

CITATION REPORT

List of articles citing

Radiation-induced lung injury

DOI: 10.1016/s1053-4296(03)00034-1
Seminars in Radiation Oncology, 2003, 13, 333-45.

Source: <https://exaly.com/paper-pdf/34984199/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
249	Models for evaluating agents intended for the prophylaxis, mitigation and treatment of radiation injuries. Report of an NCI Workshop, December 3-4, 2003. 2004 , 162, 711-28		199
248	A practical approach to pulmonary risk assessment in the radiotherapy of lung cancer. <i>Seminars in Radiation Oncology</i> , 2004 , 14, 298-307	5.5	29
247	Radiotherapy and wound healing. 2005 , 2, 112-27		173
246	Dose volume histogram comparison between ADAC Pinnacle and Nomos Corvus systems for IMRT. 2005 , 28, 1-7		4
245	Pulmonary radiation injury: identification of risk factors associated with regional hypersensitivity. 2005 , 65, 3568-76		49
244	Inhalation delivery of manganese superoxide dismutase-plasmid/liposomes protects the murine lung from irradiation damage. 2005 , 12, 685-93		74
243	The pulmonary status of patients with limited-stage small cell lung cancer 15 years after treatment with chemotherapy and chest irradiation. 2005 , 128, 3261-8		7
242	The role of modern radiation therapy in treating lung cancer. 2005 , 3, 452-453		
241	Partial volume rat lung irradiation: temporal fluctuations of in-field and out-of-field DNA damage and inflammatory cytokines following irradiation. 2005 , 81, 887-99		90
240	Radiation effects on the respiratory system. 2005 , Supplement_27, 75-81		68
239	Nonsurgical therapy for stages I and II non-small cell lung cancer. 2005 , 19, 237-61, v-vi		7
238	Partial volume rat lung irradiation: the protective/mitigating effects of Eukarion-189, a superoxide dismutase-catalase mimetic. 2006 , 79, 231-8		53
237	Pathogenic role of the renin-angiotensin system in modulating radiation-induced late effects. 2006 , 64, 6-12		88
236	Adverse event reporting and developments in radiation biology after normal tissue injury: International Atomic Energy Agency consultation. 2006 , 64, 1442-51		20
235	Antitransforming growth factor-beta antibody 1D11 ameliorates normal tissue damage caused by high-dose radiation. 2006 , 65, 876-81		102
234	Effect of concomitant use of pentoxifylline and alpha-tocopherol with radiotherapy on the clinical outcome of patients with stage IIIB non-small cell lung cancer: a randomized prospective clinical trial. 2006 , 23, 185-9		12
233	Novel method to calculate pulmonary compliance images in rodents from computed tomography acquired at constant pressures. 2006 , 51, 1101-12		31

232	Pneumocystis carinii infection sensitizes lung to radiation-induced injury after syngeneic marrow transplantation: role of CD4+ T cells. 2006 , 290, L1087-96	11
231	The histopathological evaluation of the effectiveness of melatonin as a protectant against acute lung injury induced by radiation therapy in a rat model. 2007 , 83, 187-93	33
230	Medical assessment of adverse health outcomes in long-term survivors of childhood cancer. 2007 , 297, 2705-15	568
229	Predicting risk of radiation-induced lung injury. 2007 , 2, 864-74	98
228	Association between plasma angiotensin-converting enzyme level and radiation pneumonitis. 2007 , 37, 71-5	12
227	Oxidative Stress and Radiation-Induced Late Normal Tissue Injury. 2007 , 135-164	
226	Reduction of pulmonary compliance found with high-resolution computed tomography in irradiated mice. 2007 , 67, 879-87	18
225	The impact of induction chemotherapy and the associated tumor response on subsequent radiation-related changes in lung function and tumor response. 2007 , 67, 1360-9	16
224	Changes in expression of injury after irradiation of increasing volumes in rat lung. 2007 , 67, 1510-8	40
223	Toxicity associated to radiotherapy treatment in lung cancer patients. 2007 , 9, 506-12	15
222	The use of blood biomarkers to predict radiation lung toxicity: a potential strategy to individualize thoracic radiation therapy. 2008 , 15, 140-50	73
221	Preparation for Terrorist Threats: Radiation Injury. 2009 , 10, 136-139	2
220	Investigation of simple IMRT delivery techniques for non-small cell lung cancer patients with respiratory motion using 4DCT. 2009 , 34, 158-69	3
219	Renin-Angiotensin system suppression mitigates experimental radiation pneumonitis. 2009 , 75, 1528-36	86
218	Exercise therapy across the lung cancer continuum. 2009 , 11, 255-62	31
217	The challenge of scoring radiation-induced lung toxicity. 2009 , 21, 371-5	14
216	Effects of genistein following fractionated lung irradiation in mice. 2009 , 92, 500-10	51
215	Consequences of additional use of PET information for target volume delineation and radiotherapy dose distribution for esophageal cancer. 2009 , 93, 447-53	56

214	Radiation therapy-related toxicity (including pneumonitis and fibrosis). 2009 , 27, 293-310	12
213	Hepatopulmonary shunt reduction using chemoembolization to permit yttrium-90 radioembolization. 2009 , 20, 849-51	15
212	Re: Optimal strategies for combining transcatheter arterial chemoembolization and radiofrequency ablation in rabbit VX2 hepatic tumors. 2009 , 20, 851-2; author reply 852-3	
211	Application of evidence theory in radiation oncology outcome analysis. 2010 ,	
210	Pleiotropic effects of transforming growth factor- β in hematopoietic stem-cell transplantation. 2010 , 90, 1139-44	19
209	Late-occurring pulmonary pathologies following inhalation of mixed oxide (uranium + plutonium oxide) aerosol in the rat. 2010 , 99, 347-56	7
208	Radiation dose-volume effects in the lung. 2010 , 76, S70-6	704
207	ATM polymorphisms are associated with risk of radiation-induced pneumonitis. 2010 , 77, 1360-8	65
206	High dose-per-fraction irradiation of limited lung volumes using an image-guided, highly focused irradiator: simulating stereotactic body radiotherapy regimens in a small-animal model. 2010 , 77, 895-902	36
205	Hypoxia inducible factor 1 α signaling in fractionated radiation-induced lung injury: role of oxidative stress and tissue hypoxia. 2010 , 173, 165-74	62
204	A novel technique for post-mastectomy breast irradiation utilising non-coplanar intensity-modulated radiation therapy. 2010 , 83, 874-81	10
203	Treatment with Corticosteroid for Pericardial Effusion in a Patient with Advanced Synchronous Esophageal and Gastric Cancers following Chemoradiotherapy. 2010 , 4, 229-37	3
202	Radiation therapy-related toxicity (including pneumonitis and fibrosis). 2010 , 24, 625-42	5
201	Acute respiratory failure in the patient with cancer: diagnostic and management strategies. 2010 , 26, 21-40	40
200	Association of TGF β 1 polymorphisms involved in radiation toxicity with TGF β 1 secretion in vitro. 2010 , 50, 37-41	4
199	Genistein can mitigate the effect of radiation on rat lung tissue. 2010 , 173, 602-11	59
198	Cellular inflammatory infiltrate in pneumonitis induced by a single moderate dose of thoracic x radiation in rats. 2010 , 173, 545-56	34
197	Mitigation of lung injury after accidental exposure to radiation. 2011 , 176, 770-80	25

196	Radiation injury of the lung after stereotactic body radiation therapy (SBRT) for lung cancer: a timeline and pattern of CT changes. 2011 , 79, 147-54	77
195	Radiation pneumopathy in the rat after intravenous application of (188)Re-labeled microspheres. 2011 , 81, 529-36	8
194	PET/CT with 3Qdeoxy-3Q[18F]fluorothymidine for lung cancer patients receiving carbon-ion radiotherapy. 2011 , 32, 348-55	14
193	Does pre-operative estimation of oesophageal tumour metabolic length using 18F-fluorodeoxyglucose PET/CT images compare with surgical pathology length?. 2011 , 38, 656-62	18
192	Soluble TNF- α Receptor I encoded on plasmid vector and its application in experimental gene therapy of radiation-induced lung fibrosis. 2011 , 59, 315-26	13
191	Dietary flaxseed administered post thoracic radiation treatment improves survival and mitigates radiation-induced pneumonopathy in mice. 2011 , 11, 269	42
190	Keratinocyte growth factor (KGF) gene therapy mediated by an attenuated form of Salmonella typhimurium ameliorates radiation induced pulmonary injury in rats. 2011 , 52, 176-84	6
189	Subclinical vitamin A deficiency does not increase development of tumors in irradiated or unirradiated lungs. 2011 , 236, 1173-9	1
188	Salen Mn complexes mitigate radiation injury in normal tissues. 2011 , 11, 359-72	55
187	Mitigation of radiation-induced lung injury by genistein and EUK-207. 2011 , 87, 889-901	54
186	Predictive factors for radiation pneumonitis in oesophageal cancer patients treated with chemoradiotherapy without prophylactic nodal irradiation. 2012 , 85, 813-8	22
185	The prolonged gastrointestinal syndrome in rhesus macaques: the relationship between gastrointestinal, hematopoietic, and delayed multi-organ sequelae following acute, potentially lethal, partial-body irradiation. 2012 , 103, 427-53	84
184	Protection against acute radiation-induced lung injury: a novel role for the anti-angiogenic agent Endostar. 2012 , 6, 309-15	11
183	Mitigation of radiation induced pulmonary vascular injury by delayed treatment with captopril. 2012 , 17, 1261-8	25
182	Physiological interaction of heart and lung in thoracic irradiation. 2012 , 84, e639-46	105
181	Imaging radiation-induced normal tissue injury. 2012 , 177, 449-66	63
180	Effects of lipopolysaccharide on the response of C57BL/6J mice to whole thorax irradiation. 2012 , 105, 341-9	17
179	Challenges scoring radiation pneumonitis in patients irradiated for lung cancer. 2012 , 76, 350-3	36

178	Quantitative study of lung perfusion SPECT scanning and pulmonary function testing for early radiation-induced lung injury in patients with locally advanced non-small cell lung cancer. 2012 , 3, 631-635	11
177	A single-nucleotide polymorphism in the methylene tetrahydrofolate reductase (MTHFR) gene is associated with risk of radiation pneumonitis in lung cancer patients treated with thoracic radiation therapy. 2012 , 118, 3654-65	22
176	Radiation damage to the lung: mitigation by angiotensin-converting enzyme (ACE) inhibitors. 2012 , 17, 66-71	67
175	Hepatocyte growth factor gene-modified mesenchymal stem cells reduce radiation-induced lung injury. 2013 , 24, 343-53	64
174	Radiation-induced lung injury is mitigated by blockade of gastrin-releasing peptide. 2013 , 182, 1248-54	11
173	Renal and pulmonary late effects of cancer therapy. 2013 , 40, 757-73	19
172	The Organs at Risk and Radiation Tolerance Doses. 2013 , 117-138	0
171	Radiation mitigating properties of the lignan component in flaxseed. 2013 , 13, 179	43
170	Air Space and Bronchi II. 2013 , 73-105	
169	A selenocysteine derivative therapy affects radiation-induced pneumonitis in the mouse. 2013 , 49, 654-61	19
168	Meeting report: Emerging respiratory viral infections and nonhuman primate case reports. 2013 , 50, 1145-53	3
167	Enalapril mitigates radiation-induced pneumonitis and pulmonary fibrosis if started 35 days after whole-thorax irradiation. 2013 , 180, 546-52	39
166	Pulmonary rehabilitation in lung cancer. 2013 , 79, 73-80	2
165	The role of alveolar epithelium in radiation-induced lung injury. 2013 , 8, e53628	63
164	The impact of the myeloid response to radiation therapy. 2013 , 2013, 281958	34
163	Biomarkers in Lung Cancer: Integration with Radiogenomics Data. 2013 ,	1
162	Dosimetric Advantages of the Field-in-field Plan Compared with the Tangential Wedged Beams Plan for Whole-breast Irradiation. 2014 , 25, 199	3
161	Opposite roles for p38MAPK-driven responses and reactive oxygen species in the persistence and resolution of radiation-induced genomic instability. 2014 , 9, e108234	17

160	Left-sided whole breast irradiation with hybrid-IMRT and helical tomotherapy dosimetric comparison. 2014 , 2014, 741326	16
159	Radiation pneumonitis and pulmonary function with lung dose-volume constraints in breast cancer irradiation. 2014 , 13, 211-217	18
158	Grape seed pro-anthocyanidins ameliorates radiation-induced lung injury. 2014 , 18, 1267-77	16
157	Anatomical, functional and metabolic imaging of radiation-induced lung injury using hyperpolarized MRI. 2014 , 27, 1515-24	15
156	Early detection of acute radiation-induced lung injury with multi-section CT perfusion imaging: An initial experience. 2014 , 69, 853-60	6
155	Detection of radiation induced lung injury in rats using dynamic hyperpolarized (¹²⁹ Xe) magnetic resonance spectroscopy. 2014 , 41, 072302	29
154	Stem Cells in Aesthetic Procedures. 2014 ,	4
153	A preclinical rodent model of acute radiation-induced lung injury after ablative focal irradiation reflecting clinical stereotactic body radiotherapy. 2014 , 182, 83-91	16
152	A pilot study in rhesus macaques to assess the treatment efficacy of a small molecular weight catalytic metalloporphyrin antioxidant (AEOL 10150) in mitigating radiation-induced lung damage. 2014 , 106, 73-83	40
151	IMRT sparing of normal tissues in locoregional treatment of breast cancer. 2014 , 9, 161	9
150	Los efectos adversos de la radioterapia oncológica. ¿Qué debe saber el médico de familia?. 2015 , 22, 554-563	
149	Predictive SNPs for radiation-induced damage in lung cancer patients with radiotherapy: a potential strategy to individualize treatment. 2015 , 30, e1-11	7
148	Investigation of Stem-like Cells Role in Regional Radiosensitivity of the Lung. 2015 , 05,	
147	Protein Oxidation in the Lungs of C57BL/6J Mice Following X-Irradiation. 2015 , 3, 249-265	7
146	A Dosimetric Comparative Analysis of TomoDirect and Three-Dimensional Conformal Radiotherapy in Early Breast Cancer. <i>Journal of Breast Cancer</i> , 2015 , 18, 57-62	3 6
145	Therapeutic effects of C-28 methyl ester of 2-cyano-3,12-dioxoolean-1,9-dien-28-oic acid (CDDO-Me; bardoxolone methyl) on radiation-induced lung inflammation and fibrosis in mice. 2015 , 9, 3163-78	14
144	Ionizing radiation induces myofibroblast differentiation via lactate dehydrogenase. 2015 , 309, L879-87	26
143	Normal tissue complication probability models for severe acute radiological lung injury after radiotherapy for lung cancer. 2015 , 31, 1-8	21

142	Nondosimetric risk factors for radiation-induced lung toxicity. <i>Seminars in Radiation Oncology</i> , 2015 , 25, 100-9	5.5	78
141	Space radiation-associated lung injury in a murine model. 2015 , 308, L416-28		30
140	The inflammasome accelerates radiation-induced lung inflammation and fibrosis in mice. 2015 , 39, 917-26		35
139	Role of perfusion SPECT in prediction and measurement of pulmonary complications after radiotherapy for lung cancer. 2015 , 42, 1315-24		10
138	Animal models for acute radiation syndrome drug discovery. 2015 , 10, 497-517		68
137	Triptolide Mitigates Radiation-Induced Pulmonary Fibrosis. 2015 , 184, 509-17		21
136	A novel role of long non-coding RNAs in response to X-ray irradiation. 2015 , 30, 536-44		18
135	A Quantitative LQ-based Model for Lung Injury in Radiotherapy. <i>Technology in Cancer Research and Treatment</i> , 2015 , 14, 531-8	2.7	1
134	Regulatory T Cells Contribute to the Inhibition of Radiation-Induced Acute Lung Inflammation via Bee Venom Phospholipase A ₂ in Mice. 2016 , 8,		15
133	Induction of Chronic Inflammation and Altered Levels of DNA Hydroxymethylation in Somatic and Germinal Tissues of CBA/CaJ Mice Exposed to (48)Ti Ions. 2016 , 6, 155		7
132	Mesenchymal Stem Cells Adopt Lung Cell Phenotype in Normal and Radiation-induced Lung Injury Conditions. 2016 , 24, 283-95		7
131	The Potential Role of Lung Ultrasound B-Lines for Detection of Lung Radio-Induced Toxicity in Breast Cancer Patients after Radiation Therapy. 2016 , 33, 1374-80		4
130	Quantification of regional early stage gas exchange changes using hyperpolarized (129)Xe MRI in a rat model of radiation-induced lung injury. 2016 , 43, 2410		11
129	Pentoxifylline and vitamin E alone or in combination for preventing and treating side effects of radiation therapy and concomitant chemoradiotherapy. 2016 ,		2
128	Genetic variants in PI3K/AKT pathway are associated with severe radiation pneumonitis in lung cancer patients treated with radiation therapy. 2016 , 5, 24-32		24
127	Dihydroxyselenolane (DHS) supplementation improves survival following whole-body irradiation (WBI) by suppressing tissue-specific inflammatory responses. 2016 , 807, 33-46		8
126	Predictors of post-treatment symptomatic pneumonitis in lung SBRT patients through decision tree analysis. 2016 , 5, 273-278		2
125	Nuclear Countermeasure Activity of TP508 Linked to Restoration of Endothelial Function and Acceleration of DNA Repair. 2016 , 186, 162-74		6

124	The conjugation of Cu/Zn superoxide dismutase (SOD) to O-(2-hydroxyl) propyl-3-trimethyl ammonium chitosan chloride (O-HTCC) enhances its therapeutic potential against radiation-induced oxidative damage. 2016 , 7, 1826-1835		18
123	Radiation-induced lung fibrosis in a tumor-bearing mouse model is associated with enhanced Type-2 immunity. 2016 , 57, 133-41		10
122	Decreasing Irradiated Rat Lung Volume Changes Dose-Limiting Toxicity From Early to Late Effects. 2016 , 94, 163-171		13
121	Inhibition of Radiation-Induced Oxidative Damage in the Lung Tissue: May Acetylsalicylic Acid Have a Positive Role?. 2016 , 39, 158-165		17
120	Overview on cardiac, pulmonary and cutaneous toxicity in patients treated with adjuvant radiotherapy for breast cancer. 2017 , 24, 52-62		18
119	Tracking of Mesenchymal Stem Cells with Fluorescence Endomicroscopy Imaging in Radiotherapy-Induced Lung Injury. <i>Scientific Reports</i> , 2017 , 7, 40748	4.9	17
118	Pulmonary injury associated with radiation therapy - Assessment, complications and therapeutic targets. 2017 , 89, 1092-1104		27
117	Respiratory Complications. 2017 , 1-29		
116	The Lactate Dehydrogenase Inhibitor Gossypol Inhibits Radiation-Induced Pulmonary Fibrosis. 2017 , 188, 35-43		16
115	Ethyl pyruvate alleviates radiation-induced lung injury in mice. 2017 , 92, 468-478		15
114	Changes in miRNA in the lung and whole blood after whole thorax irradiation in rats. <i>Scientific Reports</i> , 2017 , 7, 44132	4.9	20
113	Radiation-induced lung toxicity in non-small-cell lung cancer: Understanding the interactions of clinical factors and cytokines with the dose-toxicity relationship. 2017 , 125, 66-72		7
112	Tomographic in vivo microscopy for the study of lung physiology at the alveolar level. <i>Scientific Reports</i> , 2017 , 7, 12545	4.9	20
111	[Lung dose constraints for normo-fractionated radiotherapy and for stereotactic body radiation therapy]. 2017 , 21, 584-596		5
110	Lipidomic dysregulation within the lung parenchyma following whole-thorax lung irradiation: Markers of injury, inflammation and fibrosis detected by MALDI-MSI. <i>Scientific Reports</i> , 2017 , 7, 10343	4.9	19
109	Conditional Plasminogen Activator Inhibitor Type 1 Deletion in the Endothelial Compartment Has No Beneficial Effect on Radiation-Induced Whole-Lung Damage in Mice. 2017 , 99, 972-982		5
108	Detection of regional radiation-induced lung injury using hyperpolarized Xe chemical shift imaging in a rat model involving partial lung irradiation: Proof-of-concept demonstration. 2017 , 2, 475-484		14
107	Nonhuman primates as models for the discovery and development of radiation countermeasures. 2017 , 12, 695-709		32

106	A review of radiation countermeasures focusing on injury-specific medicinals and regulatory approval status: part I. Radiation sub-syndromes, animal models and FDA-approved countermeasures. 2017 , 93, 851-869		82
105	Image-Guided Fluorescence Endomicroscopy: From Macro- to Micro-Imaging of Radiation-Induced Pulmonary Fibrosis. <i>Scientific Reports</i> , 2017 , 7, 17829	4-9	5
104	Total Body Irradiation Mitigates Inflammation and Extends the Therapeutic Time Window for Anti-Ricin Antibody Treatment against Pulmonary Ricinosis in Mice. 2017 , 9,		5
103	Thoracic Radiation Normal Tissue Injury. <i>Seminars in Radiation Oncology</i> , 2017 , 27, 370-377	5-5	77
102	Quantitative assessment of radiation dose and fractionation effects on normal tissue by utilizing a novel lung fibrosis index model. 2017 , 12, 172		12
101	Restoration of Facial Form and Lip Competence in a Patient with a Midfacial Defect. 2018 , 27, 496-500		0
100	Physiological gas exchange mapping of hyperpolarized Xe using spiral-IDEAL and MOXE in a model of regional radiation-induced lung injury. 2018 , 45, 803-816		16
99	Development of single nanometer-sized ultrafine oxygen bubbles to overcome the hypoxia-induced resistance to radiation therapy via the suppression of hypoxia-inducible factor-1 β . 2018 , 52, 679-686		6
98	Decreased Risk of Radiation Pneumonitis With Coincident Concurrent Use of Angiotensin-converting Enzyme Inhibitors in Patients Receiving Lung Stereotactic Body Radiation Therapy. 2018 , 41, 576-580		12
97	Detecting Out-of-Phase Ventilation Using 4DCT to Improve Radiation Therapy for Lung Cancer. 2018 , 251-259		2
96	Thalidomide (THD) alleviates radiation induced lung fibrosis (RILF) via down-regulation of TGF- β /Smad3 signaling pathway in an Nrf2-dependent manner. 2018 , 129, 446-453		14
95	Cytokines and radiation-induced pulmonary injuries. 2018 , 59, 709-753		34
94	Segmentation of histological images and fibrosis identification with a convolutional neural network. 2018 , 98, 147-158		23
93	Changes in Regional Ventilation During Treatment and Dosimetric Advantages of CT Ventilation Image Guided Radiation Therapy for Locally Advanced Lung Cancer. 2018 , 102, 1366-1373		10
92	Quantifying ventilation change due to radiation therapy using 4DCT Jacobian calculations. 2018 , 45, 4483-4492		11
91	Blockade of Aquaporin 4 Inhibits Irradiation-Induced Pulmonary Inflammation and Modulates Macrophage Polarization in Mice. 2018 , 41, 2196-2205		11
90	The Role of Mesenchymal Stem Cells in Radiation-Induced Lung Fibrosis. 2019 , 20,		39
89	Oral administration of 3,3'-diselenodipropionic acid prevents thoracic radiation induced pneumonitis in mice by suppressing NF- κ B/IL-17/G-CSF/neutrophil axis. 2019 , 145, 8-19		10

88	Impact of Radiotherapy Concurrent with Anti-PD-1 Therapy on the Lung Tissue of Tumor-Bearing Mice. 2019 , 191, 271-277	14
87	Ferroptosis inhibitor alleviates Radiation-induced lung fibrosis (RILF) via down-regulation of TGF- β . 2019 , 16, 11	67
86	Cancer Treatment-Related Lung Injury. 2019 , 1-26	
85	Magnesium isoglycyrrhizinate ameliorates radiation-induced pulmonary fibrosis by inhibiting fibroblast differentiation via the p38MAPK/Akt/Nox4 pathway. 2019 , 115, 108955	8
84	Radiation-Induced Lung Injury: Assessment and Management. 2019 , 156, 150-162	145
83	Blocking TBK1 alleviated radiation-induced pulmonary fibrosis and epithelial-mesenchymal transition through Akt-Erk inactivation. 2019 , 51, 1-17	12
82	Cryptotanshinone Ameliorates Radiation-Induced Lung Injury in Rats. 2019 , 2019, 1908416	7
81	Suplatast tosilate reduces radiation-induced lung injury in mice through suppression of oxidative stress. 2019 , 136, 52-59	10
80	Melatonin Alleviates Radiation-Induced Lung Injury via Regulation of miR-30e/NLRP3 Axis. 2019 , 2019, 4087298	32
79	A Proposal of Measuring Telemetry System for Patient Breathing Recording within Radiotherapy. 2019 , 52, 353-358	
78	K Channel Blocker Glibenclamide Prevents Radiation-Induced Lung Injury and Inhibits Radiation-Induced Apoptosis of Vascular Endothelial Cells by Increased Ca Influx and Subsequent PKC Activation. 2020 , 193, 171-185	4
77	Dose reduction to organs at risk with deep-inspiration breath-hold during right breast radiotherapy: a treatment planning study. 2019 , 14, 223	16
76	Haplodeletion of Follistatin-Like 1 Attenuates Radiation-Induced Pulmonary Fibrosis in Mice. 2019 , 103, 208-216	7
75	Is pectus excavatum a risk factor for radiation-induced lung disease in patients undergoing radiation therapy following breast-conserving surgery?. <i>Thoracic Cancer</i> , 2019 , 10, 203-208	3.2 0
74	SPECT V/Q in Lung Cancer Radiotherapy Planning. 2019 , 49, 31-36	7
73	Radiation-induced lung injury: impact on macrophage dysregulation and lipid alteration - a review. 2019 , 41, 370-379	12
72	Excluding PTV from lung volume may better predict radiation pneumonitis for intensity modulated radiation therapy in lung cancer patients. 2019 , 14, 7	10
71	Concise Review: Therapeutic Potential of the Mesenchymal Stem Cell Derived Secretome and Extracellular Vesicles for Radiation-Induced Lung Injury: Progress and Hypotheses. 2019 , 8, 344-354	46

70	Regulation of miR-125a expression by rs12976445 single-nucleotide polymorphism is associated with radiotherapy-induced pneumonitis in lung carcinoma patients. 2019 , 120, 4485-4493		5
69	Pulmonary Complications of Anticancer Treatment. 2020 , 715-724.e2		1
68	Autophagy markers as mediators of lung injury-implication for therapeutic intervention. 2020 , 260, 118308	10	
67	A Retrospective Analysis of Dose Distribution and Toxicity in Patients with Left Breast Cancer Treated with Adjuvant Intensity-Modulated Radiotherapy: Comparison with Three-Dimensional Conformal Radiotherapy. 2020 , 12, 9173-9182		4
66	Effects of phycocyanin on pulmonary and gut microbiota in a radiation-induced pulmonary fibrosis model. 2020 , 132, 110826		13
65	Predictive Modeling of Thoracic Radiotherapy Toxicity and the Potential Role of Serum Alpha-2-Macroglobulin. 2020 , 10, 1395		3
64	Prevention and treatment of radiotherapy-induced side effects. 2020 , 14, 1538-1554		19
63	Modeling the impact of out-of-phase ventilation on normal lung tissue response to radiation dose. 2020 , 47, 3233-3242		2
62	Precise prediction of the radiation pneumonitis in lung cancer: an explorative preliminary mathematical model using genotype information. 2020 , 11, 2329-2338		4
61	Pharmacological management of ionizing radiation injuries: current and prospective agents and targeted organ systems. 2020 , 21, 317-337		28
60	Low-Dose Radiation Therapy Promotes Radiation Pneumonitis by Activating NLRP3 Inflammasome. 2020 , 107, 804-814		15
59	Rare Causes of Cystic Lung Disease. 2021 , 259-266		
58	Anaesthesia for Breast Onco-surgeries and Reconstruction. 2021 , 235-250		
57	The efficacy and safety of Xuebijing injection in the treatment of radiation pneumonitis: A protocol for systematic review and meta-analysis. <i>Medicine (United States)</i> , 2021 , 100, e24344	1.8	2
56	Applications and therapeutic mechanisms of action of mesenchymal stem cells in radiation-induced lung injury. 2021 , 12, 212		1
55	Biology of Radiation-Induced Lung Injury. <i>Seminars in Radiation Oncology</i> , 2021 , 31, 155-161	5.5	4
54	Regional and organ-level responses to local lung irradiation in sheep. <i>Scientific Reports</i> , 2021 , 11, 9553	4.9	
53	Biological impacts on the lungs in rats internally exposed to radioactive MnO particle. <i>Scientific Reports</i> , 2021 , 11, 11055	4.9	7

52	All for one, though not one for all: team players in normal tissue radiobiology. 2021 , 1-21		2
51	The role of melatonin on radiation-induced pneumonitis and lung fibrosis: A systematic review. 2021 , 281, 119721		7
50	AEOL 10150 Alleviates Radiation-induced Innate Immune Responses in Non-human Primate Lung Tissue. 2021 , 121, 331-344		1
49	Salen Manganese Complexes Mitigate Radiation Injury in Normal Tissues Through Modulation of Tissue Environment, Including Through Redox Mechanisms. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016 , 265-285		4
48	Cancer Treatment-Related Lung Injury. 2020 , 531-556		2
47	Oxidative Stress and Pulmonary Fibrosis. 2014 , 1611-1631		3
46	Serum Alpha-2-Macroglobulin as an intrinsic radioprotective factor in patients undergoing thoracic radiation therapy.		2
45	BCL-XL exerts a protective role against anemia caused by radiation-induced kidney damage. <i>EMBO Journal</i> , 2020 , 39, e105561	13	2
44	Thoracic radiation-induced pleural effusion and risk factors in patients with lung cancer. <i>Oncotarget</i> , 2017 , 8, 97623-97632	3.3	9
43	The protective effects of granulocyte-macrophage colony-stimulating factor against radiation-induced lung injury. <i>Translational Lung Cancer Research</i> , 2020 , 9, 2440-2459	4.4	2
42	Radioprotective effect of melatonin on radiation-induced lung injury and lipid peroxidation in rats. <i>Cell Journal</i> , 2015 , 17, 111-20	2.4	34
41	Low-dose radiation therapy for coronavirus disease-2019 pneumonia: Is it time to look beyond apprehensions?. <i>Annals of Thoracic Medicine</i> , 2020 , 15, 199-207	2.2	4
40	Hesperidin as Radioprotector against Radiation-induced Lung Damage in Rat: A Histopathological Study. <i>Journal of Medical Physics</i> , 2017 , 42, 25-32	0.7	20
39	Feasibility Study on Deformable Image Registration for Lung SBRT Patients for Dose-Driven Adaptive Therapy. <i>International Journal of Medical Physics, Clinical Engineering and Radiation Oncology</i> , 2015 , 04, 224-232	0.1	7
38	F-FDG PET/CT in Patients with Parenchymal Changes Attributed to Radiation Pneumonitis. <i>Molecular Imaging and Radionuclide Therapy</i> , 2018 , 27, 107-112	0.8	9
37	Review of the Terminology Describing Ionizing Radiation-Induced Skin Injury: A Case for Standardization. <i>Technology in Cancer Research and Treatment</i> , 2021 , 20, 15330338211039681	2.7	0
36	Radiation-induced airway changes and downstream ventilation decline in a swine model. <i>Biomedical Physics and Engineering Express</i> , 2021 , 7,	1.5	0
35	The Radiobiological Rationale for Hypofractionation of Lung and Liver Tumors. 2007 , 39-53		

34	Radiation-induced lung disease. 2010 , 161-171		
33	The Adverse Effects of Radiotherapy and Its Management in the Hospice and Palliative Care Patients. <i>The Korean Journal of Hospice and Palliative Care</i> , 2011 , 14, 61-70	0.5	2
32	Free Fat Transfer in Irradiated Tissue. 2014 , 745-751		
31	An Appreciation for the Rabbit Ladderlike Modeling of Radiation-induced Lung Injury with High-energy X-Ray. <i>Chinese Medical Journal</i> , 2015 , 128, 1636-42	2.9	
30	The Research Summary of Treating Nonsmall-Cell Lung Cancer with Traditional Chinese and Western Medicine. <i>Traditional Chinese Medicine</i> , 2017 , 06, 24-28	0	
29	Hyperpolarized Gas MRI of Radiation-Induced Lung Injury. 2017 , 101-114		
28	A Longitudinal Study of Clinical Benefits with Implementation of the Deep Inspiration Breath-Hold Technique in Post-Operative Radiotherapy for Left-Sided Breast Cancer. <i>International Journal of Medical Physics, Clinical Engineering and Radiation Oncology</i> , 2019 , 08, 151-162	0.1	
27	Radiation-induced lung disease. 2019 , 612-614		
26	Cancer Treatment-Related Lung Injury. 2020 , 1-27		
25	BCL-XL is essential for the protection from secondary anemia caused by radiation-induced fatal kidney damage.		
24	Effect of Adjuvant Hormonal Therapy on the Development of Pulmonary Fibrosis after Postoperative Radiotherapy for Breast Cancer. <i>Journal of Breast Cancer</i> , 2020 , 23, 449-459	3	2
23	Non-conventional Ultra-High Dose Rate (FLASH) Microbeam Radiotherapy Provides Superior Normal Tissue Sparing in Rat Lung Compared to Non-conventional Ultra-High Dose Rate (FLASH) Radiotherapy.. <i>Cureus</i> , 2021 , 13, e19317	1.2	1
22	Inflammation and Cell Adhesion Molecules are Involved in Radiation-Induced Lung Injury. 2008 , 23-30		1
21	The Role of Imaging in the Study of Radiation-Induced Normal Tissue Injury. 2008 , 37-45		1
20	Single-nucleotide polymorphisms of TGF β 1 and ATM associated with radiation-induced pneumonitis: a prospective cohort study of thoracic cancer patients in China. <i>International Journal of Clinical and Experimental Medicine</i> , 2015 , 8, 16403-13		14
19	Angiotensin II is related to the acute aortic dissection complicated with lung injury through mediating the release of MMP9 from macrophages. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 1426-36	3	13
18	Hemin enhances radiosensitivity of lung cancer cells through ferroptosis. <i>Experimental Cell Research</i> , 2021 , 410, 112946	4.2	0
17	Rs12976445 polymorphism is associated with the risk of post-SAH re-bleeding by modulating the expression of microRNA-125 and ET-1.. <i>Scientific Reports</i> , 2022 , 12, 2062	4.9	

16	Chinese herbal injections for radiation pneumonitis: A protocol for systematic review and meta-analysis.. <i>Medicine (United States)</i> , 2022 , 101, e28929	1.8	
15	Risk factors for pulmonary complications after neoadjuvant chemoradiotherapy followed by surgery for non-small cell lung cancer.. <i>Thoracic Cancer</i> , 2021 ,	3.2	1
14	Data_Sheet_1.PDF. 2020 ,		
13	Data_Sheet_2.PDF. 2020 ,		
12	Redox interactions in chemo/radiation therapy-induced lung toxicity; mechanisms and therapy perspectives.. <i>Current Drug Targets</i> , 2022 , 23,	3	2
11	Measuring Indirect Radiation-Induced Perfusion Change in Fed Vasculature Using Dynamic Contrast CT. 2022 , 12, 1254		0
10	Targeting ferroptosis as a vulnerability in pulmonary diseases. 2022 , 13,		2
9	Annual effective dose and cancer risk for some types of grains samples (imported and domestic) in Kerbala Governorate, Iraq. 2022 ,		0
8	Respiratory Complications. 1-37		0
7	SGRT-based DIBH radiotherapy practice for right breast cancer combined with RNI: A retrospective study on dosimetry and treatment accuracy.		0
6	CT-derived vessel segmentation for analysis of post-radiation therapy changes in vasculature and perfusion. 13,		0
5	Alveolar type 2 epithelial cell senescence and radiation-induced pulmonary fibrosis. 10,		0
4	Natural gamma emitters in grains samples of Kerbala governorate markets. 2022 ,		0
3	CT-based imaging metrics for identification of radiation-induced lung damage.		0
2	ROS-sensitive Crocin-loaded chitosan microspheres for lung targeting and attenuation of radiation-induced lung injury. 2023 , 307, 120628		0
1	Predicting pulmonary ventilation damage after radiation therapy for nonsmall cell lung cancer using a ResNet generative adversarial network.		0