

# Fumitaka Kikkawa

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,937  
citations

394421

19  
h-index

276875

41  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1888  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Effect of Indirect Nonequilibrium Atmospheric Pressure Plasma on Anti-Proliferative Activity against Chronic Chemo-Resistant Ovarian Cancer Cells In Vitro and In Vivo. <i>PLoS ONE</i> , 2013, 8, e81576.        | 2.5 | 335       |
| 2  | Plasma-Activated Medium Selectively Kills Glioblastoma Brain Tumor Cells by Down-Regulating a Survival Signaling Molecule, AKT Kinase. <i>Plasma Medicine</i> , 2011, 1, 265-277.                                 | 0.6 | 284       |
| 3  | Cell survival of glioblastoma grown in medium containing hydrogen peroxide and/or nitrite, or in plasma-activated medium. <i>Archives of Biochemistry and Biophysics</i> , 2016, 605, 102-108.                    | 3.0 | 203       |
| 4  | Non-thermal atmospheric pressure plasma activates lactate in Ringer's solution for anti-tumor effects. <i>Scientific Reports</i> , 2016, 6, 36282.  | 3.3 | 167       |
| 5  | Endometriosis and cancer. <i>Free Radical Biology and Medicine</i> , 2019, 133, 186-192.  | 2.9 | 94        |
| 6  | Plasma Medical Science for Cancer Therapy: Toward Cancer Therapy Using Nonthermal Atmospheric Pressure Plasma. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 3760-3764.                                  | 1.3 | 91        |
| 7  | Long-term follow-up and prognostic factor analysis in clear cell adenocarcinoma of the ovary. <i>Journal of Surgical Oncology</i> , 2006, 94, 138-143.  | 1.7 | 83        |
| 8  | Cell survival and proliferation signaling pathways are downregulated by plasma-activated medium in glioblastoma brain tumor cells. <i>Plasma Medicine</i> , 2012, 2, 207-220.                                     | 0.6 | 76        |
| 9  | Fertility-sparing surgery in patients with clear-cell carcinoma of the ovary: Is it possible?. <i>Human Reproduction</i> , 2011, 26, 3297-3302.   | 0.9 | 55        |
| 10 | Survival impact of capsule rupture in stage I clear cell carcinoma of the ovary in comparison with other histological types. <i>Gynecologic Oncology</i> , 2011, 123, 474-478.                                    | 1.4 | 51        |
| 11 | Plasma-activated medium suppresses choroidal neovascularization in mice: a new therapeutic concept for age-related macular degeneration. <i>Scientific Reports</i> , 2015, 5, 7705.                               | 3.3 | 47        |
| 12 | PAI-1 secreted from metastatic ovarian cancer cells triggers the tumor-promoting role of the mesothelium in a feedback loop to accelerate peritoneal dissemination. <i>Cancer Letters</i> , 2019, 442, 181-192.   | 7.2 | 41        |
| 13 | Inhibition of ZEB1 leads to inversion of metastatic characteristics and restoration of paclitaxel sensitivity of chronic chemoresistant ovarian carcinoma cells. <i>Oncotarget</i> , 2017, 8, 99482-99494.        | 1.8 | 36        |
| 14 | Adjuvant Chemotherapy for Stage I Ovarian Clear Cell Carcinoma: Is it Necessary for Stage IA?. <i>International Journal of Gynecological Cancer</i> , 2012, 22, 1143-1149.  | 2.5 | 33        |
| 15 | Non-thermal plasma-activated medium modified metabolomic profiles in the glycolysis of U251SP glioblastoma. <i>Archives of Biochemistry and Biophysics</i> , 2019, 662, 83-92.                                    | 3.0 | 33        |
| 16 | KIF20A expression as a prognostic indicator and its possible involvement in the proliferation of ovarian clear-cell carcinoma cells. <i>Oncology Reports</i> , 2018, 40, 195-205.                                 | 2.6 | 29        |
| 17 | A recurrence-predicting prognostic factor for patients with ovarian clear-cell adenocarcinoma at reproductive age. <i>International Journal of Clinical Oncology</i> , 2014, 19, 921-927.                         | 2.2 | 22        |
| 18 | Prognostic factors and effects of fertility-sparing surgery in women of reproductive age with ovarian clear-cell carcinoma: a propensity score analysis. <i>Journal of Gynecologic Oncology</i> , 2019, 30, e102. | 2.2 | 21        |

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|----|--|-----|-----------|
| 19 | A post-recurrence survival predicting indicator for cervical cancer from the analysis of 165 patients who developed recurrence. <i>Molecular and Clinical Oncology</i> , 2018, 8, 281-285.   | 1.0 | 20        |
| 20 | Non-thermal plasma-activated lactate solution kills U251SP glioblastoma cells in an innate reductive manner with altered metabolism. <i>Archives of Biochemistry and Biophysics</i> , 2020, 688, 108414.                                 | 3.0 | 20        |
| 21 | A novel mechanism of neovascularization in peritoneal dissemination via cancer-associated mesothelial cells affected by TGF- $\beta^2$ derived from ovarian cancer. <i>Oncology Reports</i> , 2017, 39, 193-200.                         | 2.6 | 18        |
| 22 | Adjusted multiple gases in the plasma flow induce differential antitumor potentials of plasma-activated solutions. <i>Plasma Processes and Polymers</i> , 2020, 17, 1900259.   | 3.0 | 17        |
| 23 | The possible existence of occult metastasis in patients with ovarian clear-cell carcinoma who underwent complete resection without any residual tumours. <i>Oncotarget</i> , 2018, 9, 6298-6307.   | 1.8 | 17        |
| 24 | Prognostic value of neutrophil-to-lymphocyte ratio in early-stage ovarian clear-cell carcinoma. <i>Journal of Gynecologic Oncology</i> , 2019, 30, e85.  | 2.2 | 15        |
| 25 | Survival impact of capsule status in stage I ovarian mucinous carcinoma: A multicentric retrospective study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019, 234, 131-136.                            | 1.1 | 13        |
| 26 | The upregulated expression of vascular endothelial growth factor in surgically treated patients with recurrent/radioresistant cervical cancer of the uterus. <i>Oncology Letters</i> , 2018, 16, 515-521.                                | 1.8 | 11        |
| 27 | Fertility-sparing surgery and oncologic outcome among patients with early-stage ovarian cancer -propensity score- matched analysis-. <i>BMC Cancer</i> , 2019, 19, 1235.   | 2.6 | 11        |
| 28 | The Preoperative Prognostic Nutritional Index for the Prediction of Outcomes in Patients with Early-Stage Ovarian Clear Cell Carcinoma. <i>Scientific Reports</i> , 2020, 10, 7135.  | 3.3 | 11        |
| 29 | Synthesis of calcium oxalate crystals in culture medium irradiated with non-equilibrium atmospheric-pressure plasma. <i>Applied Physics Express</i> , 2016, 9, 096201.   | 2.4 | 10        |
| 30 | The impact of systematic retroperitoneal lymphadenectomy on long-term oncologic outcome of women with advanced ovarian clear-cell carcinoma. <i>Journal of Gynecologic Oncology</i> , 2020, 31, e47.                                     | 2.2 | 10        |
| 31 | Impact of positive ZEB1 expression in patients with epithelial ovarian carcinoma as an oncologic outcome-predicting indicator. <i>Oncology Letters</i> , 2017, 14, 4287-4293.  | 1.8 | 9         |
| 32 | Oncologic and reproductive outcomes of cystectomy as a fertility-sparing treatment for early-stage epithelial ovarian cancer. <i>International Journal of Clinical Oncology</i> , 2019, 24, 857-862.                                     | 2.2 | 9         |
| 33 | Comparison of long-term oncologic outcomes between metastatic ovarian carcinoma originating from gastrointestinal organs and advanced mucinous ovarian carcinoma. <i>International Journal of Clinical Oncology</i> , 2019, 24, 950-956. | 2.2 | 8         |
| 34 | Amniotic lamellar body count: predicting and distinguishing neonatal respiratory complications in twin pregnancies. <i>Clinica Chimica Acta</i> , 2015, 441, 75-78.  | 1.1 | 7         |
| 35 | Expression of connective tissue growth factor as a prognostic indicator and its possible involvement in the aggressive properties of epithelial ovarian carcinoma. <i>Oncology Reports</i> , 2019, 42, 2323-2332.                        | 2.6 | 7         |
| 36 | Secondary cytoreductive surgery potentially improves the oncological outcomes of patients with recurrent uterine sarcomas. <i>Molecular and Clinical Oncology</i> , 2018, 8, 499-503.  | 1.0 | 6         |

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|----|---|-----|-----------|
| 37 | Oncologic outcome after recurrence in patients with stage I epithelial ovarian cancer: are clear-cell and mucinous histological types a different entities?. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 181, 305-310. | 1.1 | 4         |
| 38 | Crystallization of calcium oxalate dihydrate in a buffered calcium-containing glucose solution by irradiation with non-equilibrium atmospheric pressure plasma. <i>Journal of Applied Physics</i> , 2017, 122, 143301.  | 2.5 | 4         |
| 39 | The usefulness of bevacizumab for relief from symptomatic malignant ascites in patients with heavily treated recurrent ovarian cancer. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019, 45, 2435-2439.   | 1.3 | 4         |
| 40 | Regulation of Prolactin Gene Expression During Early Pregnancy in Rats.. <i>Endocrinologia Japonica</i> , 1989, 36, 395-401.  | 0.5 | 3         |
| 41 | Adjuvant taxane plus platinum chemotherapy for stage I ovarian clear cell carcinoma with complete surgical staging: are more than three cycles necessary?. <i>International Journal of Clinical Oncology</i> , 2022, 27, 609-618.                             | 2.2 | 2         |
| 42 | Establishment and characterization of cell lines from human endometrial epithelial and mesenchymal cells from patients with endometriosis. <i>F&amp;S Science</i> , 2020, 1, 195-205.   | 0.9 | 0         |