Dominique Trudel

List of Publications by Year
in descending order

54 papers	2,587 citations	257450 24 h-index	197818 49 g-index
55 all docs	55 docs citations	55 times ranked	5103 citing authors

#	Article	IF	Citations
1	Genomic hallmarks of localized, non-indolent prostate cancer. Nature, 2017, 541, 359-364.	27.8	462
2	Spatial genomic heterogeneity within localized, multifocal prostate cancer. Nature Genetics, 2015, 47, 736-745.	21.4	395
3	A new method using Raman spectroscopy for in vivo targeted brain cancer tissue biopsy. Scientific Reports, 2018, 8, 1792.	3.3	149
4	Prognostic impact of intraductal carcinoma and large cribriform carcinoma architecture after prostatectomy in a contemporary cohort. European Journal of Cancer, 2014, 50, 1610-1616.	2.8	137
5	The influence of MMP-14, TIMP-2 and MMP-2 expression on breast cancer prognosis. Breast Cancer Research, 2006, 8, R28.	5.0	124
6	A review of Raman spectroscopy advances with an emphasis on clinical translation challenges in oncology. Physics in Medicine and Biology, 2016, 61, R370-R400.	3.0	103
7	Significance of MMP-2 expression in prostate cancer: an immunohistochemical study. Cancer Research, 2003, 63, 8511-5.	0.9	88
8	Randomized Clinical Trial of Vitamin D3 Doses on Prostatic Vitamin D Metabolite Levels and Ki67 Labeling in Prostate Cancer Patients. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 1498-1507.	3.6	81
9	Proteomic Profiling of Androgen-independent Prostate Cancer Cell Lines Reveals a Role for Protein S during the Development of High Grade and Castration-resistant Prostate Cancer. Journal of Biological Chemistry, 2012, 287, 34019-34031.	3.4	65
10	Correlation of ERG Expression and DNA Methylation Biomarkers with Adverse Clinicopathologic Features of Prostate Cancer. Clinical Cancer Research, 2012, 18, 2896-2904.	7.0	59
11	Evaluation and prognostic significance of ACAT1 as a marker of prostate cancer progression. Prostate, 2014, 74, 372-380.	2.3	57
12	Metformin Abrogates Age-Associated Ovarian Fibrosis. Clinical Cancer Research, 2020, 26, 632-642.	7.0	51
13	Membrane-type-1 matrix metalloproteinase, matrix metalloproteinase 2, and tissue inhibitor of matrix proteinase 2 in prostate cancer: identification of patients with poor prognosis by immunohistochemistry. Human Pathology, 2008, 39, 731-739.	2.0	49
14	Mesoscopic characterization of prostate cancer using Raman spectroscopy: potential for diagnostics and therapeutics. BJU International, 2018, 122, 326-336.	2.5	49
15	Effect of process unit operations and long-term storage on catechin contents in EGCG-enriched tea drink. Food Research International, 2010, 43, 1692-1701.	6.2	45
16	Human epididymis protein 4 (HE4) and ovarian cancer prognosis. Gynecologic Oncology, 2012, 127, 511-515.	1.4	45
17	A two-stage, single-arm, phase II study of EGCG-enriched green tea drink as a maintenance therapy in women with advanced stage ovarian cancer. Gynecologic Oncology, 2013, 131, 357-361.	1.4	43
18	Combining high wavenumber and fingerprint Raman spectroscopy for the detection of prostate cancer during radical prostatectomy. Biomedical Optics Express, 2018, 9, 4294.	2.9	39

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19	Integration of a Raman spectroscopy system to a robotic-assisted surgical system for real-time tissue characterization during radical prostatectomy procedures. Journal of Biomedical Optics, 2019, 24, 1.	2.6	39
20	Catechin stability of EGC- and EGCG-enriched tea drinks produced by a two-step extraction procedure. Food Chemistry, 2008, 111, 139-143.	8.2	36
21	Green tea for ovarian cancer prevention and treatment: A systematic review of the in vitro, in vivo and epidemiological studies. Gynecologic Oncology, 2012, 126, 491-498.	1.4	36
22	The Î”F508 Mutation in the Cystic Fibrosis Transmembrane Conductance Regulator Is Associated With Progressive Insulin Resistance and Decreased Functional Î²-Cell Mass in Mice. Diabetes, 2015, 64, 4112-4122.	0.6	31
23	WISP1 is associated to advanced disease, EMT and an inflamed tumor microenvironment in multiple solid tumors. OncoImmunology, 2019, 8, e1581545.	4.6	28
24	Hematoxylin and Eosin Counterstaining Protocol for Immunohistochemistry Interpretation and Diagnosis. Applied Immunohistochemistry and Molecular Morphology, 2019, 27, 558-563.	1.2	28
25	Visual and automated assessment of matrix metalloproteinase-14 tissue expression for the evaluation of ovarian cancer prognosis. Modern Pathology, 2014, 27, 1394-1404.	5.5	27
26	The impact of intraductal carcinoma of the prostate on the site and timing of recurrence and cancerâ€specific survival. Prostate, 2018, 78, 697-706.	2.3	25
27	Saliva-based detection of COVID-19 infection in a real-world setting using reagent-free Raman spectroscopy and machine learning. Journal of Biomedical Optics, 2022, 27, .	2.6	24
28	Validation of the prognostic value of NF-ÎºB p65 in prostate cancer: A retrospective study using a large multi-institutional cohort of the Canadian Prostate Cancer Biomarker Network. PLoS Medicine, 2019, 16, e1002847.	8.4	23
29	Altered DNA Methylation Landscapes of Polycomb-Repressed Loci Are Associated with Prostate Cancer Progression and ERG Oncogene Expression in Prostate Cancer. Clinical Cancer Research, 2013, 19, 3450-3461.	7.0	22
30	Matrix metalloproteinase 9 is associated with Gleason score in prostate cancer but not with prognosis. Human Pathology, 2010, 41, 1694-1701.	2.0	21
31	Prognostic significance of TIMP-2, MMP-2, and MMP-9 on high-grade serous ovarian carcinoma using digital image analysis. Human Pathology, 2015, 46, 739-745.	2.0	21
32	Identification of the Transcription Factor Relationships Associated with Androgen Deprivation Therapy Response and Metastatic Progression in Prostate Cancer. Cancers, 2018, 10, 379.	3.7	21
33	Identification of intraductal carcinoma of the prostate on tissue specimens using Raman micro-spectroscopy: A diagnostic accuracy caseâ€“control study with multicohort validation. PLoS Medicine, 2020, 17, e1003281.	8.4	19
34	Retrospective study on the benefit of adjuvant radiotherapy in men with intraductal carcinoma of prostate. Radiation Oncology, 2019, 14, 60.	2.7	18
35	Performance of preoperative plasma tumor markers HE4 and CA125 in predicting ovarian cancer mortality in women with epithelial ovarian cancer. PLoS ONE, 2019, 14, e0218621.	2.5	17
36	Downgrading of biopsy based Gleason score in prostatectomy specimens. Journal of Clinical Pathology, 2014, 67, 313-318.	2.0	16

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37	The Terry Fox Research Institute Canadian Prostate Cancer Biomarker Network: an analysis of a pan-Canadian multi-center cohort for biomarker validation. BMC Urology, 2018, 18, 78.	1.4	14
38	Detection of Steatohepatitis in a Rat Model by Using Spectroscopic Shear-Wave US Elastography. Radiology, 2017, 282, 726-733.	7.3	13
39	Intraductal Carcinoma of the Prostate as a Cause of Prostate Cancer Metastasis: A Molecular Portrait. Cancers, 2022, 14, 820.	3.7	13
40	Evaluation of ERG and PTEN protein expression in cribriform architecture prostate carcinomas. Pathology Research and Practice, 2017, 213, 34-38.	2.3	12
41	4FISH-IF, a Four-Color Dual-Gene FISH Combined with p63 Immunofluorescence to Evaluate NKX3.1 and MYC Status in Prostate Cancer. Journal of Histochemistry and Cytochemistry, 2013, 61, 500-509.	2.5	5
42	HtrA1 expression and the prognosis of high-grade serous ovarian carcinoma: a cohort study using digital analysis. Diagnostic Pathology, 2018, 13, 57.	2.0	5
43	High Keratin-7 Expression in Benign Peri-Tumoral Prostatic Glands Is Predictive of Bone Metastasis Onset and Prostate Cancer-Specific Mortality. Cancers, 2022, 14, 1623.	3.7	5
44	Malignant Rhabdoid Tumor of Soft Tissue. Pediatric and Developmental Pathology, 2017, 20, 262-266.	1.0	4
45	A Multi-Institutional Validation of Gleason Score Derived from Tissue Microarray Cores. Pathology and Oncology Research, 2019, 25, 979-986.	1.9	4
46	Nodular Regenerative Hyperplasia: Expression Pattern of Glutamine Synthetase and a Potential Role for Hepatic Progenitor Cells. Applied Immunohistochemistry and Molecular Morphology, 2020, 28, 243-248.	1.2	4
47	PUMA and NOXA Expression in Tumor-Associated Benign Prostatic Epithelial Cells Are Predictive of Prostate Cancer Biochemical Recurrence. Cancers, 2020, 12, 3187.	3.7	4
48	Dimensional reduction based on peak fitting of Raman micro spectroscopy data improves detection of prostate cancer in tissue specimens. Journal of Biomedical Optics, 2021, 26, .	2.6	4
49	High Levels of MFG-E8 Confer a Good Prognosis in Prostate and Renal Cancer Patients. Cancers, 2022, 14, 2790.	3.7	3
50	Proteases and their inhibitors as prognostic factors for high-grade serous ovarian cancer. Pathology Research and Practice, 2019, 215, 152369.	2.3	2
51	A 2-Stage, Single-Arm, Phase 2 Study of Epigallocatechin Gallateâ€“Enriched Green Tea Drink as a Maintenance Therapy in Women With Advanced-Stage Ovarian Cancer. Obstetrical and Gynecological Survey, 2014, 69, 207-208.	0.4	1
52	Identification of Morphologic Criteria Associated with Biochemical Recurrence in Intraductal Carcinoma of the Prostate. Cancers, 2021, 13, 6243.	3.7	1
53	A case of recurrent leg necrotic ulcers secondary to silicone migration in a transgender patient: radiographic, ultrasound and MRI findings. BJR|case Reports, 2016, 2, 20150309.	0.2	0
54	The Movember Global Action Plan 1 (GAP1): Unique Prostate Cancer Tissue Microarray Resource. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 715-727.	2.5	0