

Sunil Krishnan

List of Publications by Year in descending order

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306
papers

17,778
citations

8159

76
h-index

16127

124
g-index

322
all docs

322
docs citations

322
times ranked

24291
citing authors

#	ARTICLE	IF	CITATIONS
1	Curcumin Potentiates Antitumor Activity of Gemcitabine in an Orthotopic Model of Pancreatic Cancer through Suppression of Proliferation, Angiogenesis, and Inhibition of Nuclear Factor- κ B-Regulated Gene Products. <i>Cancer Research</i> , 2007, 67, 3853-3861.	0.4	561
2	PDL1 Regulation by p53 via miR-34. <i>Journal of the National Cancer Institute</i> , 2016, 108, .	3.0	475
3	Preoperative Gemcitabine and Cisplatin Followed by Gemcitabine-Based Chemoradiation for Resectable Adenocarcinoma of the Pancreatic Head. <i>Journal of Clinical Oncology</i> , 2008, 26, 3487-3495.	0.8	441
4	Long-Term Survival After Multidisciplinary Management of Resected Pancreatic Adenocarcinoma. <i>Annals of Surgical Oncology</i> , 2009, 16, 836-47.	0.7	435
5	Neoadjuvant Treatment Response As an Early Response Indicator for Patients With Rectal Cancer. <i>Journal of Clinical Oncology</i> , 2012, 30, 1770-1776.	0.8	427
6	Nanoparticle-mediated hyperthermia in cancer therapy. <i>Therapeutic Delivery</i> , 2011, 2, 1001-1014.	1.2	346
7	Predictors of tumor response and downstaging in patients who receive preoperative chemoradiation for rectal cancer. <i>Cancer</i> , 2007, 109, 1750-1755.	2.0	294
8	Biliary cancer: Utility of next-generation sequencing for clinical management. <i>Cancer</i> , 2016, 122, 3838-3847.	2.0	289
9	Immunotherapy and stereotactic ablative radiotherapy (ISABR): a curative approach?. <i>Nature Reviews Clinical Oncology</i> , 2016, 13, 516-524.	12.5	288
10	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, 755-765.	0.4	285
11	Combining Radiation and Immunotherapy: A New Systemic Therapy for Solid Tumors?. <i>Cancer Immunology Research</i> , 2014, 2, 831-838.	1.6	270
12	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, 3037-3043.	0.8	267
13	Induction chemotherapy selects patients with locally advanced, unresectable pancreatic cancer for optimal benefit from consolidative chemoradiation therapy. <i>Cancer</i> , 2007, 110, 47-55.	2.0	258
14	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, 5603-5609.	0.8	255
15	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.	11.1	222
16	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.	2.0	218
17	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, 1492-1500.	4.5	206
18	Estimation of microscopic dose enhancement factor around gold nanoparticles by Monte Carlo calculations. <i>Medical Physics</i> , 2010, 37, 3809-3816.	1.6	206

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19	Gold nanoparticles in breast cancer treatment: Promise and potential pitfalls. <i>Cancer Letters</i> , 2014, 347, 46-53.	3.2	205
20	Curcumin Sensitizes Human Colorectal Cancer Xenografts in Nude Mice to β -Radiation by Targeting Nuclear Factor- κ B-Regulated Gene Products. <i>Clinical Cancer Research</i> , 2008, 14, 2128-2136.	3.2	201
21	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, 4889-4905.	1.6	199
22	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.	0.4	195
23	HER2/neu-directed therapy for biliary tract cancer. <i>Journal of Hematology and Oncology</i> , 2015, 8, 58.	6.9	191
24	Imaging Epidermal Growth Factor Receptor Expression <i>In vivo</i> : Pharmacokinetic and Biodistribution Characterization of a Bioconjugated Quantum Dot Nanoprobe. <i>Clinical Cancer Research</i> , 2008, 14, 731-741.	3.2	183
25	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, 2187-2197.	2.3	183
26	Roadmap to Clinical Use of Gold Nanoparticles for Radiation Sensitization. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 189-205.	0.4	182
27	Resveratrol, a multitargeted agent, can enhance antitumor activity of gemcitabine <i>in vitro</i> and in orthotopic mouse model of human pancreatic cancer. <i>International Journal of Cancer</i> , 2010, 127, 257-268.	2.3	179
28	Radiation-Induced Endothelial Vascular Injury. <i>JACC Basic To Translational Science</i> , 2018, 3, 563-572.	1.9	177
29	Thermal Enhancement with Optically Activated Gold Nanoshells Sensitizes Breast Cancer Stem Cells to Radiation Therapy. <i>Science Translational Medicine</i> , 2010, 2, 55ra79.	5.8	167
30	Curcumin Modulates the Radiosensitivity of Colorectal Cancer Cells by Suppressing Constitutive and Inducible NF- κ B Activity. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 534-542.	0.4	166
31	Gastrointestinal Complications Associated with Hepatic Arterial Yttrium-90 Microsphere Therapy. <i>Journal of Vascular and Interventional Radiology</i> , 2007, 18, 553-561.	0.2	163
32	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, 219-224.	0.6	158
33	Hyperthermia using nanoparticles – Promises and pitfalls. <i>International Journal of Hyperthermia</i> , 2016, 32, 76-88.	1.1	158
34	Targeted gold nanoparticles enhance sensitization of prostate tumors to megavoltage radiation therapy <i>in vivo</i> . <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1277-1283.	1.7	157
35	Modification of the cysteine residues in $\text{I}\kappa\text{B}\alpha$ kinase and NF- κ B (p65) by xanthohumol leads to suppression of NF- κ B-regulated gene products and potentiation of apoptosis in leukemia cells. <i>Blood</i> , 2009, 113, 2003-2013.	0.6	154
36	A Novel Small-Molecule Inhibitor of Protein Kinase D Blocks Pancreatic Cancer Growth <i>In vitro</i> and <i>In vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1136-1146.	1.9	153

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37	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, 4942-4953.	3.2	152
38	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, 430-438.	0.1	151
39	Neutrophil Gelatinase-Associated Lipocalin: A Novel Suppressor of Invasion and Angiogenesis in Pancreatic Cancer. <i>Cancer Research</i> , 2008, 68, 6100-6108.	0.4	147
40	Carbon Ion Therapy: A Modern Review of an Emerging Technology. <i>Frontiers in Oncology</i> , 2020, 10, 82.	1.3	140
41	Radiosurgery for Cranial Base Chordomas and Chondrosarcomas. <i>Neurosurgery</i> , 2005, 56, 777-784.	0.6	136
42	Targeting inflammatory pathways for tumor radiosensitization. <i>Biochemical Pharmacology</i> , 2010, 80, 1904-1914.	2.0	129
43	Targeting cell signaling pathways for drug discovery: An old lock needs a new key. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 580-592.	1.2	127
44	Î³-Tocotrienol Inhibits Pancreatic Tumors and Sensitizes Them to Gemcitabine Treatment by Modulating the Inflammatory Microenvironment. <i>Cancer Research</i> , 2010, 70, 8695-8705.	0.4	124
45	Preoperative Therapy and Pancreatoduodenectomy for Pancreatic Ductal Adenocarcinoma: a 25-Year Single-Institution Experience. <i>Journal of Gastrointestinal Surgery</i> , 2017, 21, 164-174.	0.9	124
46	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, 630-638.	0.4	122
47	Nanoparticle-mediated thermal therapy: Evolving strategies for prostate cancer therapy. <i>International Journal of Hyperthermia</i> , 2010, 26, 775-789.	1.1	122
48	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, 3892-3899.	0.8	119
49	Boron Neutron Capture Therapy: A Review of Clinical Applications. <i>Frontiers in Oncology</i> , 2021, 11, 601820.	1.3	118
50	Retrospective Study of Clinicopathologic Features and Prognosis of High-grade Neuroendocrine Carcinoma of the Esophagus. <i>American Journal of Surgical Pathology</i> , 2008, 32, 1404-1411.	2.1	117
51	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.	1.6	117
52	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.	0.4	117
53	Back to basics: how natural products can provide the basis for new therapeutics. <i>Expert Opinion on Investigational Drugs</i> , 2007, 16, 1753-1773.	1.9	115
54	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, 762-771.	0.4	110

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55	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.	0.3	109
56	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, 441-447.	0.7	107
57	Sesamin Manifests Chemopreventive Effects through the Suppression of NF- κ B-Regulated Cell Survival, Proliferation, Invasion, and Angiogenic Gene Products. <i>Molecular Cancer Research</i> , 2010, 8, 751-761.	1.5	107
58	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.	2.7	106
59	The Rise of Radiomics and Implications for Oncologic Management. <i>Journal of the National Cancer Institute</i> , 2017, 109, .	3.0	104
60	Roadmap for metal nanoparticles in radiation therapy: current status, translational challenges, and future directions. <i>Physics in Medicine and Biology</i> , 2020, 65, 21RM02.	1.6	101
61	Long-Term Survival and Recurrence Outcomes Following Surgery for Distal Rectal Cancer. <i>Annals of Surgical Oncology</i> , 2010, 17, 2863-2869.	0.7	100
62	Does Neoadjuvant Treatment for Gastric Cancer Patients with Positive Peritoneal Cytology at Staging Laparoscopy Improve Survival?. <i>Annals of Surgical Oncology</i> , 2008, 15, 2684-2691.	0.7	98
63	Clinical benefit of palliative radiation therapy in advanced gastric cancer. <i>Acta Oncologica</i> , 2008, 47, 421-427.	0.8	96
64	In vivo tumor targeting of gold nanoparticles: effect of particle type and dosing strategy. <i>International Journal of Nanomedicine</i> , 2012, 7, 1251.	3.3	96
65	Therapeutic Significance of Elevated Tissue Transglutaminase Expression in Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2008, 14, 2476-2483.	3.2	95
66	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.	2.0	94
67	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, 1082-1093.	1.2	91
68	Radiotherapy-Induced Malfunction in Contemporary Cardiovascular Implantable Electronic Devices. <i>JAMA Oncology</i> , 2015, 1, 624.	3.4	91
69	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, 3147-3156.	0.7	90
70	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, 2176-2184.	2.3	89
71	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, 1192-1199.	0.4	88
72	Combined Hyperthermia and Radiotherapy for the Treatment of Cancer. <i>Cancers</i> , 2011, 3, 3799-3823.	1.7	88

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73	Metformin use and improved response to therapy in rectal cancer. <i>Cancer Medicine</i> , 2013, 2, 99-107.	1.3	85
74	Does Unintentional Splenic Radiation Predict Outcomes After Pancreatic Cancer Radiation Therapy?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 323-332.	0.4	85
75	Duodenal Toxicity After Fractionated Chemoradiation for Unresectable Pancreatic Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, e143-e149.	0.4	84
76	Radiation-Induced Cardiovascular Disease: A Clinical Perspective. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 66.	1.1	84
77	Proton Radiotherapy for Liver Tumors: Dosimetric Advantages Over Photon Plans. <i>Medical Dosimetry</i> , 2008, 33, 259-267.	0.4	83
78	A Systematic Review and Meta-Analysis of Cancer Patients Affected by a Novel Coronavirus. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkaa102.	1.4	81
79	Radiotherapy for Hepatocellular Carcinoma: New Indications and Directions for Future Study. <i>Journal of the National Cancer Institute</i> , 2016, 108, djw133.	3.0	79
80	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.	3.4	79
81	Radiotherapy for Hepatocellular Carcinoma: An Overview. <i>Annals of Surgical Oncology</i> , 2008, 15, 1015-1024.	0.7	77
82	Prognostic factors in patients with unresectable locally advanced pancreatic adenocarcinoma treated with chemoradiation. <i>Cancer</i> , 2006, 107, 2589-2596.	2.0	76
83	Choroid Plexus Papillomas: A Single Institutional Experience. <i>Journal of Neuro-Oncology</i> , 2004, 68, 49-55.	1.4	70
84	Role of Adjuvant Chemoradiation Therapy in Adenocarcinomas of the Ampulla of Vater. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 735-743.	0.4	68
85	Nonoperative therapies for combined modality treatment of hepatocellular cancer: expert consensus statement. <i>Hpb</i> , 2010, 12, 313-320.	0.1	68
86	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.	1.6	66
87	Intensity-modulated Radiation Therapy With Concurrent Chemotherapy for Anal Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2014, 37, 461-466.	0.6	65
88	Supramolecular Nanofibers of Curcumin for Highly Amplified Radiosensitization of Colorectal Cancers to Ionizing Radiation. <i>Advanced Functional Materials</i> , 2018, 28, 1707140.	7.8	65
89	Integrin $\alpha_5\beta_3$ -targeted gold nanoshells augment tumor vasculature-specific imaging and therapy. <i>International Journal of Nanomedicine</i> , 2011, 6, 259.	3.3	63
90	Targeting pancreatic cancer with magneto-fluorescent theranostic gold nanoshells. <i>Nanomedicine</i> , 2014, 9, 1209-1222.	1.7	62

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91	4D-CT imaging with synchronized intravenous contrast injection to improve delineation of liver tumors for treatment planning. <i>Radiotherapy and Oncology</i> , 2008, 87, 445-448.	0.3	61
92	<i>In Vivo</i> Detection of Gold Nanoshells in Tumors Using Diffuse Optical Spectroscopy. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2007, 13, 1715-1720.	1.9	60
93	Escin, a Pentacyclic Triterpene, Chemosensitizes Human Tumor Cells through Inhibition of Nuclear Factor- κ B Signaling Pathway. <i>Molecular Pharmacology</i> , 2010, 77, 818-827.	1.0	59
94	The application of nanotechnology in enhancing immunotherapy for cancer treatment: current effects and perspective. <i>Nanoscale</i> , 2019, 11, 17157-17178.	2.8	59
95	Technology for Innovation in Radiation Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 485-492.	0.4	58
96	Gold nanotriangles: scale up and X-ray radiosensitization effects in mice. <i>Nanoscale</i> , 2017, 9, 5085-5093.	2.8	58
97	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.	0.3	58
98	Prevention and Treatment of Colorectal Cancer by Natural Agents from Mother Nature. <i>Current Colorectal Cancer Reports</i> , 2013, 9, 37-56.	1.0	56
99	Charged-Particle Therapy for Hepatocellular Carcinoma. <i>Seminars in Radiation Oncology</i> , 2011, 21, 278-286.	1.0	55
100	Gadolinium Chloride Augments Tumor-Specific Imaging of Targeted Quantum Dots <i>In Vivo</i> . <i>ACS Nano</i> , 2010, 4, 4131-4141.	7.3	52
101	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, 4231-4241.	2.0	52
102	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, .	5.6	52
103	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, 3713-3722.	2.0	51
104	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, 278-292.	1.3	51
105	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, 4166.	1.7	51
106	Impact of hypofractionated and standard fractionated chemoradiation before pancreatoduodenectomy for pancreatic ductal adenocarcinoma. <i>Cancer</i> , 2016, 122, 2671-2679.	2.0	49
107	Radiation therapy and immunotherapy: what is the optimal timing or sequencing?. <i>Immunotherapy</i> , 2018, 10, 299-316.	1.0	49
108	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.	3.2	49

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109	Paraneoplastic thrombocytosis independently predicts poor prognosis in patients with locally advanced pancreatic cancer. <i>Acta Oncologica</i> , 2015, 54, 971-978.	0.8	47
110	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.	2.3	46
111	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, 469-474.	0.4	46
112	Risk of second malignant neoplasm following proton versus intensity-modulated photon radiotherapies for hepatocellular carcinoma. <i>Physics in Medicine and Biology</i> , 2010, 55, 7055-7065.	1.6	45
113	Hyperfractionated accelerated reirradiation for rectal cancer: An analysis of outcomes and toxicity. <i>Radiotherapy and Oncology</i> , 2017, 122, 146-151.	0.3	45
114	Preoperative Chemoradiation for Pancreatic Adenocarcinoma Does Not Increase 90-Day Postoperative Morbidity or Mortality. <i>Journal of Gastrointestinal Surgery</i> , 2016, 20, 1975-1985.	0.9	42
115	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.	0.4	41
116	Opportunities and Challenges in the Era of Molecularly Targeted Agents and Radiation Therapy. <i>Journal of the National Cancer Institute</i> , 2013, 105, 686-693.	3.0	40
117	Near-infrared narrow-band imaging of gold/silica nanoshells in tumors. <i>Journal of Biomedical Optics</i> , 2009, 14, 024044.	1.4	38
118	Intraorgan biodistribution of gold nanoparticles using intrinsic two-photon-induced photoluminescence. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 630-639.	1.1	38
119	Quantitative investigation of physical factors contributing to gold nanoparticle-mediated proton dose enhancement. <i>Physics in Medicine and Biology</i> , 2016, 61, 2562-2581.	1.6	38
120	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.	1.6	38
121	Modeling of plasmonic heating from individual gold nanoshells for near-infrared laser-induced thermal therapy. <i>Medical Physics</i> , 2009, 36, 4664-4671.	1.6	37
122	Proton beam therapy outcomes for localized unresectable hepatocellular carcinoma. <i>Radiotherapy and Oncology</i> , 2019, 133, 54-61.	0.3	37
123	Conformal Radiotherapy of the Dominant Liver Metastasis. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2006, 29, 562-567.	0.6	35
124	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.	2.0	35
125	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.	3.2	35
126	Hepatic Yttrium-90 Radioembolotherapy in Metastatic Colorectal Cancer Treated with Cetuximab or Bevacizumab. <i>Journal of Vascular and Interventional Radiology</i> , 2007, 18, 1588-1591.	0.2	34

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127	Real-time liver uptake and biodistribution of magnetic nanoparticles determined by AC biosusceptometry. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1519-1529.	1.7	34
128	Enhancing Colorectal Cancer Radiation Therapy Efficacy using Silver Nanoprisms Decorated with Graphene as Radiosensitizers. <i>Scientific Reports</i> , 2019, 9, 17120.	1.6	34
129	Immunomodulatory Effects of Radiotherapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8151.	1.8	34
130	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, 804-813.	0.4	33
131	Prognostic Value of miRNAs in Head and Neck Cancers: A Comprehensive Systematic and Meta-Analysis. <i>Cells</i> , 2019, 8, 772.	1.8	33
132	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, 1250.	1.8	33
133	Reproducibility and genital sparing with a vaginal dilator used for female anal cancer patients. <i>Radiotherapy and Oncology</i> , 2012, 104, 161-166.	0.3	31
134	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.	0.5	30
135	Transforming Nuclear Medicine with Nanoradiopharmaceuticals. <i>ACS Nano</i> , 2022, 16, 5036-5061.	7.3	30
136	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.	0.6	29
137	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, .	3.0	28
138	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, 310-317.	1.1	27
139	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.	1.9	27
140	Origin and role of hepatic myofibroblasts in hepatocellular carcinoma. <i>Oncotarget</i> , 2020, 11, 1186-1201.	0.8	27
141	Vitamin E Analogs as Radiation Response Modifiers. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-16.	0.5	26
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