

# Giacomo Pirovano

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27  
papers

553  
citations

12  
h-index

23  
g-index

32  
ext. papers

758  
ext. citations

7  
avg, IF

3.77  
L-index

#	Paper	IF	Citations
27	The anti-malarial atovaquone increases radiosensitivity by alleviating tumour hypoxia. <i>Nature Communications</i> , <b>2016</b> , 7, 12308	17.4	122
26	Use of the $\gamma$ H2AX assay to investigate DNA repair dynamics following multiple radiation exposures. <i>PLoS ONE</i> , <b>2013</b> , 8, e79541	3.7	109
25	A role for human homologous recombination factors in suppressing microhomology-mediated end joining. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 5743-57	20.1	55
24	T-LAK cell-originated protein kinase (TOPK): an emerging target for cancer-specific therapeutics. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 1089	9.8	41
23	Targeted Brain Tumor Radiotherapy Using an Auger Emitter. <i>Clinical Cancer Research</i> , <b>2020</b> , 26, 2871-2881	1.9	37
22	CDK1 inhibition sensitizes normal cells to DNA damage in a cell cycle dependent manner. <i>Cell Cycle</i> , <b>2018</b> , 17, 1513-1523	4.7	32
21	Validation of the use of a fluorescent PARP1 inhibitor for the detection of oral, oropharyngeal and oesophageal epithelial cancers. <i>Nature Biomedical Engineering</i> , <b>2020</b> , 4, 272-285	19	25
20	Optical Imaging Modalities: Principles and Applications in Preclinical Research and Clinical Settings. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 1419-1427	8.9	20
19	TOPK modulates tumour-specific radiosensitivity and correlates with recurrence after prostate radiotherapy. <i>British Journal of Cancer</i> , <b>2017</b> , 117, 503-512	8.7	16
18	An Zr-HDL PET Tracer Monitors Response to a CSF1R Inhibitor. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 433-436	8.9	14
17	Smartphone epifluorescence microscopy for cellular imaging of fresh tissue in low-resource settings. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 89-98	3.5	12
16	Nanoemulsion-Based Delivery of Fluorescent PARP Inhibitors in Mouse Models of Small Cell Lung Cancer. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 3776-3782	6.3	12
15	Fluorescence Imaging of Peripheral Nerves by a Na1.7-Targeted Inhibitor Cystine Knot Peptide. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 2879-2888	6.3	10
14	[F]FE-OTS964: a Small Molecule Targeting TOPK for In Vivo PET Imaging in a Glioblastoma Xenograft Model. <i>Molecular Imaging and Biology</i> , <b>2019</b> , 21, 705-712	3.8	8
13	Fluorescence labeling of a Na1.7-targeted peptide for near-infrared nerve visualization. <i>EJNMMI Research</i> , <b>2020</b> , 10, 49	3.6	6
12	PARP1 as a biomarker for early detection and intraoperative tumor delineation in epithelial cancers [First-in-human results]		6
11	PARP-Targeted Auger Therapy in p53 Mutant Colon Cancer Xenograft Mouse Models. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 3418-3428	5.6	6

10	Preclinical and first-in-human-brain-cancer applications of [F]poly (ADP-ribose) polymerase inhibitor PET/MR. <i>Neuro-Oncology Advances</i> , <b>2020</b> , 2, vdaa119	0.9	5
9	Improved radiosynthesis of I-MAPi, an auger theranostic agent. <i>International Journal of Radiation Biology</i> , <b>2020</b> , 1-7	2.9	4
8	TOPKi-NBD: a fluorescent small molecule for tumor imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 47, 1003-1010	8.8	3
7	The anti-malarial drug atovaquone potentiates platinum-mediated cancer cell death by increasing oxidative stress. <i>Cell Death Discovery</i> , <b>2020</b> , 6, 110	6.9	3
6	Targeted brain tumor radiotherapy using an Auger emitter		2
5	Auger: The future of precision medicine. <i>Nuclear Medicine and Biology</i> , <b>2021</b> , 96-97, 50-53	2.1	2
4	PARP1: A Potential Molecular Marker to Identify Cancer During Colposcopy Procedures. <i>Journal of Nuclear Medicine</i> , <b>2021</b> , 62, 941-948	8.9	1
3	Radiomic and radiogenomic modeling for radiotherapy: strategies, pitfalls, and challenges. <i>Journal of Medical Imaging</i> , <b>2021</b> , 8, 031902	2.6	1
2	[F]PARPi Imaging Is Not Affected by HPV Status In Vitro. <i>Molecular Imaging</i> , <b>2021</b> , 2021, 6641397	3.7	1
1	Rapid detection of SARS-CoV-2 using a radiolabeled antibody. <i>Nuclear Medicine and Biology</i> , <b>2021</b> , 98-99, 69-75	2.1	0