Jean-Pierre Pouget

List of Publications by Year
in descending order

61 papers	3,209 citations	218592 26 h-index	155592 55 g-index
62 all docs	62 docs citations	62 times ranked	3781 citing authors

#	Article	IF	Citations
1	Hydroxyl radicals and DNA base damage. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1999, 424, 9-21.	0.4	544
2	High-Performance Liquid Chromatographyâ^'Tandem Mass Spectrometry Measurement of Radiation-Induced Base Damage to Isolated and Cellular DNA. Chemical Research in Toxicology, 2000, 13, 1002-1010.	1.7	277
3	Clinical radioimmunotherapyâ€"the role of radiobiology. Nature Reviews Clinical Oncology, 2011, 8, 720-734.	12.5	191
4	The Potential and Hurdles of Targeted Alpha Therapy â€“ Clinical Trials and Beyond. Frontiers in Oncology, 2014, 3, 324.	1.3	142
5	Introduction to Radiobiology of Targeted Radionuclide Therapy. Frontiers in Medicine, 2015, 2, 12.	1.2	131
6	Facts and artifacts in the measurement of oxidative base damage to DNA. Free Radical Research, 1998, 29, 541-550.	1.5	125
7	General aspects of the cellular response to low- and high-LET radiation. European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 541-561.	2.2	121
8	Targeted and Off-Target (Bystander and Abscopal) Effects of Radiation Therapy: Redox Mechanisms and Risk/Benefit Analysis. Antioxidants and Redox Signaling, 2018, 29, 1447-1487.	2.5	104
9	Assessment of oxidative base damage to isolated and cellular DNA by HPLC-MS/MS measurement1,2 1This article is part of a series of reviews on â€œOxidative DNA Damage and Repair.â€•The full list of papers may be found on the homepage of the journal. 2Guest Editor: Miral Dizdaroglu. Free Radical Biology and Medicine, 2002, 33, 441-449.	1.3	99
10	Cell Membrane is a More Sensitive Target than Cytoplasm to Dense Ionization Produced by Auger Electrons. Radiation Research, 2008, 170, 192-200.	0.7	99
11	Radiation-Induced DNA Damage: Formation, Measurement, and Biochemical Features. Journal of Environmental Pathology, Toxicology and Oncology, 2004, 23, 33-44.	0.6	96
12	Minor contribution of direct ionization to DNA base damage inducedby heavy ions. International Journal of Radiation Biology, 2006, 82, 119-127.	1.0	93
13	[14] Singlet oxygen DNA damage products: Formation and measurement. Methods in Enzymology, 2000, 319, 143-153.	0.4	86
14	Localized Irradiation of Cell Membrane by Auger Electrons Is Cytotoxic Through Oxidative Stress-Mediated Nontargeted Effects. Antioxidants and Redox Signaling, 2016, 25, 467-484.	2.5	68
15	Place of 18F-FDG-PET with computed tomography in the diagnostic algorithm of patients with fever of unknown origin. European Journal of Clinical Microbiology and Infectious Diseases, 2012, 31, 1727-1733.	1.3	63
16	Immunotherapy of triple-negative breast cancer with cathepsin D-targeting antibodies. , 2019, 7, 29.		63
17	Noninternalizing Monoclonal Antibodies Are Suitable Candidates for 125I Radioimmunotherapy of Small-Volume Peritoneal Carcinomatosis. Journal of Nuclear Medicine, 2009, 50, 2033-2041.	2.8	58
18	Revisiting the Radiobiology of Targeted Alpha Therapy. Frontiers in Medicine, 2021, 8, 692436.	1.2	54

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19	Comparison between Internalizing Anti-HER2 mAbs and Non-Internalizing Anti-CEA mAbs in Alpha-Radioimmunotherapy of Small Volume Peritoneal Carcinomatosis Using 212Pb. PLoS ONE, 2013, 8, e69613.	1.1	54
20	General overview of radioimmunotherapy of solid tumors. Immunotherapy, 2013, 5, 467-487.	1.0	39
21	Comparison of commercial dosimetric software platforms in patients treated with ‹sup›177‹/sup›Luâ€ÐOTATATE for peptide receptor radionuclide therapy. Medical Physics, 2020, 47, 4602-4615.	1.6	34
22	Implementation of patient dosimetry in the clinical practice after targeted radiotherapy using [177Lu-[DOTA0, Tyr3]-octreotate. EJNMMI Research, 2018, 8, 103.	1.1	31
23	Radiation-Induced Immunity and Toxicities: The Versatility of the cGAS-STING Pathway. Frontiers in Immunology, 2021, 12, 680503.	2.2	31
24	Modulation of DNA Damage by Pentoxifylline and Î±-Tocopherol in Skin Fibroblasts Exposed to Gamma Rays. Radiation Research, 2005, 164, 63-72.	0.7	30
25	DNA damage in cultured skin microvascular endothelial cells exposed to gamma rays and treated by the combination pentoxifylline and Î±-tocopherol. International Journal of Radiation Biology, 2006, 82, 309-321.	1.0	30
26	Targeted Cancer Therapy with a Novel Anti-CD37 Beta-Particle Emitting Radioimmunoconjugate for Treatment of Non-Hodgkin Lymphoma. PLoS ONE, 2015, 10, e0128816.	1.1	30
27	Apoptosis and p53 are not involved in the anti-tumor efficacy of 125I-labeled monoclonal antibodies targeting the cell membrane. Nuclear Medicine and Biology, 2013, 40, 471-480.	0.3	28
28	Improved realism of hybrid mouse models may not be sufficient to generate reference dosimetric data. Medical Physics, 2013, 40, 052501.	1.6	26
29	The human MÃ¼llerian inhibiting substance type II receptor as immunotherapy target for ovarian cancer. MAbs, 2014, 6, 1314-1326.	2.6	26
30	Drugs That Modify Cholesterol Metabolism Alter the p38/JNK-Mediated Targeted and Nontargeted Response to Alpha and Auger Radioimmunotherapy. Clinical Cancer Research, 2019, 25, 4775-4790.	3.2	26
31	Antibody PEGylation in bioorthogonal pretargeting with trans-cyclooctene/tetrazine cycloaddition: in vitro and in vivo evaluation in colorectal cancer models. Scientific Reports, 2017, 7, 14918.	1.6	25
32	Tetraspanin 8 (TSPAN 8) as a potential target for radio-immunotherapy of colorectal cancer. Oncotarget, 2017, 8, 22034-22047.	0.8	25
33	DNA damage-centered signaling pathways are effectively activated during low dose-rate Auger radioimmunotherapy. Nuclear Medicine and Biology, 2014, 41, e75-e83.	0.3	24
34	Modulation of exogenous and endogenous levels of thioredoxin in human skin fibroblasts prevents DNA damaging effect of ultraviolet A radiation. Free Radical Biology and Medicine, 2001, 30, 537-546.	1.3	23
35	Brief Intraperitoneal Radioimmunotherapy of Small Peritoneal Carcinomatosis Using High Activities of Noninternalizing ‹sup›125‹/sup›I-Labeled Monoclonal Antibodies. Journal of Nuclear Medicine, 2010, 51, 1748-1755.	2.8	23
36	Glucose metabolism in nine patients with probable sporadic Creutzfeldtâ€“Jakob disease: FDG-PET study using SPM and individual patient analysis. Journal of Neurology, 2013, 260, 3055-3064.	1.8	23

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37	Pretargeted radioimmunotherapy and SPECT imaging of peritoneal carcinomatosis using bioorthogonal click chemistry: probe selection and first proof-of-concept. Theranostics, 2019, 9, 6706-6718.	4.6	23
38	Call to arms: need for radiobiology in molecular radionuclide therapy. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1588-1590.	3.3	23
39	Peptides in Receptor-Mediated Radiotherapy: From Design to the Clinical Application in Cancers. Frontiers in Oncology, 2013, 3, 247.	1.3	20
40	Vaccination with human anti-trastuzumab anti-idiotype scFv reverses HER2 immunological tolerance and induces tumor immunity in MMTV.f.huHER2(Fo5) mice. Breast Cancer Research, 2011, 13, R17.	2.2	19
41	The anti-tumor efficacy of 3C23K, a glyco-engineered humanized anti-MISRII antibody, in an ovarian cancer model is mainly mediated by engagement of immune effector cells. Oncotarget, 2017, 8, 37061-37079.	0.8	16
42	Realistic multi-cellular dosimetry for¹⁷⁷Lu-labelled antibodies: model and application. Physics in Medicine and Biology, 2016, 61, 6935-6952.	1.6	15
43	Radiolabeled Antibodies Against MÃ¼llerian-Inhibiting Substance Receptor, Type II: New Tools for a Theranostic Approach in Ovarian Cancer. Journal of Nuclear Medicine, 2018, 59, 1234-1242.	2.8	15
44	Therapeutic antibodies â€“ natural and pathological barriers and strategies to overcome them. , 2022, 233, 108022.		15
45	Radiocurability by Targeting Tumor Necrosis Factor-Î± Using a Bispecific Antibody in Carcinoembryonic Antigen Transgenic Mice. International Journal of Radiation Oncology Biology Physics, 2007, 69, 1231-1237.	0.4	14
46	Targeted Radionuclide Therapy Using Auger Electron Emitters: The Quest for the Right Vector and the Right Radionuclide. Pharmaceutics, 2021, 13, 980.	2.0	14
47	From the target cell theory to a more integrated view of radiobiology in Targeted radionuclide therapy: The Montpellier group's experience. Nuclear Medicine and Biology, 2022, 104-105, 53-64.	0.3	14
48	Evaluation of two 125I-radiolabeled acridine derivatives for Auger-electron radionuclide therapy of melanoma. Investigational New Drugs, 2014, 32, 587-597.	1.2	12
49	The therapeutic effectiveness of 177Lu-lilotomab in B-cell non-Hodgkin lymphoma involves modulation of G2/M cell cycle arrest. Leukemia, 2020, 34, 1315-1328.	3.3	12
50	Assessment of the Stratos, a New Pencil-Beam Bone Densitometer: Dosimetry, Precision, and Cross Calibration. Journal of Clinical Densitometry, 2011, 14, 395-406.	0.5	11
51	Complex cell geometry and sources distribution model for Monte Carlo single cell dosimetry with iodine 125 radioimmunotherapy. Nuclear Instruments & Methods in Physics Research B, 2016, 366, 227-233.	0.6	11
52	In myotonic dystrophy type 1 reduced FDG-uptake on FDG-PET is most severe in Brodmann area 8. BMC Neurology, 2016, 16, 100.	0.8	7
53	Synthesis and in vitro antitumour activity of carboplatin analogues containing functional handles compatible for conjugation to drug delivery systems. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127527.	1.0	7
54	Rapid communication: insights into the role of extracellular vesicles during Auger radioimmunotherapy. International Journal of Radiation Biology, 2023, 99, 109-118.	1.0	6

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55	Immunostimulatory effects of radioimmunotherapy. , 2022, 10, e004403.		5
56	Tandem myeloablative131I-rituximab radioimmunotherapy and high-dose chemotherapy in refractory/relapsed non-Hodgkin lymphoma patients. Immunotherapy, 2013, 5, 1283-1286.	1.0	3
57	18th European Symposium on Radiopharmacy and Radiopharmaceuticals. EJNMMI Radiopharmacy and Chemistry, 2016, 1, .	1.8	2
58	Artificial nutrition in patients with cancer has no impact on tumour glucose metabolism: Results of the PETANC Study. Clinical Nutrition, 2019, 38, 2121-2126.	2.3	2
59	Status of radiobiology in molecular radionuclide therapy â€“ Hope for the future. Nuclear Medicine and Biology, 2022, 110-111, 45-46.	0.3	1
60	Basics of radiobiology. , 2022, , .		0
61	Radiobiology of Targeted Alpha Therapy. , 2022, , 380-403.		0