

# David Kaul

## List of Publications by Year in descending order

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65  
papers

838  
citations

567281

15  
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610901

24  
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times ranked

1419  
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#	ARTICLE	IF	CITATIONS
1	Infratentorial IDH-mutant astrocytoma is a distinct subtype. <i>Acta Neuropathologica</i> , 2020, 140, 569-581.	7.7	45
2	Linac-based stereotactic radiotherapy and radiosurgery in patients with meningioma. <i>Radiation Oncology</i> , 2014, 9, 78.	2.7	41
3	Independent validation of a new reirradiation risk score (RRRS) for glioma patients predicting post-recurrence survival: A multicenter DTKK/ROG analysis. <i>Radiotherapy and Oncology</i> , 2018, 127, 121-127.	0.6	37
4	High-grade astrocytoma with piloid features (HGAP): the CharitÄ© experience with a new central nervous system tumor entity. <i>Journal of Neuro-Oncology</i> , 2021, 153, 109-120.	2.9	35
5	Intermediate-term outcome after PSMA-PET guided high-dose radiotherapy of recurrent high-risk prostate cancer patients. <i>Radiation Oncology</i> , 2017, 12, 140.	2.7	34
6	Re-irradiation of recurrent gliomas: pooled analysis and validation of an established prognostic scoreâ€”report of the Radiation Oncology Group (<sc>ROG</sc>) of the German Cancer Consortium (<sc>DKTK</sc>). <i>Cancer Medicine</i> , 2018, 7, 1742-1749.	2.8	34
7	Dosimetric comparison of different treatment modalities for stereotactic radiosurgery of meningioma. <i>Acta Neurochirurgica</i> , 2015, 157, 559-564.	1.7	32
8	Adjuvant radiotherapy improves progression-free survival in intracranial atypical meningioma. <i>Radiation Oncology</i> , 2019, 14, 160.	2.7	30
9	Meningioma of the skull base: Long-term outcome after image-guided stereotactic radiotherapy. <i>Cancer Radiotherapy: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2014, 18, 730-735.	1.4	29
10	Computed tomography in trauma patients using iterative reconstruction: reducing radiation exposure without loss of image quality. <i>Acta Radiologica</i> , 2016, 57, 362-369.	1.1	29
11	Reducing radiation dose in the diagnosis of pulmonary embolism using adaptive statistical iterative reconstruction and lower tube potential in computed tomography. <i>European Radiology</i> , 2014, 24, 2685-2691.	4.5	24
12	Outcome of Elderly Patients with Meningioma after Image-Guided Stereotactic Radiotherapy: A Study of 100 Cases. <i>BioMed Research International</i> , 2015, 2015, 1-6.	1.9	23
13	Physical analysis of temperature-dependent effects of amplitude-modulated electromagnetic hyperthermia. <i>International Journal of Hyperthermia</i> , 2019, 36, 1245-1253.	2.5	23
14	Normofractionated stereotactic radiotherapy versus CyberKnife-based hypofractionation in skull base meningioma: a German and Italian pooled cohort analysis. <i>Radiation Oncology</i> , 2019, 14, 201.	2.7	20
15	Stereotactic radiotherapy combined with immunotherapy or targeted therapy for metastatic renal cell carcinoma. <i>BJU International</i> , 2021, 127, 703-711.	2.5	20
16	Metastasis directed stereotactic radiotherapy in NSCLC patients progressing under targeted- or immunotherapy: efficacy and safety reporting from the â€”TOaSTTâ€” database. <i>Radiation Oncology</i> , 2021, 16, 4.	2.7	20
17	Molecular characterization of CNS paragangliomas identifies cauda equina paragangliomas as a distinct tumor entity. <i>Acta Neuropathologica</i> , 2020, 140, 893-906.	7.7	19
18	TERT promoter mutation and chromosome 6 loss define a high-risk subtype of ependymoma evolving from posterior fossa subependymoma. <i>Acta Neuropathologica</i> , 2021, 141, 959-970.	7.7	16

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19	Dose-escalated radiotherapy for unresectable or locally recurrent pancreatic cancer: Dose volume analysis, toxicity and outcome of 28 consecutive patients. <i>PLoS ONE</i> , 2017, 12, e0186341.	2.5	15
20	Image-Guided Robotic Radiosurgery for Treatment of Recurrent Grade II and III Meningiomas. A Single-Center Study. <i>World Neurosurgery</i> , 2019, 131, e96-e107.	1.3	15
21	CT for evaluation of potential renal donors – How does iterative reconstruction influence image quality and dose?. <i>European Journal of Radiology</i> , 2014, 83, 1332-1336.	2.6	14
22	Prognostic indices in stereotactic radiotherapy of brain metastases of non-small cell lung cancer. <i>Radiation Oncology</i> , 2015, 10, 244.	2.7	14
23	Haemoglobin and creatinine values as prognostic factors for outcome of concurrent radiochemotherapy in locally advanced head and neck cancers. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 552-560.	2.0	13
24	Locally dose-escalated radiotherapy may improve intracranial local control and overall survival among patients with glioblastoma. <i>Radiation Oncology</i> , 2018, 13, 251.	2.7	13
25	Comparison of applied dose and image quality in staging CT of neuroendocrine tumor patients using standard filtered back projection and adaptive statistical iterative reconstruction. <i>European Journal of Radiology</i> , 2015, 84, 1601-1607.	2.6	11
26	Reducing Radiation Dose in Adult Head CT using Iterative Reconstruction – A Clinical Study in 177 Patients. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2016, 188, 155-162.	1.3	10
27	CT follow-up in patients with neuroendocrine tumors (NETs): combined radiation and contrast dose reduction. <i>Acta Radiologica</i> , 2018, 59, 517-526.	1.1	10
28	Significance of tumor mutation burden and immune infiltration in thymic epithelial tumors. <i>Thoracic Cancer</i> , 2021, 12, 1995-2006.	1.9	10
29	Effectiveness of Immune Checkpoint Inhibition vs Chemotherapy in Combination With Radiation Therapy Among Patients With Non-Small Cell Lung Cancer and Brain Metastasis Undergoing Neurosurgical Resection. <i>JAMA Network Open</i> , 2022, 5, e229553.	5.9	10
30	Accelerated hyperfractionation plus temozolomide in glioblastoma. <i>Radiation Oncology</i> , 2016, 11, 70.	2.7	9
31	Dose reduction in paediatric cranial CT via iterative reconstruction: a clinical study in 78 patients. <i>Clinical Radiology</i> , 2016, 71, 1168-1177.	1.1	9
32	Are prognostic indices for brain metastases of melanoma still valid in the stereotactic era?. <i>Radiation Oncology</i> , 2018, 13, 3.	2.7	9
33	Integration of radiation oncology teaching in medical studies by German medical faculties due to the new licensing regulations. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 1-11.	2.0	9
34	Predicting survival in melanoma patients treated with concurrent targeted- or immunotherapy and stereotactic radiotherapy. <i>Radiation Oncology</i> , 2020, 15, 135.	2.7	8
35	Continued versus Interrupted Targeted Therapy during Metastasis-Directed Stereotactic Radiotherapy: A Retrospective Multi-Center Safety and Efficacy Analysis. <i>Cancers</i> , 2021, 13, 4780.	3.7	8
36	Risk adapted dose-intensified postoperative radiation therapy in prostate cancer patients using a simultaneous integrated boost technique applied with helical Tomotherapy. <i>Radiation Oncology</i> , 2017, 12, 125.	2.7	7

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37	Reirradiation of High-Grade Gliomas: A Retrospective Analysis of 198 Patients Based on the Charit� Data Set. <i>Advances in Radiation Oncology</i> , 2020, 5, 959-964.	1.2	7
38	Innovative radiation oncology Together�� Precise,�Personalized,�Human. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 1043-1048.	2.0	7
39	Image-guided dose-escalated radiation therapy for localized prostate cancer with helical tomotherapy. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 229-242.	2.0	6
40	Quantitative volumetric assessment of baseline enhancing tumor volume as an imaging biomarker predicts overall survival in patients with glioblastoma. <i>Acta Radiologica</i> , 2021, 62, 1200-1207.	1.1	6
41	Predicting survival in anaplastic astrocytoma patients in a single-center cohort of 108 patients. <i>Radiation Oncology</i> , 2020, 15, 282.	2.7	6
42	Combined tumor plus nontumor interim FDG�PET parameters are prognostic for response to chemoradiation in squamous cell esophageal cancer. <i>International Journal of Cancer</i> , 2020, 147, 1427-1436.	5.1	6
43	Salvage-Radiation Therapy and Regional Hyperthermia for Biochemically Recurrent Prostate Cancer after Radical Prostatectomy (Results of the Planned Interim Analysis). <i>Cancers</i> , 2021, 13, 1133.	3.7	6
44	What is the role of the subventricular zone in radiotherapy of glioblastoma patients?. <i>Radiotherapy and Oncology</i> , 2021, 158, 138-145.	0.6	6
45	Osteoid Osteoma with a Multicentric Nidus: Interstitial Laser Ablation under MRI Guidance. <i>Case Reports in Orthopedics</i> , 2013, 2013, 1-5.	0.3	5
46	Image-Guided Robotic Radiosurgery for the Management of Intramedullary Spinal Cord Metastases��A Multicenter Experience. <i>Cancers</i> , 2021, 13, 297.	3.7	5
47	Radiotherapeutic treatment options for oligotopic malignant liver lesions. <i>Radiation Oncology</i> , 2021, 16, 51.	2.7	5
48	Survival and Prognostic Nomogram for Primary Gastrointestinal Melanoma (PGIM): A Population-based Study. <i>Anticancer Research</i> , 2021, 41, 967-974.	1.1	5
49	The Role of Concomitant Radiation Boost in Neoadjuvant Chemoradiotherapy for Locally Advanced Rectal Cancer. <i>Anticancer Research</i> , 2017, 37, 3201-3205.	1.1	5
50	Machine Learning-Based Radiomics in Neuro-Oncology. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 139-151.	1.0	5
51	Combination therapy with Olaratumab/doxorubicin in advanced or metastatic soft tissue sarcoma -a single-Centre experience. <i>BMC Cancer</i> , 2020, 20, 68.	2.6	4
52	Dislocability of Localization Devices for Nonpalpable Breast Lesions: Experimental Results. <i>Radiology Research and Practice</i> , 2014, 2014, 1-4.	1.3	3
53	Role of Dose Intensification for Salvage Radiation Therapy after Radical Prostatectomy. <i>Frontiers in Oncology</i> , 2016, 6, 48.	2.8	3
54	Computed Tomography in Cystic Fibrosis: Combining Low-Dose Techniques and Iterative Reconstruction. <i>Journal of Computer Assisted Tomography</i> , 2017, 41, 668-674.	0.9	3

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55	Impact of a specialised palliative care intervention in patients with advanced soft tissue sarcoma – a single-centre retrospective analysis. <i>BMC Palliative Care</i> , 2021, 20, 16.	1.8	3
56	A Privacy-Preserving Log-Rank Test for the Kaplan-Meier Estimator With Secure Multiparty Computation: Algorithm Development and Validation. <i>JMIR Medical Informatics</i> , 2021, 9, e22158.	2.6	3
57	The Role of Stereotactic Radiosurgery in the Management of Foramen Magnum Meningiomas – A Multicenter Analysis and Review of the Literature. <i>Cancers</i> , 2022, 14, 341.	3.7	3
58	Intracranial Hemorrhage in Patients with Anticoagulant Therapy Undergoing Stereotactic Radiosurgery for Brain Metastases: A Bi-Institutional Analysis. <i>Cancers</i> , 2022, 14, 465.	3.7	3
59	Cisplatin Plus Ifosfamide with/without Etoposide as Salvage Treatment in Heavily-pre-treated Patients with Metastatic Breast Cancer. <i>Anticancer Research</i> , 2015, 35, 5091-5.	1.1	3
60	Robotic stereotactic body radiotherapy for the management of adrenal gland metastases: a bi-institutional analysis. <i>Journal of Cancer Research and Clinical Oncology</i> , 2023, 149, 1095-1101.	2.5	3
61	Robotic Radiosurgery for Persistent Postoperative Acromegaly in Patients with Cavernous Sinus-Involving Pituitary Adenomas – A Multicenter Experience. <i>Cancers</i> , 2021, 13, 537.	3.7	2
62	Image-Guided Robotic Radiosurgery for the Management of Spinal Ependymomas. <i>Frontiers in Oncology</i> , 2021, 11, 654251.	2.8	2
63	Health-Related Quality of Life in Adult Patients with Craniopharyngioma. <i>World Neurosurgery</i> , 2021, 154, e46-e53.	1.3	2
64	Applications of Frameless Image-Guided Robotic Stereotactic Radiotherapy and Radiosurgery in Pediatric Neuro-Oncology: A Systematic Review. <i>Cancers</i> , 2022, 14, 1085.	3.7	1
65	Accelerated hyper-versus normofractionated radiochemotherapy with temozolomide in patients with glioblastoma: a multicenter retrospective analysis. <i>Journal of Neuro-Oncology</i> , 2022, 156, 407-417.	2.9	0