

Sunil Krishnan

List of Publications by Year in Descending Order

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

266
papers

13,584
citations

69
h-index

110
g-index

322
ext. papers

15,732
ext. citations

4.8
avg, IF

6.33
L-index

#	Paper	IF	Citations
266	COVID-19 Outcomes in Patients Hospitalised with Acute Myocardial Infarction (AMI): A Protocol for Systematic Review and Meta-Analysis. <i>Covid</i> , 2022 , 2, 138-147		1
265	Mapping Research on miRNAs in Cancer: A Global Data Analysis and Bibliometric Profiling Analysis.. <i>Pathophysiology</i> , 2022 , 29, 66-80	1.8	
264	ATR-mediated CD47 and PD-L1 up-regulation restricts radiotherapy-induced immune priming and abscopal responses in colorectal cancer. <i>Science Immunology</i> , 2022 , 7,	2.8	2
263	CXC chemokine receptor 4 (CXCR4) targeted gold nanoparticles potentially enhance radiotherapy outcomes in breast cancer. <i>Nanoscale</i> , 2021 , 13, 19056-19065	7.7	1
262	Moving Beyond the Standard of Care: Accelerate Testing of Radiation-Drug Combinations. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 111, 1131-1139	4	2
261	Low-Dose Radiation Therapy for COVID-19: Promises and Pitfalls. <i>JNCI Cancer Spectrum</i> , 2021 , 5, pkaa103.6	10.6	6
260	Radiation-Associated Lymphopenia and Outcomes of Patients with Unresectable Hepatocellular Carcinoma Treated with Radiotherapy. <i>Journal of Hepatocellular Carcinoma</i> , 2021 , 8, 57-69	5.3	8
259	Glutaminase inhibition with telaglenastat (CB-839) improves treatment response in combination with ionizing radiation in head and neck squamous cell carcinoma models. <i>Cancer Letters</i> , 2021 , 502, 180-188	9.9	10
258	MRI Staging in an Evolving Management Paradigm for Rectal Cancer, From the Special Series on Cancer Staging. <i>American Journal of Roentgenology</i> , 2021 , 217, 1282-1293	5.4	3
257	Real versus simulated galactic cosmic radiation for investigating cancer risk in the hematopoietic system - are we comparing apples to apples?. <i>Life Sciences in Space Research</i> , 2021 , 29, 8-14	2.4	2
256	Intensity Modulated Proton Therapy for Hepatocellular Carcinoma: Initial Clinical Experience. <i>Advances in Radiation Oncology</i> , 2021 , 6, 100675	3.3	2
255	Identification of Blood-Based Biomarkers for the Prediction of the Response to Neoadjuvant Chemoradiation in Rectal Cancer. <i>Cancers</i> , 2021 , 13,	6.6	2
254	Synthesis and characterization of gadolinium-decorated [60]fullerene for tumor imaging and radiation sensitization. <i>International Journal of Radiation Biology</i> , 2021 , 97, 1129-1139	2.9	0
253	Technological Advances in Radiotherapy 2021 , 73-91		
252	Prognostic Significance of Neutrophil to Lymphocyte Ratio Dynamics in Patients with Hepatocellular Carcinoma Treated with Radioembolization Using Glass Microspheres. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2624-2634	8.8	6
251	A Systematic Review and Meta-Analysis of Cancer Patients Affected by a Novel Coronavirus. <i>JNCI Cancer Spectrum</i> , 2021 , 5, pkaa102	4.6	29
250	Boron Neutron Capture Therapy: A Review of Clinical Applications. <i>Frontiers in Oncology</i> , 2021 , 11, 601820	3.0	25

249	Prognostic Utility of Platelet-Lymphocyte Ratio, Neutrophil-Lymphocyte Ratio and Monocyte-Lymphocyte Ratio in Head and Neck Cancers: A Detailed PRISMA Compliant Systematic Review and Meta-Analysis. <i>Cancers</i> , 2021 , 13,	6.6	10
248	High-Content Clonogenic Survival Screen to Identify Chemoradiation Sensitizers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 111, e27-e37	4	1
247	A Clinical Update on the Prognostic Effect of microRNA Biomarkers for Survival Outcome in Nasopharyngeal Carcinoma: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2021 , 13,	6.6	4
246	Preclinical Risk Evaluation of Normal Tissue Injury With Novel Radiosensitizers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 111, e54-e62	4	3
245	Stability of MRI contrast agents in high-energy radiation of a 1.5T MR-Linac. <i>Radiotherapy and Oncology</i> , 2021 , 161, 55-64	5.3	2
244	Carbon Ion Radiotherapy in the Management of Hepatocellular Carcinoma. <i>Journal of Hepatocellular Carcinoma</i> , 2021 , 8, 1169-1179	5.3	0
243	Nucleus-mitochondria positive feedback loop formed by ERK5 S496 phosphorylation-mediated poly (ADP-ribose) polymerase activation provokes persistent pro-inflammatory senescent phenotype and accelerates coronary atherosclerosis after chemo-radiation. <i>Redox Biology</i> , 2021 , 47, 102132	11.3	3
242	Safety and initial efficacy of ablative radioembolization for the treatment of unresectable intrahepatic cholangiocarcinoma. <i>Oncotarget</i> , 2021 , 12, 2075-2088	3.3	3
241	Oncogenic KRAS drives radioresistance through upregulation of NRF2-53BP1-mediated non-homologous end-joining repair. <i>Nucleic Acids Research</i> , 2021 , 49, 11067-11082	20.1	1
240	Immunomodulatory Effects of Radiotherapy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	16
239	Roadmap for metal nanoparticles in radiation therapy: current status, translational challenges, and future directions. <i>Physics in Medicine and Biology</i> , 2020 , 65, 21RM02	3.8	45
238	A systematic review of the role of carbon ion radiation therapy in recurrent rectal cancer. <i>Acta Oncologica</i> , 2020 , 59, 1218-1223	3.2	5
237	Clinical Theragnostic Potential of Diverse miRNA Expressions in Prostate Cancer: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2020 , 12,	6.6	7
236	Carbon Ion Radiotherapy in the Treatment of Pancreatic Cancer: A Review. <i>Pancreas</i> , 2020 , 49, 737-743	2.6	2
235	Genomic and Transcriptomic Characterisation of Response to Neoadjuvant Chemoradiotherapy in Locally Advanced Rectal Cancer. <i>Cancers</i> , 2020 , 12,	6.6	8
234	Molecular Nanomachines Can Destroy Tissue or Kill Multicellular Eukaryotes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 13657-13670	9.5	6
233	Virologic Impact of Radiotherapy in Hepatitis C Virus-Infected Patients With Hepatocellular Carcinoma. <i>Hepatology</i> , 2020 , 72, 775-777	11.2	3
232	Prognostic Value of MicroRNAs in Stage II Colorectal Cancer Patients: A Systematic Review and Meta-Analysis. <i>Molecular Diagnosis and Therapy</i> , 2020 , 24, 15-30	4.5	7

231	Proton minibeam-a springboard for physics, biology and clinical creativity. <i>British Journal of Radiology</i> , 2020 , 93, 20190332	3.4	0
230	A Mail Audit Independent Peer Review System for Dosimetry Verification of a Small Animal Irradiator. <i>Radiation Research</i> , 2020 , 193, 341-350	3.1	2
229	Origin and role of hepatic myofibroblasts in hepatocellular carcinoma. <i>Oncotarget</i> , 2020 , 11, 1186-1201	3.3	9
228	Nanoparticles for Stem Cell Therapy Bioengineering in Glioma. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 558375	5.8	6
227	Carbon Ion Therapy: A Modern Review of an Emerging Technology. <i>Frontiers in Oncology</i> , 2020 , 10, 82	5.3	63
226	Estimating the Number of Patients Eligible for Carbon Ion Radiotherapy in the United States. <i>International Journal of Particle Therapy</i> , 2020 , 7, 31-41	1.5	2
225	A systematic review and meta-analysis of cancer patients affected by a novel coronavirus 2020 ,		17
224	IMRT Reduces Acute Toxicity in Patients Treated With Preoperative Chemoradiation for Gastric Cancer. <i>Advances in Radiation Oncology</i> , 2020 , 5, 369-376	3.3	3
223	Visible-Light-Activated Molecular Nanomachines Kill Pancreatic Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 410-417	9.5	6
222	Enhancing efficacy of gemcitabine in pancreatic patient-derived xenograft mouse models. <i>International Journal of Pharmaceutics: X</i> , 2020 , 2, 100056	3.2	2
221	Pilot study of neurologic toxicity in mice after proton minibeam therapy. <i>Scientific Reports</i> , 2020 , 10, 11368	4.9	1
220	Immunogenicity of Externally Activated Nanoparticles for Cancer Therapy. <i>Cancers</i> , 2020 , 12,	6.6	2
219	Carbon ion radiation therapy in breast cancer: a new frontier. <i>Breast Cancer Research and Treatment</i> , 2020 , 181, 291-296	4.4	7
218	Pathologic Response and Postoperative Complications After Short-course Radiation Therapy and Chemotherapy for Patients With Rectal Adenocarcinoma. <i>Clinical Colorectal Cancer</i> , 2020 , 19, 116-122	3.8	0
217	Assessment of setup uncertainty in hypofractionated liver radiation therapy with a breath-hold technique using automatic image registration-based image guidance. <i>Radiation Oncology</i> , 2019 , 14, 154	4.2	5
216	Definitive hyperfractionated, accelerated proton reirradiation for patients with pelvic malignancies. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 19, 59-65	4.6	13
215	Exploiting Arginine Auxotrophy with Pegylated Arginine Deiminase (ADI-PEG20) to Sensitize Pancreatic Cancer to Radiotherapy via Metabolic Dysregulation. <i>Molecular Cancer Therapeutics</i> , 2019 , 18, 2381-2393	6.1	14
214	Biomarkers of radiation-induced vascular injury. <i>Cancer Reports</i> , 2019 , 2, e1152	1.5	4

213	Evaluation of dose point kernel rescaling methods for nanoscale dose estimation around gold nanoparticles using Geant4 Monte Carlo simulations. <i>Scientific Reports</i> , 2019 , 9, 3583	4.9	7
212	Predictors of Radiation-Induced Liver Disease in Eastern and Western Patients With Hepatocellular Carcinoma Undergoing Proton Beam Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 105, 73-86	4	24
211	Proton beam therapy outcomes for localized unresectable hepatocellular carcinoma. <i>Radiotherapy and Oncology</i> , 2019 , 133, 54-61	5.3	23
210	The application of nanotechnology in enhancing immunotherapy for cancer treatment: current effects and perspective. <i>Nanoscale</i> , 2019 , 11, 17157-17178	7.7	36
209	Prognostic Value of miRNAs in Head and Neck Cancers: A Comprehensive Systematic and Meta-Analysis. <i>Cells</i> , 2019 , 8,	7.9	25
208	Targeting CDK9 and MCL-1 by a new CDK9/p-TEFb inhibitor with and without 5-fluorouracil in esophageal adenocarcinoma. <i>Therapeutic Advances in Medical Oncology</i> , 2019 , 11, 1758835919864850	5.4	6
207	miRNA Predictors of Pancreatic Cancer Chemotherapeutic Response: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2019 , 11,	6.6	14
206	Clinical Theragnostic Relationship between Drug-Resistance Specific miRNA Expressions, Chemotherapeutic Resistance, and Sensitivity in Breast Cancer: A Systematic Review and Meta-Analysis. <i>Cells</i> , 2019 , 8,	7.9	22
205	Boron-Nanoparticle-Loaded Folic-Acid-Functionalized Liposomes to Achieve Optimum Boron Concentration for Boron Neutron Capture Therapy of Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2019 , 15, 1714-1723	4	15
204	High-sensitivity imaging and quantification of intratumoral distributions of gold nanoparticles using a benchtop x-ray fluorescence imaging system. <i>Optics Letters</i> , 2019 , 44, 5314-5317	3	6
203	Targeting cyclin-dependent kinase 9 by a novel inhibitor enhances radiosensitization and identifies Axl as a novel downstream target in esophageal adenocarcinoma. <i>Oncotarget</i> , 2019 , 10, 4703-4718	3.3	6
202	Merging Orthovoltage X-Ray Minibeams spare the proximal tissues while producing a solid beam at the target. <i>Scientific Reports</i> , 2019 , 9, 1198	4.9	9
201	A novel patient-derived orthotopic xenograft model of esophageal adenocarcinoma provides a platform for translational discoveries. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12,	4.1	7
200	Enhancing Colorectal Cancer Radiation Therapy Efficacy using Silver Nanoprisms Decorated with Graphene as Radiosensitizers. <i>Scientific Reports</i> , 2019 , 9, 17120	4.9	18
199	Ultra high dose rate (35 Gy/sec) radiation does not spare the normal tissue in cardiac and splenic models of lymphopenia and gastrointestinal syndrome. <i>Scientific Reports</i> , 2019 , 9, 17180	4.9	30
198	YAP1-Mediated CDK6 Activation Confers Radiation Resistance in Esophageal Cancer - Rationale for the Combination of YAP1 and CDK4/6 Inhibitors in Esophageal Cancer. <i>Clinical Cancer Research</i> , 2019 , 25, 2264-2277	12.9	34
197	Differences in nativity, age and gender may impact health behavior and perspectives among Asian Indians. <i>Ethnicity and Health</i> , 2019 , 24, 484-494	2.2	2
196	Clinically relevant bleeding in cancer patients treated for venous thromboembolism from the CATCH study. <i>Journal of Thrombosis and Haemostasis</i> , 2018 , 16, 1069-1077	15.4	17

195	A systematic review of the influence of radiation-induced lymphopenia on survival outcomes in solid tumors. <i>Critical Reviews in Oncology/Hematology</i> , 2018 , 123, 42-51	7	138
194	Quantitative Electrochemical DNA Microarray on a Monolith Electrode with Ten Attomolar Sensitivity, 100% Specificity, and Zero Background. <i>ChemElectroChem</i> , 2018 , 5, 429-433	4.3	5
193	Radiation therapy and immunotherapy: what is the optimal timing or sequencing?. <i>Immunotherapy</i> , 2018 , 10, 299-316	3.8	29
192	Imaging-based biomarkers: Changes in the tumor interface of pancreatic ductal adenocarcinoma on computed tomography scans indicate response to cytotoxic therapy. <i>Cancer</i> , 2018 , 124, 1701-1709	6.4	25
191	Supramolecular Nanofibers of Curcumin for Highly Amplified Radiosensitization of Colorectal Cancers to Ionizing Radiation. <i>Advanced Functional Materials</i> , 2018 , 28, 1707140	15.6	44
190	Severe lymphopenia during neoadjuvant chemoradiation for esophageal cancer: A propensity matched analysis of the relative risk of proton versus photon-based radiation therapy. <i>Radiotherapy and Oncology</i> , 2018 , 128, 154-160	5.3	68
189	Harnessing and Optimizing the Interplay between Immunotherapy and Radiotherapy to Improve Survival Outcomes. <i>Molecular Cancer Research</i> , 2018 , 16, 1209-1214	6.6	6
188	High lymphocyte count during neoadjuvant chemoradiotherapy is associated with improved pathologic complete response in esophageal cancer. <i>Radiotherapy and Oncology</i> , 2018 , 128, 584-590	5.3	47
187	Hyperfractionated Accelerated Reirradiation for Patients With Recurrent Anal Cancer Previously Treated With Definitive Chemoradiation. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2018 , 41, 632-637	2.7	9
186	Ionizing Radiation Induces Endothelial Inflammation and Apoptosis via p90RSK-Mediated ERK5 S496 Phosphorylation. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 23	5.4	9
185	Developing a Reliable Mouse Model for Cancer Therapy-Induced Cardiovascular Toxicity in Cancer Patients and Survivors. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 26	5.4	5
184	Gold-Small Interfering RNA as Optically Responsive Nanostructures for Cancer Theranostics. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 809-828	4	9
183	Treatment of primary rectal adenocarcinoma after prior pelvic radiation: The role of hyperfractionated accelerated reirradiation. <i>Advances in Radiation Oncology</i> , 2018 , 3, 595-600	3.3	3
182	Hypoxia-targeted gold nanorods for cancer photothermal therapy. <i>Oncotarget</i> , 2018 , 9, 26556-26571	3.3	18
181	Recent advances in radiation therapy of pancreatic cancer. <i>F1000Research</i> , 2018 , 7,	3.6	5
180	A phase I study of MEDI1873, a novel G1TR agonist, in advanced solid tumors. <i>Annals of Oncology</i> , 2018 , 29, viii411	10.3	5
179	Radiation-Induced Endothelial Vascular Injury: A Review of Possible Mechanisms. <i>JACC Basic To Translational Science</i> , 2018 , 3, 563-572	8.7	83
178	Extended-Field Chemoradiation Therapy for Definitive Treatment of Anal Canal Squamous Cell Carcinoma Involving the Para-Aortic Lymph Nodes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 102, 102-108	4	11

177	Imaging predictors of treatment outcomes in rectal cancer: An overview. <i>Critical Reviews in Oncology/Hematology</i> , 2018 , 129, 153-162	7	8
176	Report from the SWOG Radiation Oncology Committee: Research Objectives Workshop 2017. <i>Clinical Cancer Research</i> , 2018 , 24, 3500-3509	12.9	2
175	Definitive Chemoradiation for Squamous Cell Carcinoma of the Rectum. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2017 , 40, 163-166	2.7	14
174	Oncologic and Functional Hazards of Obesity Among Patients With Locally Advanced Rectal Cancer Following Neoadjuvant Chemoradiation Therapy. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2017 , 40, 277-282	2.7	12
173	Chemoradiation for High-grade Neuroendocrine Carcinoma of the Rectum and Anal Canal. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2017 , 40, 555-560	2.7	10
172	Gold nanotriangles: scale up and X-ray radiosensitization effects in mice. <i>Nanoscale</i> , 2017 , 9, 5085-5093	7.7	43
171	Hyperfractionated accelerated reirradiation for rectal cancer: An analysis of outcomes and toxicity. <i>Radiotherapy and Oncology</i> , 2017 , 122, 146-151	5.3	32
170	Real-time liver uptake and biodistribution of magnetic nanoparticles determined by AC biosusceptometry. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1519-1529	6	23
169	Mitochondrion-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics Synergistically Boosts the Radiosensitivity of Cancer Cells to Ionizing Radiation. <i>Advanced Materials</i> , 2017 , 29, 1606167	24	173
168	Radiosensitizers: Mitochondrion-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics Synergistically Boosts the Radiosensitivity of Cancer Cells to Ionizing Radiation (Adv. Mater. 15/2017). <i>Advanced Materials</i> , 2017 , 29,	24	1
167	Preoperative radiation dose escalation for rectal cancer using a concomitant boost strategy improves tumor downstaging without increasing toxicity: A matched-pair analysis. <i>Advances in Radiation Oncology</i> , 2017 , 2, 455-464	3.3	13
166	In Reply to Yazici et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 98, 485-486	4	3
165	The Rise of Radiomics and Implications for Oncologic Management. <i>Journal of the National Cancer Institute</i> , 2017 , 109,	9.7	74
164	Dose escalation with an IMRT technique in 15 to 28 fractions is better tolerated than standard doses of 3DCRT for LAPC. <i>Advances in Radiation Oncology</i> , 2017 , 2, 403-415	3.3	16
163	Short course radiation as a component of definitive multidisciplinary treatment for select patients with metastatic rectal adenocarcinoma. <i>Journal of Gastrointestinal Oncology</i> , 2017 , 8, 990-997	2.8	16
162	Definitive radiation therapy for hepatocellular carcinoma with portal vein tumor thrombus. <i>Clinical and Translational Radiation Oncology</i> , 2017 , 4, 39-45	4.6	8
161	En Face Preparation of Mouse Blood Vessels. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	12
160	Does Unintentional Splenic Radiation Predict Outcomes After Pancreatic Cancer Radiation Therapy?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 97, 323-332	4	55

159	Suppression of Type I IFN Signaling in Tumors Mediates Resistance to Anti-PD-1 Treatment That Can Be Overcome by Radiotherapy. <i>Cancer Research</i> , 2017 , 77, 839-850	10.1	145
158	Preoperative Therapy and Pancreatoduodenectomy for Pancreatic Ductal Adenocarcinoma: a 25-Year Single-Institution Experience. <i>Journal of Gastrointestinal Surgery</i> , 2017 , 21, 164-174	3.3	97
157	Radiosensitization of Prostate Cancers In Vitro and In Vivo to Erbium-filtered Orthovoltage X-rays Using Actively Targeted Gold Nanoparticles. <i>Scientific Reports</i> , 2017 , 7, 18044	4.9	24
156	Radiation-Induced Cardiovascular Disease: A Clinical Perspective. <i>Frontiers in Cardiovascular Medicine</i> , 2017 , 4, 66	5.4	58
155	Reduced expression of argininosuccinate synthetase 1 has a negative prognostic impact in patients with pancreatic ductal adenocarcinoma. <i>PLoS ONE</i> , 2017 , 12, e0171985	3.7	17
154	Smart thermosensitive liposomes for effective solid tumor therapy and in vivo imaging. <i>PLoS ONE</i> , 2017 , 12, e0185116	3.7	17
153	Antitumor effects of cyclin dependent kinase 9 inhibition in esophageal adenocarcinoma. <i>Oncotarget</i> , 2017 , 8, 28696-28710	3.3	12
152	Spatial habitats from multiparametric MR imaging are associated with signaling pathway activities and survival in glioblastoma. <i>Oncotarget</i> , 2017 , 8, 112992-113001	3.3	13
151	Biologic mesh spacer placement facilitates safe delivery of dose-intense radiation therapy: A novel treatment option for unresectable liver tumors. <i>European Journal of Surgical Oncology</i> , 2016 , 42, 1591-63.6	3.6	7
150	Biliary cancer: Utility of next-generation sequencing for clinical management. <i>Cancer</i> , 2016 , 122, 3838-3847	4.7	185
149	Enhancing the Relative Biological Effectiveness of Proton Therapy Using EGFR-Targeted Gold Nanorods. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 96, S236-S237	4	2
148	Preoperative Chemoradiation for Pancreatic Adenocarcinoma Does Not Increase 90-Day Postoperative Morbidity or Mortality. <i>Journal of Gastrointestinal Surgery</i> , 2016 , 20, 1975-1985	3.3	33
147	Hyperthermia using nanoparticles--Promises and pitfalls. <i>International Journal of Hyperthermia</i> , 2016 , 32, 76-88	3.7	105
146	Tumor Cells Surviving Exposure to Proton or Photon Radiation Share a Common Immunogenic Modulation Signature, Rendering Them More Sensitive to T Cell-Mediated Killing. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 95, 120-130	4	87
145	Focal Radiation Therapy Dose Escalation Improves Overall Survival in Locally Advanced Pancreatic Cancer Patients Receiving Induction Chemotherapy and Consolidative Chemoradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 94, 755-65	4	194
144	Everything Old Is New Again: Using Nelfinavir to Radiosensitize Rectal Cancer. <i>Clinical Cancer Research</i> , 2016 , 22, 1834-6	12.9	3
143	Immunotherapy and stereotactic ablative radiotherapy (ISABR): a curative approach?. <i>Nature Reviews Clinical Oncology</i> , 2016 , 13, 516-24	19.4	195
142	Quantitative investigation of physical factors contributing to gold nanoparticle-mediated proton dose enhancement. <i>Physics in Medicine and Biology</i> , 2016 , 61, 2562-81	3.8	31

141	PDL1 Regulation by p53 via miR-34. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	351
140	Roadmap to Clinical Use of Gold Nanoparticles for Radiation Sensitization. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 94, 189-205	4	132
139	Phase I Trial of Consolidative Radiotherapy with Concurrent Bevacizumab, Erlotinib and Capecitabine for Unresectable Pancreatic Cancer. <i>PLoS ONE</i> , 2016 , 11, e0156910	3.7	8
138	Radiomics in cancer diagnosis, cancer staging, and prediction of response to treatment. <i>Translational Cancer Research</i> , 2016 , 5, 337-339	0.3	7
137	SU-F-T-666: Molecular-Targeted Gold Nanorods Enhances the RBE of Proton Therapy. <i>Medical Physics</i> , 2016 , 43, 3617-3617	4.4	
136	Impact of hypofractionated and standard fractionated chemoradiation before pancreatoduodenectomy for pancreatic ductal adenocarcinoma. <i>Cancer</i> , 2016 , 122, 2671-9	6.4	37
135	Radiotherapy for Hepatocellular Carcinoma: New Indications and Directions for Future Study. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	49
134	Nanochannel Implants for Minimally-Invasive Insertion and Intratumoral Delivery. <i>Journal of Biomedical Nanotechnology</i> , 2016 , 12, 1907-15	4	17
133	H19 Noncoding RNA, an Independent Prognostic Factor, Regulates Essential Rb-E2F and CDK8- β Catenin Signaling in Colorectal Cancer. <i>EBioMedicine</i> , 2016 , 13, 113-124	8.8	84
132	Quantitative imaging of gold nanoparticle distribution in a tumor-bearing mouse using benchtop x-ray fluorescence computed tomography. <i>Scientific Reports</i> , 2016 , 6, 22079	4.9	81
131	Magnetic nanoparticle-induced hyperthermia with appropriate payloads: Paul Ehrlich's "magic (nano)bullet" for cancer theranostics?. <i>Cancer Treatment Reviews</i> , 2016 , 50, 217-227	14.4	67
130	Recent Advances and Prospects for Multimodality Therapy in Pancreatic Cancer. <i>Seminars in Radiation Oncology</i> , 2016 , 26, 320-37	5.5	15
129	Technology for Innovation in Radiation Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 93, 485-92	4	43
128	Minibeam therapy with protons and light ions: physical feasibility and potential to reduce radiation side effects and to facilitate hypofractionation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 92, 469-74	4	40
127	Quality of life after intensity-modulated radiation therapy for anal cancer. <i>Journal of Radiation Oncology</i> , 2015 , 4, 291-298	0.7	4
126	Radiotherapy-Induced Malfunction in Contemporary Cardiovascular Implantable Electronic Devices: Clinical Incidence and Predictors. <i>JAMA Oncology</i> , 2015 , 1, 624-32	13.4	62
125	Potential Applications of Nanoparticles for Hyperthermia. <i>Heat Shock Proteins</i> , 2015 , 197-216	0.2	
124	In Reply to Sahadevan. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 93, 1164-5	4	3

123	Zerumbone increases oxidative stress in a thiol-dependent ROS-independent manner to increase DNA damage and sensitize colorectal cancer cells to radiation. <i>Cancer Medicine</i> , 2015 , 4, 278-92	4.8	38
122	HER2/neu-directed therapy for biliary tract cancer. <i>Journal of Hematology and Oncology</i> , 2015 , 8, 58	22.4	149
121	Charged Particle Therapy with Mini-Segmented Beams. <i>Frontiers in Oncology</i> , 2015 , 5, 269	5.3	16
120	Vitamin E Analogs as Radiation Response Modifiers. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 741301	2.3	15
119	Targeted gold nanoparticles enhance sensitization of prostate tumors to megavoltage radiation therapy in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 1277-83	6	113
118	Paraneoplastic thrombocytosis independently predicts poor prognosis in patients with locally advanced pancreatic cancer. <i>Acta Oncologica</i> , 2015 , 54, 971-8	3.2	39
117	The evolving evidence for the efficacy and safety of charged particle therapy for hepatocellular carcinoma-a commentary. <i>Annals of Translational Medicine</i> , 2015 , 3, 364	3.2	
116	SU-E-T-46: A Monte Carlo Investigation of Radiation Interactions with Gold Nanoparticles in Water for 6 MV, 85 KeV and 40 KeV Photon Beams. <i>Medical Physics</i> , 2015 , 42, 3341-3341	4.4	
115	Gold nanoparticles in breast cancer treatment: promise and potential pitfalls. <i>Cancer Letters</i> , 2014 , 347, 46-53	9.9	168
114	Combining radiation and immunotherapy: a new systemic therapy for solid tumors?. <i>Cancer Immunology Research</i> , 2014 , 2, 831-8	12.5	226
113	Interobserver variability in target definition for hepatocellular carcinoma with and without portal vein thrombus: radiation therapy oncology group consensus guidelines. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 89, 804-13	4	27
112	Design of an Yb-169 source optimized for gold nanoparticle-aided radiation therapy. <i>Medical Physics</i> , 2014 , 41, 101709	4.4	10
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