

# Philip E Schaner

## List of Publications by Year in descending order

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18  
papers

212  
citations

1163117

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1058476

14  
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18  
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docs citations

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times ranked

208  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo CW-EPR Spectrometer Systems for Dosimetry and Oximetry in Preclinical and Clinical Applications. <i>Applied Magnetic Resonance</i> , 2022, 53, 123-143.	1.2	9
2	Flexible Segmented Surface Coil Resonator for In Vivo EPR Measurements in Human Subjects. <i>Applied Magnetic Resonance</i> , 2022, 53, 145.	1.2	3
3	Decreasing the Dose and Volume of Elective Nodal Radiotherapy in HPV-Associated Oropharyngeal Cancer. <i>JAMA Oncology</i> , 2022, 8, 372.	7.1	3
4	What Is the Meaning of an Oxygen Measurement?. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1269, 301-308.	1.6	3
5	The impact of particulate electron paramagnetic resonance oxygen sensors on fluorodeoxyglucose imaging characteristics detected via positron emission tomography. <i>Scientific Reports</i> , 2021, 11, 4422.	3.3	2
6	Evaluation of a Refined Implantable Resonator for Deep-Tissue EPR Oximetry in the Clinic. <i>Applied Magnetic Resonance</i> , 2021, 52, 1321-1342.	1.2	3
7	Addition of Metformin to Concurrent Chemoradiation in Patients With Locally Advanced Non-Small Cell Lung Cancer. <i>JAMA Oncology</i> , 2021, 7, 1324.	7.1	53
8	First-In-Human Study in Cancer Patients Establishing the Feasibility of Oxygen Measurements in Tumors Using Electron Paramagnetic Resonance With the OxyChip. <i>Frontiers in Oncology</i> , 2021, 11, 743256.	2.8	12
9	OxyChip embedded with radio-opaque gold nanoparticles for anatomic registration and oximetry in tissues. <i>Magnetic Resonance in Medicine</i> , 2021, , .	3.0	0
10	Treatment Planning System for Electron FLASH Radiotherapy: Open-source for Clinical Implementation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, , .	0.8	7
11	OxyChip Implantation and Subsequent Electron Paramagnetic Resonance Oximetry in Human Tumors Is Safe and Feasible: First Experience in 24 Patients. <i>Frontiers in Oncology</i> , 2020, 10, 572060.	2.8	15
12	How best to interpret measures of levels of oxygen in tissues to make them effective clinical tools for care of patients with cancer and other oxygen-dependent pathologies. <i>Physiological Reports</i> , 2020, 8, e14541.	1.7	23
13	Initial reporting of NRG-LU001 (NCT02186847), randomized phase II trial of concurrent chemoradiotherapy (CRT) +/- metformin in locally advanced Non-Small Cell Lung Cancer (NSCLC).. <i>Journal of Clinical Oncology</i> , 2019, 37, 8502-8502.	1.6	10
14	Hyperbaric Oxygen as Radiation Sensitizer for Locally Advanced Squamous Cell Carcinoma of the Oropharynx: A Phase 1 Dose-Escalation Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 481-486.	0.8	5
15	Development of the Implantable Resonator System for Clinical EPR Oximetry. <i>Cell Biochemistry and Biophysics</i> , 2017, 75, 275-283.	1.8	14
16	Considerations in radiation therapy for pregnant women with malignancy. <i>Journal of Radiation Oncology</i> , 2016, 5, 335-344.	0.7	0
17	Direct and Repeated Clinical Measurements of pO <sub>2</sub> for Enhancing Cancer Therapy and Other Applications. <i>Advances in Experimental Medicine and Biology</i> , 2016, 923, 95-104.	1.6	22
18	Intraoperative Ultrasound Guidance During Intracavitary Brachytherapy Applicator Placement in Cervical Cancer: The University of Alabama at Birmingham Experience. <i>International Journal of Gynecological Cancer</i> , 2013, 23, 559-566.	2.5	28