

# Georges Tarlet

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

742  
citations

567144

15  
h-index

610775

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

993  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations of the VHL gene in sporadic renal cell carcinoma: Definition of a risk factor for VHL patients to develop an RCC. <i>Human Mutation</i> , 1999, 13, 464-475.	1.1	126
2	Influence of Endothelial Cells on Vascular Smooth Muscle Cells Phenotype after Irradiation. <i>American Journal of Pathology</i> , 2006, 169, 1484-1495.	1.9	125
3	Time-course analysis of mouse serum proteome changes following exposure of the skin to ionizing radiation. <i>Proteomics</i> , 2007, 7, 3992-4002.	1.3	53
4	PAI-1-Dependent Endothelial Cell Death Determines Severity of Radiation-Induced Intestinal Injury. <i>PLoS ONE</i> , 2012, 7, e35740.	1.1	49
5	Essential Role of Plasminogen Activator Inhibitor Type-1 in Radiation Enteropathy. <i>American Journal of Pathology</i> , 2008, 172, 691-701.	1.9	47
6	In vivo evidence for an endothelium-dependent mechanism in radiation-induced normal tissue injury. <i>Scientific Reports</i> , 2015, 5, 15738.	1.6	45
7	Identification of Endothelial-to-Mesenchymal Transition as a Potential Participant in Radiation Proctitis. <i>American Journal of Pathology</i> , 2015, 185, 2550-2562.	1.9	35
8	Radiation-induced changes in the glycome of endothelial cells with functional consequences. <i>Scientific Reports</i> , 2017, 7, 5290.	1.6	32
9	HIF-1 $\alpha$ Deletion in the Endothelium, but Not in the Epithelium, Protects From Radiation-Induced Enteritis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 15-30.	2.3	31
10	Detecting time periods of differential gene expression using Gaussian processes: an application to endothelial cells exposed to radiotherapy dose fraction. <i>Bioinformatics</i> , 2015, 31, 728-735.	1.8	28
11	Endothelial Hey2 deletion reduces endothelial-to-mesenchymal transition and mitigates radiation proctitis in mice. <i>Scientific Reports</i> , 2017, 7, 4933.	1.6	24
12	Alteration of the Serum N-glycome of Mice Locally Exposed to High Doses of Ionizing Radiation. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 283-301.	2.5	23
13	The TGF $\beta$ 2/Smad Repressor TG-Interacting Factor 1 (TGIF1) Plays a Role in Radiation-Induced Intestinal Injury Independently of a Smad Signaling Pathway. <i>PLoS ONE</i> , 2012, 7, e35672.	1.1	20
14	The TG-interacting Factor TGIF1 Regulates Stress-induced Proinflammatory Phenotype of Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 38913-38921.	1.6	19
15	Stereotactic Lung Irradiation in Mice Promotes Long-Term Senescence and Lung Injury. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 1017-1027.	0.4	17
16	Lung Stereotactic Arc Therapy in Mice: Development of Radiation Pneumopathy and Influence of HIF-1 $\alpha$ Endothelial Deletion. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 279-290.	0.4	15
17	Applying a multiscale systems biology approach to study the effect of chronic low-dose exposure to uranium in rat kidneys. <i>International Journal of Radiation Biology</i> , 2019, 95, 737-752.	1.0	11
18	Variation of 4 MV X-ray dose rate strongly impacts biological response both in vitro and in vivo. <i>Scientific Reports</i> , 2020, 10, 7021.	1.6	10

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19	Deciphering the Dynamic Molecular Program of Radiation-Induced Endothelial Senescence. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 975-985.	0.4	8
20	Deep models of integrated multiscale molecular data decipher the endothelial cell response to ionizing radiation. <i>IScience</i> , 2022, 25, 103685.	1.9	7
21	Conditional Plasminogen Activator Inhibitor Type 1 Deletion in the Endothelial Compartment Has No Beneficial Effect on Radiation-Induced Whole-Lung Damage in Mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 972-982.	0.4	5
22	Preclinical Model of Stereotactic Ablative Lung Irradiation Using Arc Delivery in the Mouse: Effect of Beam Size Changes and Dose Effect at Constant Collimation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 548-562.	0.4	5
23	Temporal clustering analysis of endothelial cell gene expression following exposure to a conventional radiotherapy dose fraction using Gaussian process clustering. <i>PLoS ONE</i> , 2018, 13, e0204960.	1.1	4
24	Variation of 4â€‰%MV X-ray dose rate in fractionated irradiation strongly impacts biological endothelial cell response <i>in vitro</i> . <i>International Journal of Radiation Biology</i> , 2022, 98, 50-59.	1.0	3
25	Preclinical Model of Stereotactic Ablative Lung Irradiation Using Arc Delivery in the Mouse: Is Fractionation Worthwhile?. <i>Frontiers in Medicine</i> , 2021, 8, 794324.	1.2	0