 13, 639-648.	1.2	48
44	Impaired potency of bone marrow mononuclear cells for inducing therapeutic angiogenesis in obese diabetic rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H1362-H1369.	1.5	47
45	Clinical Ramifications of Bronchial Kink After Upper Lobectomy. <i>Annals of Thoracic Surgery</i> , 2012, 93, 259-265.	0.7	47
46	Improvement of cardiac function by bone marrow cell implantation in a rat hypoperfusion heart model. <i>Annals of Thoracic Surgery</i> , 2003, 75, 768-773.	0.7	46
47	Increased expression of CXCR4 and integrin β 1 in hypoxia-preconditioned cells contributes to improved cell retention and angiogenic potency. <i>Journal of Cellular Physiology</i> , 2009, 220, 508-514.	2.0	45
48	Extracorporeal shock wave therapy ameliorates secondary lymphedema by promoting lymphangiogenesis. <i>Journal of Vascular Surgery</i> , 2010, 52, 429-434.	0.6	44
49	XRCC4 deficiency in human subjects causes a marked neurological phenotype but no overt immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1007-1017.	1.5	44
50	TGF- β 2 induces the differentiation of bone marrow stem cells into immature cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 1074-1080.	1.0	43
51	Impaired angiogenic potency of bone marrow cells from patients with advanced age, anemia, and renal failure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 139, 459-465.	0.4	43
52	Enhanced Tumor Necrosis Factor- α Expression in Small Sized Abdominal Aortic Aneurysms. <i>World Journal of Surgery</i> , 2003, 27, 476-480.	0.8	42
53	Computed tomography-defined functional lung volume after segmentectomy versus lobectomy. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 1433-1437.	0.6	42
54	Compensation of pulmonary function after upper lobectomy versus lower lobectomy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 762-767.	0.4	41

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55	The Safety and Feasibility of the Local Implantation of Autologous Bone Marrow Cells for Ischemic Heart Disease. <i>Journal of Cardiac Surgery</i> , 2003, 18, S69-S75.	0.3	40
56	Myocardial Repair Achieved by the Intramyocardial Implantation of Adult Cardiomyocytes in Combination with Bone Marrow Cells. <i>Cell Transplantation</i> , 2008, 17, 695-703.	1.2	39
57	DNA damage signaling is activated during cancer progression in human colorectal carcinoma. <i>Cancer Biology and Therapy</i> , 2010, 9, 245-251.	1.5	39
58	IL-35 expression in hepatocellular carcinoma cells is associated with tumor progression. <i>Oncotarget</i> , 2016, 7, 45678-45686.	0.8	38
59	Hypoxic Preconditioning Enhances Angiogenic Potential of Bone Marrow Cells With Aging-Related Functional Impairment. <i>Circulation Journal</i> , 2012, 76, 986-994.	0.7	37
60	Inhibition of accelerated tumor growth by blocking the recruitment of mobilized endothelial progenitor cells after chemotherapy. <i>International Journal of Cancer</i> , 2009, 124, 1685-1692.	2.3	36
61	Antioxidant Therapy Attenuates Diabetes-Related Impairment of Bone Marrow Stem Cells. <i>Circulation Journal</i> , 2009, 73, 162-166.	0.7	36
62	Functional Impairment of Human Resident Cardiac Stem Cells by the Cardiotoxic Antineoplastic Agent Trastuzumab. <i>Stem Cells Translational Medicine</i> , 2012, 1, 289-297.	1.6	36
63	Crystallin controls muscle function through thyroid hormone action. <i>FASEB Journal</i> , 2016, 30, 1733-1740.	0.2	36
64	Cellular expression of integrin- α 5 is of critical importance for inducing therapeutic angiogenesis by cell implantation. <i>Cardiovascular Research</i> , 2005, 65, 64-72.	1.8	35
65	Identification of Risk Factors Related to Poor Angiogenic Potency of Bone Marrow Cells From Different Patients. <i>Circulation</i> , 2009, 120, S255-61.	1.6	34
66	Sutureless pneumostasis using bioabsorbable mesh and glue during major lung resection for cancer: Who are the best candidates?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 139, 600-605.	0.4	34
67	Short-term pretreatment with low-dose hydrogen peroxide enhances the efficacy of bone marrow cells for therapeutic angiogenesis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H2582-H2588.	1.5	32
68	Cardiosphere-Derived Cells Facilitate Heart Repair by Modulating M1/M2 Macrophage Polarization and Neutrophil Recruitment. <i>PLoS ONE</i> , 2016, 11, e0165255.	1.1	32
69	Placental extract protects bone marrow-derived stem/progenitor cells against radiation injury through anti-inflammatory activity. <i>Journal of Radiation Research</i> , 2013, 54, 268-276.	0.8	31
70	Culture under low physiological oxygen conditions improves the stemness and quality of induced pluripotent stem cells. <i>Journal of Cellular Physiology</i> , 2013, 228, 2159-2166.	2.0	30
71	Neovascularization induced by autologous bone marrow cell implantation in peripheral arterial disease. <i>Cell Transplantation</i> , 2002, 11, 747-52.	1.2	30
72	Sensitivity and dose dependency of radiation-induced injury in hematopoietic stem/progenitor cells in mice. <i>Scientific Reports</i> , 2015, 5, 8055.	1.6	29

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73	Sutureless Pneumostasis Using Polyglycolic Acid Mesh as Artificial Pleura During Video-Assisted Major Pulmonary Resection. <i>Annals of Thoracic Surgery</i> , 2007, 84, 1858-1861.	0.7	27
74	Radioisotope lymph node mapping in nonsmall cell lung cancer: can it be applicable for sentinel node biopsy?. <i>Annals of Thoracic Surgery</i> , 2004, 77, 426-430.	0.7	26
75	JAB1 regulates unphosphorylated STAT3 DNA-binding activity through protein-protein interaction in human colon cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 513-518.	1.0	26
76	Ablation of lncRNA <i>Miat</i> attenuates pathological hypertrophy and heart failure. <i>Theranostics</i> , 2021, 11, 7995-8007.	4.6	26
77	Low angiogenic potency induced by the implantation of ex vivo expanded CD117+stem cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H1236-H1241.	1.5	25
78	Preoperative imaging of the lung sentinel lymphatic basin with computed tomographic lymphography: a preliminary study. <i>Annals of Thoracic Surgery</i> , 2004, 77, 1033-1037.	0.7	25
79	Quantitative Computed Tomography Versus Spirometry in Predicting Air Leak Duration After Major Lung Resection for Cancer. <i>Annals of Thoracic Surgery</i> , 2005, 80, 1853-1858.	0.7	25
80	Quantitative computed tomography for the prediction of pulmonary function after lung cancer surgery: a simple method using simulation software. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 414-418.	0.6	25
81	Estrogen deficiency heterogeneously affects tissue specific stem cells in mice. <i>Scientific Reports</i> , 2015, 5, 12861.	1.6	25
82	Immunomodulatory effect of mesenchymal stem cells: Cell origin and cell quality variations. <i>Molecular Biology Reports</i> , 2019, 46, 1157-1165.	1.0	25
83	Influence of aging on the quantity and quality of human cardiac stem cells. <i>Scientific Reports</i> , 2016, 6, 22781.	1.6	24
84	Obstacles for shortening hospitalization after video-assisted pulmonary resection for lung cancer. <i>Annals of Thoracic Surgery</i> , 2003, 76, 1816-1820.	0.7	23
85	Physiological rehabilitation after video-assisted lung lobectomy for cancer: a prospective study of measuring daily exercise and oxygenation capacity. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 30, 533-537.	0.6	23
86	Enhanced expression of PKM2 associates with the biological properties of cancer stem cells from A549 human lung cancer cells. <i>Oncology Reports</i> , 2017, 37, 2161-2166.	1.2	23
87	Digitonin enhances the antitumor effect of cisplatin during isolated lung perfusion. <i>Annals of Thoracic Surgery</i> , 2001, 72, 1173-1178.	0.7	22
88	Pravastatin Improves Remodeling and Cardiac Function After Myocardial Infarction by an Antiinflammatory Mechanism Rather than by the Induction of Angiogenesis. <i>Annals of Thoracic Surgery</i> , 2006, 81, 2217-2225.	0.7	22
89	Cardiac regenerative potential of cardiosphere-derived cells from adult dog hearts. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1805-1813.	1.6	22
90	Effects of Matrix Metalloproteinases on the Performance of Platelet Fibrin Gel Spiked With Cardiac Stem Cells in Heart Repair. <i>Stem Cells Translational Medicine</i> , 2016, 5, 793-803.	1.6	22

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91	Comparison of Cell Therapy and Cytokine Therapy for Functional Repair in Ischemic and Nonischemic Heart Failure. <i>Cell Transplantation</i> , 2007, 16, 365-374.	1.2	21
92	Analysis of the Origin and Population Dynamics of Cardiac Progenitor Cells in a Donor Heart Model. <i>Stem Cells</i> , 2007, 25, 911-917.	1.4	21
93	Operative injury accelerates tumor growth by inducing mobilization and recruitment of bone marrow-derived stem cells. <i>Surgery</i> , 2011, 149, 792-800.	1.0	21
94	What proportion of lung cancers can be operated by segmentectomy? A computed-tomography-based simulation. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 341-345.	0.6	21
95	Breath-hold single-photon emission tomography and computed tomography for predicting residual pulmonary function in patients with lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 131, 994-1001.	0.4	20
96	Cardiosphere-derived cell sheet primed with hypoxia improves left ventricular function of chronically infarcted heart. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 2738-51.	0.0	20
97	The reduction of hemodynamic loading assists self-regeneration of the injured heart by increasing cell proliferation, inhibiting cell apoptosis, and inducing stem-cell recruitment. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 1051-1058.	0.4	19
98	Mesh-Based Pneumostasis Contributes to Preserving Gas Exchange Capacity and Promoting Rehabilitation After Lung Resection. <i>Journal of Surgical Research</i> , 2011, 167, e71-e75.	0.8	19
99	Nicaraven Attenuates Radiation-Induced Injury in Hematopoietic Stem/Progenitor Cells in Mice. <i>PLoS ONE</i> , 2013, 8, e60023.	1.1	19
100	Nicaraven reduces cancer metastasis to irradiated lungs by decreasing CCL8 and macrophage recruitment. <i>Cancer Letters</i> , 2018, 418, 204-210.	3.2	19
101	Nicaraven Attenuates Postoperative Systemic Inflammatory Responses-Induced Tumor Metastasis. <i>Annals of Surgical Oncology</i> , 2020, 27, 1068-1074.	0.7	19
102	Mesenchymal Stem Cells for Mitigating Radiotherapy Side Effects. <i>Cells</i> , 2021, 10, 294.	1.8	19
103	Independent predictive value of the overall number of metastatic N1 and N2 stations in lung cancer. <i>General Thoracic and Cardiovascular Surgery</i> , 2003, 51, 297-301.	0.4	18
104	In Vitro Assessment of the Effect of Interleukin-1.BETA. on Angiogenic Potential of Bone Marrow Cells. <i>Circulation Journal</i> , 2006, 70, 1195-1199.	0.7	18
105	Effects of antioxidants on the quality and genomic stability of induced pluripotent stem cells. <i>Scientific Reports</i> , 2014, 4, 3779.	1.6	18
106	Video-assisted thoracoscopic surgery for intralobar pulmonary sequestration. <i>Surgery</i> , 2003, 133, 216-218.	1.0	17
107	Hypoxic preconditioning reinforces cellular functions of autologous peripheral blood-derived cells in rabbit hindlimb ischemia model. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 370-375.	1.0	17
108	Time- and dose-dependent effects of total-body ionizing radiation on muscle stem cells. <i>Physiological Reports</i> , 2015, 3, e12377.	0.7	16

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109	Ultrasound-Targeted Microbubble Destruction-Mediated Co-Delivery of <i>Cxcl12</i> (<i>Sdf-1alpha</i>) and <i>Bmp2</i> Genes for Myocardial Repair. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 1299-1312.	0.5	16
110	Angiogenesis Induced by the Injection of Peripheral Leukocytes and Platelets. <i>Journal of Surgical Research</i> , 2002, 103, 279-286.	0.8	14
111	The potential benefits of nicaraven to protect against radiation-induced injury in hematopoietic stem/progenitor cells with relative low dose exposures. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 548-553.	1.0	14
112	Increased expression of PHD3 represses the HIF-1 signaling pathway and contributes to poor neovascularization in pancreatic ductal adenocarcinoma. <i>Journal of Gastroenterology</i> , 2015, 50, 975-983.	2.3	14
113	Enhanced autophagy in colorectal cancer stem cells does not contribute to radio-resistance. <i>Oncotarget</i> , 2016, 7, 45112-45121.	0.8	13
114	Diabetic Impairment of C-Kit+ Bone Marrow Stem Cells Involves the Disorders of Inflammatory Factors, Cell Adhesion and Extracellular Matrix Molecules. <i>PLoS ONE</i> , 2011, 6, e25543.	1.1	12
115	Enhanced Expression of ABCB1 and Nrf2 in CD133-Positive Cancer Stem Cells Associates with Doxorubicin Resistance. <i>Stem Cells International</i> , 2020, 2020, 1-13.	1.2	12
116	Impact of collagen subtype proportions in peritoneal tissues on inguinal hernia formation in adults and infants. <i>Pediatric Surgery International</i> , 2006, 22, 600-604.	0.6	11
117	Nicaraven inhibits TNF α -induced endothelial activation and inflammation through suppression of NF- κ B signaling pathway. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, 99, 803-811.	0.7	11
118	Prediction of hypoxemia after lung resection surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2005, 4, 85-89.	0.5	10
119	Heat Shock Factor 1 Contributes to Ischemia-Induced Angiogenesis by Regulating the Mobilization and Recruitment of Bone Marrow Stem/Progenitor Cells. <i>PLoS ONE</i> , 2012, 7, e37934.	1.1	10
120	Long-term efficacy and safety of the intramyocardial implantation of autologous bone marrow cells for the treatment of ischemic heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 1347-1349.	0.4	9
121	Significant role of bone marrow-derived cells in compensatory regenerative lung growth. <i>Journal of Surgical Research</i> , 2013, 183, 84-90.	0.8	9
122	Radiation Exposure Decreases the Quantity and Quality of Cardiac Stem Cells in Mice. <i>PLoS ONE</i> , 2016, 11, e0152179.	1.1	9
123	Haemodynamic unloading increases the survival and affects the differentiation of cardiac stem cells after implantation into an infarcted heart. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 45, 976-982.	0.6	8
124	Feasibility of placenta-derived mesenchymal stem cells as a tool for studying pregnancy-related disorders. <i>Scientific Reports</i> , 2017, 7, 46220.	1.6	8
125	PROLONGED SURVIVAL OF XENOGRAFT FETAL CARDIOMYOCYTES BY ADENOVIRUS-MEDIATED CTLA4-IG EXPRESSION1. <i>Transplantation</i> , 2001, 72, 1983-1985.	0.5	8
126	Nicaraven mitigates radiation-induced lung injury by downregulating the NF- κ B and TGF- β 2/Smad pathways to suppress the inflammatory response. <i>Journal of Radiation Research</i> , 2022, , .	0.8	8

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127	Angiotensin receptor blocker alleviates liver fibrosis by altering the mechanotransduction properties of hepatic stellate cells. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, G446-G456.	1.6	8
128	Video-assisted transcatheter lung perfusion regional chemotherapy. <i>European Journal of Cardio-thoracic Surgery</i> , 2005, 27, 1079-1082.	0.6	7
129	The Mobilization and Recruitment of C-Kit+ Cells Contribute to Wound Healing after Surgery. <i>PLoS ONE</i> , 2012, 7, e48052.	1.1	7
130	Enhanced Nox1 expression and oxidative stress resistance in c-kit-positive hematopoietic stem/progenitor cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 454, 376-380.	1.0	7
131	Nicaraven, a Potential Radioprotective Agent, has Very Limited Effects on the Survival of Cancer Cells and the Growth of Established Tumors. <i>Radiation Research</i> , 2017, 187, 339.	0.7	7
132	Analysis of Immune and Inflammation Characteristics of Atherosclerosis from Different Sample Sources. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-31.	1.9	7
133	Relationship between the concentration of CDDP in tumor and tumor size after isolated lung perfusion treatment experimental study on a solitary pulmonary sarcoma model in rats. <i>Journal of Surgical Oncology</i> , 2000, 75, 193-196.	0.8	6
134	Can Nonpenetrating Vascular Closure Staples and Hepatocyte Growth Factor Prevent Intimal Hyperplasia Following ePTFE Grafting of the Carotid Artery in Rabbits?. <i>Surgery Today</i> , 2002, 32, 618-622.	0.7	6
135	Long-Term Survival of Xenografted Neonatal Cardiomyocytes by Adenovirus-Mediated CTLA4-Ig Expression and CD40 Blockade. <i>Circulation</i> , 2003, 108, 1760-1765.	1.6	6
136	Transient Increase of Cytokines in the Acute Ischemic Tissue is Beneficial to Cell-Based Therapeutic Angiogenesis. <i>Circulation Journal</i> , 2008, 72, 2075-2080.	0.7	6
137	Up-regulated extracellular matrix components and inflammatory chemokines may impair the regeneration of cholestatic liver. <i>Scientific Reports</i> , 2016, 6, 26540.	1.6	6
138	Ionizing Radiation Impairs Endogenous Regeneration of Infarcted Heart: An <i>In Vivo</i> ¹⁸ F-FDG PET/CT and ^{99m} Tc-Tetrofosmin SPECT/CT Study in Mice. <i>Radiation Research</i> , 2017, 187, 89-97.	0.7	6
139	Estrogen is required for maintaining the quality of cardiac stem cells. <i>PLoS ONE</i> , 2021, 16, e0245166.	1.1	6
140	Mini Review: Recent Advances in the Cell-Based Therapies for Cardiac Regeneration. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 649-660.	0.6	6
141	Nicaraven prevents the fast growth of inflamed tumors by an anti-inflammatory mechanism. <i>Medical Oncology</i> , 2022, 39, 7.	1.2	6
142	Nuclear translocation of glutathione S-transferase γ is mediated by a non-classical localization signal. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 745-750.	1.0	5
143	Bmi-1 high-expressing cells enrich cardiac stem/progenitor cells and respond to heart injury. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 104-111.	1.6	5
144	Mesenchymal stem cell-derived extracellular vesicles as probable triggers of radiation-induced heart disease. <i>Stem Cell Research and Therapy</i> , 2021, 12, 422.	2.4	5

#	ARTICLE	IF	CITATIONS
145	Small bowel transplantation tolerance achieved by costimulatory blockade leading to mixed chimerism. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 3017.	3.0	4
146	Dose-dependency and reversibility of radiation-induced injury in cardiac explant-derived cells of mice. <i>Scientific Reports</i> , 2017, 7, 40959.	1.6	4
147	Recovery of renal function in a heart transplantation recipient with over 300 days of iatrogenic anuria. <i>Medicine (United States)</i> , 2018, 97, e0451.	0.4	4
148	Localization of ATP-sensitive K ⁺ channel subunits in rat liver. <i>World Journal of Experimental Medicine</i> , 2019, 9, 14-31.	0.9	4
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150	The effect of transient oxygenation on stem cell mobilization and ischemia/reperfusion heart injury. <i>PLoS ONE</i> , 2018, 13, e0192733.	1.1	3
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152	Serum S-glutathionylated proteins as a potential biomarker of carotid artery stenosis. <i>Clinical Biochemistry</i> , 2012, 45, 1331-1335.	0.8	2
153	Right Middle Lobe Transposition after Upper Lobectomy: Influence on Postoperative Pulmonary Function. <i>Thoracic and Cardiovascular Surgeon</i> , 2013, 61, 138-143.	0.4	2
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157	Developmental morphological analyses on the preglottal salivary gland in Japanese quails (<i>Coturnix japonica</i>). <i>Microscopy Research and Technique</i> , 2022, 85, 156-168.	1.2	2
158	Ex Vivo Hydrostatic Pressure Loading of Atrial Tissues Activates Profibrotic Transcription via TGF- β 2 Signal Pathway. <i>International Heart Journal</i> , 2022, 63, 367-374.	0.5	2
159	Response by Luo et al to Letter Regarding Article, "Fabrication of Synthetic Mesenchymal Stem Cells for the Treatment of Acute Myocardial Infarction in Mice". <i>Circulation Research</i> , 2017, 120, e48-e49.	2.0	1
160	Dipyridamole induces the phosphorylation of CREB to promote cancer cell proliferation. <i>Oncology Letters</i> , 2021, 21, 251.	0.8	1
161	Biphasic effect of mechanical stress on lymphocyte activation. <i>Journal of Cellular Physiology</i> , 2022, 237, 1521-1531.	2.0	1
162	Biological Differences Between Ovarian Cancer-associated Fibroblasts and Contralateral Normal Ovary-derived Mesenchymal Stem Cells. <i>Anticancer Research</i> , 2022, 42, 1729-1737.	0.5	1

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163	Myocardial Regeneration: What is the Best Approach?. Current Cardiology Reviews, 2005, 1, 127-140.	0.6	0
164	ASO Author Reflections: How Should a Surgeon Care and Manage Cancer Metastasis?. Annals of Surgical Oncology, 2020, 27, 1075-1076.	0.7	0
165	Prolonged oxygen exposure causes the mobilization and functional damage of stem or progenitor cells and exacerbates cardiac ischemia or reperfusion injury in healthy mice. Journal of Cellular Physiology, 2021, 236, 6657-6665.	2.0	0
166	Laminin alpha-3 and thrombospondin-1 differently regulate the survival and differentiation of hepatocytes and hepatic stem cells from neonatal mice.. American Journal of Translational Research (discontinued), 2021, 13, 12684-12693.	0.0	0