

# Giacomo Pirovano

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

894  
citations

623188

14  
h-index

580395

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1692  
citing authors

#	ARTICLE	IF	CITATIONS
1	The anti-malarial atovaquone increases radiosensitivity by alleviating tumour hypoxia. <i>Nature Communications</i> , 2016, 7, 12308.	5.8	173
2	Use of the $\gamma$ -H2AX Assay to Investigate DNA Repair Dynamics Following Multiple Radiation Exposures. <i>PLoS ONE</i> , 2013, 8, e79541.	1.1	143
3	A role for human homologous recombination factors in suppressing microhomology-mediated end joining. <i>Nucleic Acids Research</i> , 2016, 44, 5743-5757.	6.5	83
4	Targeted Brain Tumor Radiotherapy Using an Auger Emitter. <i>Clinical Cancer Research</i> , 2020, 26, 2871-2881.	3.2	69
5	T-LAK cell-originated protein kinase (TOPK): an emerging target for cancer-specific therapeutics. <i>Cell Death and Disease</i> , 2018, 9, 1089.	2.7	60
6	CDK1 inhibition sensitizes normal cells to DNA damage in a cell cycle dependent manner. <i>Cell Cycle</i> , 2018, 17, 1513-1523.	1.3	59
7	Optical Imaging Modalities: Principles and Applications in Preclinical Research and Clinical Settings. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1419-1427.	2.8	49
8	Validation of the use of a fluorescent PARP1 inhibitor for the detection of oral, oropharyngeal and oesophageal epithelial cancers. <i>Nature Biomedical Engineering</i> , 2020, 4, 272-285.	11.6	43
9	An $^{89}\text{Zr}$ -HDL PET Tracer Monitors Response to a CSF1R Inhibitor. <i>Journal of Nuclear Medicine</i> , 2020, 61, 433-436.	2.8	25
10	TOPK modulates tumour-specific radiosensitivity and correlates with recurrence after prostate radiotherapy. <i>British Journal of Cancer</i> , 2017, 117, 503-512.	2.9	20
11	Fluorescence Imaging of Peripheral Nerves by a Na $^{125}\text{I}$ -Targeted Inhibitor Cystine Knot Peptide. <i>Bioconjugate Chemistry</i> , 2019, 30, 2879-2888.	1.8	20
12	Smartphone epifluorescence microscopy for cellular imaging of fresh tissue in low-resource settings. <i>Biomedical Optics Express</i> , 2020, 11, 89.	1.5	19
13	PARP-Targeted Auger Therapy in p53 Mutant Colon Cancer Xenograft Mouse Models. <i>Molecular Pharmaceutics</i> , 2021, 18, 3418-3428.	2.3	16
14	Nanoemulsion-Based Delivery of Fluorescent PARP Inhibitors in Mouse Models of Small Cell Lung Cancer. <i>Bioconjugate Chemistry</i> , 2018, 29, 3776-3782.	1.8	15
15	Preclinical and first-in-human-brain-cancer applications of [ $^{18}\text{F}$ ]poly (ADP-ribose) polymerase inhibitor PET/MR. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa119.	0.4	14
16	Auger: The future of precision medicine. <i>Nuclear Medicine and Biology</i> , 2021, 96-97, 50-53.	0.3	14
17	Improved radiosynthesis of $^{123}\text{I}$ -MAPI, an auger theranostic agent. <i>International Journal of Radiation Biology</i> , 2020, , 1-7.	1.0	13
18	The anti-malarial drug atovaquone potentiates platinum-mediated cancer cell death by increasing oxidative stress. <i>Cell Death Discovery</i> , 2020, 6, 110.	2.0	11

#	ARTICLE	IF	CITATIONS
19	Fluorescence labeling of a NaV1.7-targeted peptide for near-infrared nerve visualization. EJNMMI Research, 2020, 10, 49.	1.1	10
20	[18F]FE-OTS964: a Small Molecule Targeting TOPK for In Vivo PET Imaging in a Glioblastoma Xenograft Model. Molecular Imaging and Biology, 2019, 21, 705-712.	1.3	8
21	Radiomic and radiogenomic modeling for radiotherapy: strategies, pitfalls, and challenges. Journal of Medical Imaging, 2021, 8, 031902.	0.8	8
22	TOPKi-NBD: a fluorescent small molecule for tumor imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1003-1010.	3.3	5
23	Poly(ADP-ribose)polymerase1: A potential molecular marker to identify cancer during colposcopy procedures.. Journal of Nuclear Medicine, 2020, 62, jnumed.120.253575.	2.8	3
24	[18F]PARPi Imaging Is Not Affected by HPV Status In Vitro. Molecular Imaging, 2021, 2021, 1-10.	0.7	2
25	Rapid detection of SARS-CoV-2 using a radiolabeled antibody. Nuclear Medicine and Biology, 2021, 98-99, 69-75.	0.3	2
26	Smartphone-based epifluorescence microscope for fresh tissue imaging. , 2019, , .		0
27	Principles and Applications of Auger-Electron Radionuclide Therapy. , 2022, , .		0