

# Balamurugan A Vellayappan

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,868  
citations

687363

13  
h-index

276875

41  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2818  
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS and the DNA damage response in cancer. <i>Redox Biology</i> , 2019, 25, 101084.	9.0	1,068
2	Diagnosis and Management of Radiation Necrosis in Patients With Brain Metastases. <i>Frontiers in Oncology</i> , 2018, 8, 395.	2.8	148
3	Re-irradiation for recurrent glioblastoma (GBM): a systematic review and meta-analysis. <i>Journal of Neuro-Oncology</i> , 2019, 142, 79-90.	2.9	106
4	Palliative radiotherapy for gastric cancer: a systematic review and meta-analysis. <i>Oncotarget</i> , 2017, 8, 25797-25805.	1.8	62
5	Chemoradiotherapy versus chemoradiotherapy plus surgery for esophageal cancer. <i>The Cochrane Library</i> , 2017, 2017, CD010511.	2.8	60
6	Evolution in treatment strategy for metastatic spine disease: Presently evolving modalities. <i>European Journal of Surgical Oncology</i> , 2017, 43, 1784-1801.	1.0	54
7	Accuracy of <sup>18</sup> F-fluorodeoxyglucose positron emission tomography/computed tomography in the staging of newly diagnosed nasopharyngeal carcinoma: a systematic review and meta-analysis. <i>Radiology and Oncology</i> , 2014, 48, 331-338.	1.7	31
8	The evolution and rise of stereotactic body radiotherapy (SBRT) for spinal metastases. <i>Expert Review of Anticancer Therapy</i> , 2018, 18, 887-900.	2.4	30
9	Cytokine Release Syndrome in Cancer Patients Receiving Immune Checkpoint Inhibitors: A Case Series of 25 Patients and Review of the Literature. <i>Frontiers in Immunology</i> , 2022, 13, 807050.	4.8	30
10	Stereotactic Body Radiotherapy for Oligometastatic Disease in Non-small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1219.	2.8	27
11	Radiation Necrosis from Stereotactic Radiosurgery—How Do We Mitigate?. <i>Current Treatment Options in Oncology</i> , 2021, 22, 57.	3.0	19
12	Is there an optimal timing between radiotherapy and surgery to reduce wound complications in metastatic spine disease? A systematic review. <i>European Spine Journal</i> , 2020, 29, 3080-3115.	2.2	17
13	Can Polyether Ether Ketone Dethrone Titanium as the Choice Implant Material for Metastatic Spine Tumor Surgery?. <i>World Neurosurgery</i> , 2021, 148, 94-109.	1.3	17
14	An overview of the tumors affecting the spine—inside to out. <i>Neuro-Oncology Practice</i> , 2020, 7, i10-i17.	1.6	16
15	Efficacy of Palliative Bladder Radiotherapy for Hematuria in Advanced Bladder Cancer Using Contemporary Radiotherapy Techniques. <i>In Vivo</i> , 2019, 33, 2161-2167.	1.3	13
16	Readmission-Free Survival Analysis in Metastatic Spine Tumour Surgical Patients: A Novel Concept. <i>Annals of Surgical Oncology</i> , 2021, 28, 2474-2482.	1.5	13
17	Factors influencing extended hospital stay in patients undergoing metastatic spine tumour surgery and its impact on survival. <i>Journal of Clinical Neuroscience</i> , 2018, 56, 114-120.	1.5	12
18	Comparison of diagnostic performance and inter-reader agreement between PI-RADS v2.1 and PI-RADS v2: systematic review and meta-analysis. <i>British Journal of Radiology</i> , 2022, 95, 20210509.	2.2	12

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19	Radiotherapy to the brain: what are the consequences of this age-old treatment?. <i>Annals of Palliative Medicine</i> , 2021, 10, 936-952.	1.2	11
20	Comparison of four techniques for spine stereotactic body radiotherapy: Dosimetric and efficiency analysis. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 160-167.	1.9	10
21	Novel multidisciplinary approaches in the management of metastatic epidural spinal cord compression. <i>Future Oncology</i> , 2018, 14, 1665-1668.	2.4	10
22	Prophylactic irradiation of tracts in patients with malignant pleural mesothelioma: A systematic review and meta-analysis of randomized trials. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 160, 103278.	4.4	10
23	Evolution of materials for implants in metastatic spine disease till date “ Have we found an ideal material?. <i>Radiotherapy and Oncology</i> , 2021, 163, 93-104.	0.6	10
24	Current trends and future scope in 3D printing for surgical management of spine pathologies. <i>Bioprinting</i> , 2022, 26, e00197.	5.8	10
25	The Role of Liver-Directed Therapy in Metastatic Colorectal Cancer. <i>Current Colorectal Cancer Reports</i> , 2018, 14, 129-137.	0.5	9
26	Molecular profiling of different glioma specimens from an Ollier disease patient suggests a multifocal disease process in the setting of IDH mosaicism. <i>Brain Tumor Pathology</i> , 2018, 35, 202-208.	1.7	8
27	Association between radiation heart dosimetric parameters, myocardial infarct and overall survival in stage 3 non-small cell lung cancer treated with definitive thoracic radiotherapy. <i>Lung Cancer</i> , 2018, 120, 54-59.	2.0	7
28	State-of-the-Art Imaging Techniques in Metastatic Spinal Cord Compression. <i>Cancers</i> , 2022, 14, 3289.	3.7	7
29	Palliative radiotherapy for bladder cancer: a systematic review and meta-analysis. <i>Acta OncolÃ³gica</i> , 2021, 60, 635-644.	1.8	6
30	Utility of <sc>CT</sc>-cisternogram for radiosurgery in trigeminal neuralgia: A not-to-be forgotten technique. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016, 60, 283-287.	1.8	4
31	Survival rates and safety associated with chemoradiotherapy followed by surgery and chemoradiotherapy alone for patients with T4 esophageal cancer: a systematic review and meta-analysis. <i>Acta OncolÃ³gica</i> , 2022, 61, 738-748.	1.8	4
32	Are heart doses associated with survival in patients with non-small cell lung cancer who received post-operative thoracic radiotherapy?. <i>Medicine (United States)</i> , 2019, 98, e17020.	1.0	3
33	A multi-institutional analysis of diffuse large B-cell lymphoma (DLBCL) treated with consolidative radiotherapy and the impact of cell-of-origin on outcomes. <i>Radiology and Oncology</i> , 2019, 53, 473-479.	1.7	3
34	Rapidly Fatal Radiation-induced Glioblastoma. <i>Cureus</i> , 2017, 9, e1336.	0.5	3
35	Post mastectomy radiotherapy for elderly patients with intermediate risk (T1-2N1 OR T3N0) breast cancer: a systematic review and meta-analysis. <i>Translational Cancer Research</i> , 2020, 9, S23-S28.	1.0	3
36	Dynamic contrast-enhanced MR imaging of the prostate: intraindividual comparison of gadoterate meglumine and gadobutrol. <i>European Radiology</i> , 2019, 29, 6982-6990.	4.5	2

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37	Outcomes of patients with spinal metastases from renal cell carcinoma treated with conventionally-fractionated external beam radiation therapy. <i>Medicine (United States)</i> , 2020, 99, e19838.	1.0	2
38	H3K27M-mutant, hemispheric diffuse glioma in an adult patient with prolonged survival. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab135.	0.7	2
39	The optimal management of brain metastases from gestational trophoblastic neoplasia. <i>Expert Review of Anticancer Therapy</i> , 2022, 22, 307-315.	2.4	2
40	Risk-reduction strategies for late complications arising from brain metastases treated with radiotherapy: a narrative review. <i>Chinese Clinical Oncology</i> , 2022, 11, 13-13.	1.2	2
41	Is there any survival benefit from post-operative radiation in brain metastases? A systematic review and meta-analysis of randomized controlled trials. <i>Journal of Clinical Neuroscience</i> , 2022, 99, 327-335.	1.5	2
42	Combined-modality hypofractionated radiotherapy for elderly patients with glioblastoma: setting a new standard. <i>Future Science OA</i> , 2017, 3, FSO210.	1.9	1
43	Outcomes of Patients With Spinal Metastases From Prostate Cancer Treated With Conventionally-Fractionated External Beam Radiation Therapy. <i>Global Spine Journal</i> , 2021, , 219256822199479.	2.3	1
44	Life-threatening Bleed Secondary to Tumor Shrinkage Effectively Palliated with Radiotherapy. <i>Cureus</i> , 2017, 9, e1386.	0.5	1
45	Commentary: Image-Guided, Linac-Based, Surgical Cavity-Hypofractionated Stereotactic Radiotherapy in 5 Daily Fractions for Brain Metastases. <i>Neurosurgery</i> , 2019, 85, E870-E871.	1.1	0
46	Commentary: Stereotactic Body Radiotherapy for Spinal Metastases at the Extreme Ends of the Spine: Imaging-Based Outcomes for Cervical and Sacral Metastases. <i>Neurosurgery</i> , 2019, 85, E804-E805.	1.1	0
47	Commentary: Postoperative Stereotactic Body Radiotherapy for Spinal Metastases and the Impact of Epidural Disease Grade. <i>Neurosurgery</i> , 2020, 86, E91-E92.	1.1	0
48	Commentary: Mature Imaging-Based Outcomes Supporting Local Control for Complex Reirradiation Salvage Spine Stereotactic Body Radiotherapy. <i>Neurosurgery</i> , 2020, 87, E498-E499.	1.1	0
49	RADI-10. Is there any benefit for post-operative radiation in brain metastases? A systematic review and meta-analysis of Randomized controlled trials. <i>Neuro-Oncology Advances</i> , 2021, 3, iii19-iii20.	0.7	0
50	HLA-Haploidentical Hematopoietic Cell Transplantation after TCR-Alpha Beta and CD45RA+ Depletion Following Reduced Intensity Conditioning in Adults and Children with Hematological Malignancies. <i>Blood</i> , 2018, 132, 2093-2093.	1.4	0
51	Commentary: Spine Stereotactic Body Radiotherapy for Prostate Cancer Metastases and the Impact of Hormone Sensitivity Status on Local Control. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .	1.1	0
52	Modern approaches to the management of brain metastases: embracing a multi-modal paradigm. <i>Chinese Clinical Oncology</i> , 2022, 11, 9-9.	1.2	0