

Sunil Krishnan

List of Publications by Citations

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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	Curcumin potentiates antitumor activity of gemcitabine in an orthotopic model of pancreatic cancer through suppression of proliferation, angiogenesis, and inhibition of nuclear factor-kappaB-regulated gene products. <i>Cancer Research</i> , 2007 , 67, 3853-61	10.1	520
265	Preoperative gemcitabine and cisplatin followed by gemcitabine-based chemoradiation for resectable adenocarcinoma of the pancreatic head. <i>Journal of Clinical Oncology</i> , 2008 , 26, 3487-95	2.2	378
264	Long-term survival after multidisciplinary management of resected pancreatic adenocarcinoma. <i>Annals of Surgical Oncology</i> , 2009 , 16, 836-47	3.1	359
263	PDL1 Regulation by p53 via miR-34. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	351
262	Neoadjuvant treatment response as an early response indicator for patients with rectal cancer. <i>Journal of Clinical Oncology</i> , 2012 , 30, 1770-6	2.2	327
261	Nanoparticle-mediated hyperthermia in cancer therapy. <i>Therapeutic Delivery</i> , 2011 , 2, 1001-14	3.8	282
260	Predictors of tumor response and downstaging in patients who receive preoperative chemoradiation for rectal cancer. <i>Cancer</i> , 2007 , 109, 1750-5	6.4	247
259	Combining radiation and immunotherapy: a new systemic therapy for solid tumors?. <i>Cancer Immunology Research</i> , 2014 , 2, 831-8	12.5	226
258	Phase II trial of cetuximab, gemcitabine, and oxaliplatin followed by chemoradiation with cetuximab for locally advanced (T4) pancreatic adenocarcinoma: correlation of Smad4(Dpc4) immunostaining with pattern of disease progression. <i>Journal of Clinical Oncology</i> , 2011 , 29, 3037-43	2.2	218
257	Phase I/II trial of erlotinib and temozolomide with radiation therapy in the treatment of newly diagnosed glioblastoma multiforme: North Central Cancer Treatment Group Study N0177. <i>Journal of Clinical Oncology</i> , 2008 , 26, 5603-9	2.2	218
256	Induction chemotherapy selects patients with locally advanced, unresectable pancreatic cancer for optimal benefit from consolidative chemoradiation therapy. <i>Cancer</i> , 2007 , 110, 47-55	6.4	214
255	Immunotherapy and stereotactic ablative radiotherapy (ISABR): a curative approach?. <i>Nature Reviews Clinical Oncology</i> , 2016 , 13, 516-24	19.4	195
254	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
253	Modulation of in vivo tumor radiation response via gold nanoshell-mediated vascular-focused hyperthermia: characterizing an integrated antihypoxic and localized vascular disrupting targeting strategy. <i>Nano Letters</i> , 2008 , 8, 1492-500	11.5	186
252	Biliary cancer: Utility of next-generation sequencing for clinical management. <i>Cancer</i> , 2016 , 122, 3838-3847	11.7	185
251	Estimation of microscopic dose enhancement factor around gold nanoparticles by Monte Carlo calculations. <i>Medical Physics</i> , 2010 , 37, 3809-16	4.4	178
250	Curcumin sensitizes human colorectal cancer xenografts in nude mice to gamma-radiation by targeting nuclear factor-kappaB-regulated gene products. <i>Clinical Cancer Research</i> , 2008 , 14, 2128-36	12.9	178

249	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
248	The dosimetric feasibility of gold nanoparticle-aided radiation therapy (GNRT) via brachytherapy using low-energy gamma-/x-ray sources. <i>Physics in Medicine and Biology</i> , 2009 , 54, 4889-905	3.8	172
247	Gold nanoparticles in breast cancer treatment: promise and potential pitfalls. <i>Cancer Letters</i> , 2014 , 347, 46-53	9.9	168
246	Imaging epidermal growth factor receptor expression in vivo: pharmacokinetic and biodistribution characterization of a bioconjugated quantum dot nanoprobe. <i>Clinical Cancer Research</i> , 2008 , 14, 731-41	12.9	160
245	Curcumin sensitizes human colorectal cancer to capecitabine by modulation of cyclin D1, COX-2, MMP-9, VEGF and CXCR4 expression in an orthotopic mouse model. <i>International Journal of Cancer</i> , 2009 , 125, 2187-97	7.5	157
244	HER2/neu-directed therapy for biliary tract cancer. <i>Journal of Hematology and Oncology</i> , 2015 , 8, 58	22.4	149
243	Gastrointestinal complications associated with hepatic arterial Yttrium-90 microsphere therapy. <i>Journal of Vascular and Interventional Radiology</i> , 2007 , 18, 553-61; quiz 562	2.4	148
242	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
241	Thermal enhancement with optically activated gold nanoshells sensitizes breast cancer stem cells to radiation therapy. <i>Science Translational Medicine</i> , 2010 , 2, 55ra79	17.5	145
240	Curcumin modulates the radiosensitivity of colorectal cancer cells by suppressing constitutive and inducible NF-kappaB activity. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 75, 534-42	4	142
239	Resveratrol, a multitargeted agent, can enhance antitumor activity of gemcitabine in vitro and in orthotopic mouse model of human pancreatic cancer. <i>International Journal of Cancer</i> , 2010 , 127, 257-68	7.5	140
238	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
237	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
236	Modification of the cysteine residues in I kappa B alpha kinase and NF-kappaB (p65) by xanthohumol leads to suppression of NF-kappaB-regulated gene products and potentiation of apoptosis in leukemia cells. <i>Blood</i> , 2009 , 113, 2003-13	2.2	132
235	Ursolic acid inhibits growth and metastasis of human colorectal cancer in an orthotopic nude mouse model by targeting multiple cell signaling pathways: chemosensitization with capecitabine. <i>Clinical Cancer Research</i> , 2012 , 18, 4942-53	12.9	128
234	Clinical and pathologic predictors of locoregional recurrence, distant metastasis, and overall survival in patients treated with chemoradiation and mesorectal excision for rectal cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2006 , 29, 219-24	2.7	128
233	Neutrophil gelatinase-associated lipocalin: a novel suppressor of invasion and angiogenesis in pancreatic cancer. <i>Cancer Research</i> , 2008 , 68, 6100-8	10.1	125
232	Serum carbohydrate antigen 19-9 represents a marker of response to neoadjuvant therapy in patients with borderline resectable pancreatic cancer. <i>Hpb</i> , 2014 , 16, 430-8	3.8	119

231	Targeting inflammatory pathways for tumor radiosensitization. <i>Biochemical Pharmacology</i> , 2010 , 80, 1904-14	6	118
230	A novel small-molecule inhibitor of protein kinase D blocks pancreatic cancer growth in vitro and in vivo. <i>Molecular Cancer Therapeutics</i> , 2010 , 9, 1136-46	6.1	116
229	Radiosurgery for cranial base chordomas and chondrosarcomas. <i>Neurosurgery</i> , 2005 , 56, 777-84; discussion 777-84	3.2	116
228	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
227	Targeting cell signaling pathways for drug discovery: an old lock needs a new key. <i>Journal of Cellular Biochemistry</i> , 2007 , 102, 580-92	4.7	107
226	Nanoparticle-mediated thermal therapy: evolving strategies for prostate cancer therapy. <i>International Journal of Hyperthermia</i> , 2010 , 26, 775-89	3.7	106
225	Correlation between internal fiducial tumor motion and external marker motion for liver tumors imaged with 4D-CT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007 , 67, 630-8	4	106
224	Hyperthermia using nanoparticles--Promises and pitfalls. <i>International Journal of Hyperthermia</i> , 2016 , 32, 76-88	3.7	105
223	{Gamma}-tocotrienol inhibits pancreatic tumors and sensitizes them to gemcitabine treatment by modulating the inflammatory microenvironment. <i>Cancer Research</i> , 2010 , 70, 8695-705	10.1	104
222	Back to basics: how natural products can provide the basis for new therapeutics. <i>Expert Opinion on Investigational Drugs</i> , 2007 , 16, 1753-73	5.9	103
221	Phase II study of capecitabine (Xeloda) and concomitant boost radiotherapy in patients with locally advanced rectal cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006 , 66, 762-71	4	102
220	Clinical and prognostic implications of plasma insulin-like growth factor-1 and vascular endothelial growth factor in patients with hepatocellular carcinoma. <i>Journal of Clinical Oncology</i> , 2011 , 29, 3892-9	2.2	98
219	Retrospective study of clinicopathologic features and prognosis of high-grade neuroendocrine carcinoma of the esophagus. <i>American Journal of Surgical Pathology</i> , 2008 , 32, 1404-11	6.7	98
218	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
217	Local excision after preoperative chemoradiation results in an equivalent outcome to total mesorectal excision in selected patients with T3 rectal cancer. <i>Annals of Surgical Oncology</i> , 2010 , 17, 441-7	3.1	91
216	Sesamin manifests chemopreventive effects through the suppression of NF-kappa B-regulated cell survival, proliferation, invasion, and angiogenic gene products. <i>Molecular Cancer Research</i> , 2010 , 8, 751-61	6.6	88
215	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
214	Long-term survival and recurrence outcomes following surgery for distal rectal cancer. <i>Annals of Surgical Oncology</i> , 2010 , 17, 2863-9	3.1	87

213	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
212	In vivo tumor targeting of gold nanoparticles: effect of particle type and dosing strategy. <i>International Journal of Nanomedicine</i> , 2012 , 7, 1251-8	7.3	83
211	Therapeutic significance of elevated tissue transglutaminase expression in pancreatic cancer. <i>Clinical Cancer Research</i> , 2008 , 14, 2476-83	12.9	83
210	Radiation-Induced Endothelial Vascular Injury: A Review of Possible Mechanisms. <i>JACC Basic To Translational Science</i> , 2018 , 3, 563-572	8.7	83
209	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
208	Serum sTNF-R1, IL-6, and the development of fatigue in patients with gastrointestinal cancer undergoing chemoradiation therapy. <i>Brain, Behavior, and Immunity</i> , 2012 , 26, 699-705	16.6	79
207	Does neoadjuvant treatment for gastric cancer patients with positive peritoneal cytology at staging laparoscopy improve survival?. <i>Annals of Surgical Oncology</i> , 2008 , 15, 2684-91	3.1	79
206	Phase I trial of erlotinib with radiation therapy in patients with glioblastoma multiforme: results of North Central Cancer Treatment Group protocol N0177. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006 , 65, 1192-9	4	79
205	Extrahepatic bile duct adenocarcinoma: patients at high-risk for local recurrence treated with surgery and adjuvant chemoradiation have an equivalent overall survival to patients with standard-risk treated with surgery alone. <i>Annals of Surgical Oncology</i> , 2008 , 15, 3147-56	3.1	76
204	Plumbagin inhibits proliferative and inflammatory responses of T cells independent of ROS generation but by modulating intracellular thiols. <i>Journal of Cellular Biochemistry</i> , 2010 , 110, 1082-93	4.7	75
203	The Rise of Radiomics and Implications for Oncologic Management. <i>Journal of the National Cancer Institute</i> , 2017 , 109,	9.7	74
202	Boswellic acid inhibits growth and metastasis of human colorectal cancer in orthotopic mouse model by downregulating inflammatory, proliferative, invasive and angiogenic biomarkers. <i>International Journal of Cancer</i> , 2012 , 130, 2176-84	7.5	72
201	Clinical benefit of palliative radiation therapy in advanced gastric cancer. <i>Acta Oncologica</i> , 2008 , 47, 421-73.2	3.2	71
200	Metformin use and improved response to therapy in rectal cancer. <i>Cancer Medicine</i> , 2013 , 2, 99-107	4.8	70
199	Radiotherapy for hepatocellular carcinoma: an overview. <i>Annals of Surgical Oncology</i> , 2008 , 15, 1015-24	3.1	70
198	Proton radiotherapy for liver tumors: dosimetric advantages over photon plans. <i>Medical Dosimetry</i> , 2008 , 33, 259-67	1.3	69
197	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
196	Duodenal toxicity after fractionated chemoradiation for unresectable pancreatic cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 85, e143-9	4	68

195	Combined hyperthermia and radiotherapy for the treatment of cancer. <i>Cancers</i> , 2011 , 3, 3799-823	6.6	68
194	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
193	Prognostic factors in patients with unresectable locally advanced pancreatic adenocarcinoma treated with chemoradiation. <i>Cancer</i> , 2006 , 107, 2589-96	6.4	66
192	Carbon Ion Therapy: A Modern Review of an Emerging Technology. <i>Frontiers in Oncology</i> , 2020 , 10, 82	5.3	63
191	Radiotherapy-Induced Malfunction in Contemporary Cardiovascular Implantable Electronic Devices: Clinical Incidence and Predictors. <i>JAMA Oncology</i> , 2015 , 1, 624-32	13.4	62
190	Role of adjuvant chemoradiation therapy in adenocarcinomas of the ampulla of Vater. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 70, 735-43	4	60
189	Choroid plexus papillomas: a single institutional experience. <i>Journal of Neuro-Oncology</i> , 2004 , 68, 49-55	4.8	60
188	Integrin $\alpha\beta$ -targeted gold nanoshells augment tumor vasculature-specific imaging and therapy. <i>International Journal of Nanomedicine</i> , 2011 , 6, 259-69	7.3	59
187	Radiation-Induced Cardiovascular Disease: A Clinical Perspective. <i>Frontiers in Cardiovascular Medicine</i> , 2017 , 4, 66	5.4	58
186	Nonoperative therapies for combined modality treatment of hepatocellular cancer: expert consensus statement. <i>Hpb</i> , 2010 , 12, 313-20	3.8	56
185	Escin, a pentacyclic triterpene, chemosensitizes human tumor cells through inhibition of nuclear factor-kappaB signaling pathway. <i>Molecular Pharmacology</i> , 2010 , 77, 818-27	4.3	56
184	Targeting pancreatic cancer with magneto-fluorescent theranostic gold nanoshells. <i>Nanomedicine</i> , 2014 , 9, 1209-22	5.6	55
183	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
182	4D-CT imaging with synchronized intravenous contrast injection to improve delineation of liver tumors for treatment planning. <i>Radiotherapy and Oncology</i> , 2008 , 87, 445-8	5.3	53
181	Intensity-modulated radiation therapy with concurrent chemotherapy for anal cancer: outcomes and toxicity. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2014 , 37, 461-6	2.7	49
180	Detection of Gold Nanoshells in Tumors Using Diffuse Optical Spectroscopy. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2007 , 13, 1715-1720	3.8	49
179	Radiotherapy for Hepatocellular Carcinoma: New Indications and Directions for Future Study. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	49
178	Charged-particle therapy for hepatocellular carcinoma. <i>Seminars in Radiation Oncology</i> , 2011 , 21, 278-86	5.5	48

177	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
176	Prevention and Treatment of Colorectal Cancer by Natural Agents From Mother Nature. <i>Current Colorectal Cancer Reports</i> , 2013 , 9, 37-56	1	47
175	Number of lymph nodes examined and prognosis among pathologically lymph node-negative patients after preoperative chemoradiation therapy for rectal adenocarcinoma. <i>Cancer</i> , 2011 , 117, 3713-22	6.4	46
174	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
173	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
172	Gold nanotriangles: scale up and X-ray radiosensitization effects in mice. <i>Nanoscale</i> , 2017 , 9, 5085-5093	7.7	43
171	Technology for Innovation in Radiation Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 93, 485-92	4	43
170	Gadolinium chloride augments tumor-specific imaging of targeted quantum dots in vivo. <i>ACS Nano</i> , 2010 , 4, 4131-41	16.7	41
169	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
168	Opportunities and challenges in the era of molecularly targeted agents and radiation therapy. <i>Journal of the National Cancer Institute</i> , 2013 , 105, 686-93	9.7	40
167	Paraneoplastic thrombocytosis independently predicts poor prognosis in patients with locally advanced pancreatic cancer. <i>Acta Oncologica</i> , 2015 , 54, 971-8	3.2	39
166	Quantified pathologic response assessed as residual tumor burden is a predictor of recurrence-free survival in patients with rectal cancer who undergo resection after neoadjuvant chemoradiotherapy. <i>Cancer</i> , 2013 , 119, 4231-41	6.4	39
165	Risk of second malignant neoplasm following proton versus intensity-modulated photon radiotherapies for hepatocellular carcinoma. <i>Physics in Medicine and Biology</i> , 2010 , 55, 7055-65	3.8	39
164	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
163	Intra-organ Biodistribution of Gold Nanoparticles Using Intrinsic Two-photon Induced Photoluminescence. <i>Lasers in Surgery and Medicine</i> , 2010 , 42, 630-639	3.6	37
162	Impact of hypofractionated and standard fractionated chemoradiation before pancreatoduodenectomy for pancreatic ductal adenocarcinoma. <i>Cancer</i> , 2016 , 122, 2671-9	6.4	37
161	The application of nanotechnology in enhancing immunotherapy for cancer treatment: current effects and perspective. <i>Nanoscale</i> , 2019 , 11, 17157-17178	7.7	36
160	Zyflamend suppresses growth and sensitizes human pancreatic tumors to gemcitabine in an orthotopic mouse model through modulation of multiple targets. <i>International Journal of Cancer</i> , 2012 , 131, E292-303	7.5	35

159	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
158	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
157	Hepatic yttrium-90 radioembolotherapy in metastatic colorectal cancer treated with cetuximab or bevacizumab. <i>Journal of Vascular and Interventional Radiology</i> , 2007 , 18, 1588-91	2.4	33
156	Hyperfractionated accelerated reirradiation for rectal cancer: An analysis of outcomes and toxicity. <i>Radiotherapy and Oncology</i> , 2017 , 122, 146-151	5.3	32
155	Modeling of plasmonic heating from individual gold nanoshells for near-infrared laser-induced thermal therapy. <i>Medical Physics</i> , 2009 , 36, 4664-71	4.4	32
154	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
153	Near-infrared narrow-band imaging of gold/silica nanoshells in tumors. <i>Journal of Biomedical Optics</i> , 2009 , 14, 024044	3.5	31
152	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
151	Radiation therapy and immunotherapy: what is the optimal timing or sequencing?. <i>Immunotherapy</i> , 2018 , 10, 299-316	3.8	29
150	Conformal radiotherapy of the dominant liver metastasis: a viable strategy for treatment of unresectable chemotherapy refractory colorectal cancer liver metastases. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2006 , 29, 562-7	2.7	29
149	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
148	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
147	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
146	Prognostic Value of miRNAs in Head and Neck Cancers: A Comprehensive Systematic and Meta-Analysis. <i>Cells</i> , 2019 , 8,	7.9	25
145	Narrow band imaging of squamous cell carcinoma tumors using topically delivered anti-EGFR antibody conjugated gold nanorods. <i>Lasers in Surgery and Medicine</i> , 2012 , 44, 310-7	3.6	25
144	Boron Neutron Capture Therapy: A Review of Clinical Applications. <i>Frontiers in Oncology</i> , 2021 , 11, 601820	3.3	25
143	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
142	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

141	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
140	Proton beam therapy outcomes for localized unresectable hepatocellular carcinoma. <i>Radiotherapy and Oncology</i> , 2019 , 133, 54-61	5.3	23
139	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
138	HIF-1-dependent stromal adaptation to ischemia mediates in vivo tumor radiation resistance. <i>Molecular Cancer Research</i> , 2011 , 9, 259-70	6.6	22
137	Reproducibility and genital sparing with a vaginal dilator used for female anal cancer patients. <i>Radiotherapy and Oncology</i> , 2012 , 104, 161-6	5.3	21
136	Development and validation of insulin-like growth factor-1 score to assess hepatic reserve in hepatocellular carcinoma. <i>Journal of the National Cancer Institute</i> , 2014 , 106,	9.7	19
135	Attempted salvage resection for recurrent gastric or gastroesophageal cancer. <i>Annals of Surgical Oncology</i> , 2009 , 16, 42-50	3.1	19
134	Hypoxia-targeted gold nanorods for cancer photothermal therapy. <i>Oncotarget</i> , 2018 , 9, 26556-26571	3.3	18
133	Convergence of nanotechnology with radiation therapy-insights and implications for clinical translation. <i>Translational Cancer Research</i> , 2013 , 2, 256-268	0.3	18
132	Enhancing Colorectal Cancer Radiation Therapy Efficacy using Silver Nanoprisms Decorated with Graphene as Radiosensitizers. <i>Scientific Reports</i> , 2019 , 9, 17120	4.9	18
131	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
130	Preoperative radiation therapy with concurrent capecitabine, bevacizumab, and erlotinib for rectal cancer: a phase 1 trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 88, 301-5	4	17
129	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
128	Smart thermosensitive liposomes for effective solid tumor therapy and in vivo imaging. <i>PLoS ONE</i> , 2017 , 12, e0185116	3.7	17
127	A systematic review and meta-analysis of cancer patients affected by a novel coronavirus 2020 ,		17
126	Nanochannel Implants for Minimally-Invasive Insertion and Intratumoral Delivery. <i>Journal of Biomedical Nanotechnology</i> , 2016 , 12, 1907-15	4	17
125	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
124	Immunomodulatory Effects of Radiotherapy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	16

123	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
122	Charged Particle Therapy with Mini-Segmented Beams. <i>Frontiers in Oncology</i> , 2015 , 5, 269	5.3	16
121	Respiratory gating with EPID-based verification: the MDACC experience. <i>Physics in Medicine and Biology</i> , 2009 , 54, 3379-91	3.8	16
120	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
119	Vitamin E Analogs as Radiation Response Modifiers. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 741301	2.3	15
118	Radiation treatment outcomes for unresectable hepatocellular carcinoma. <i>Acta Oncologica</i> , 2011 , 50, 1191-8	3.2	15
117	Inhibition of radiation-induced DNA repair and prosurvival pathways contributes to vorinostat-mediated radiosensitization of pancreatic cancer cells. <i>Pancreas</i> , 2010 , 39, 1277-83	2.6	15
116	Recent Advances and Prospects for Multimodality Therapy in Pancreatic Cancer. <i>Seminars in Radiation Oncology</i> , 2016 , 26, 320-37	5.5	15
115	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
114	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
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