

# Pamela K Kreeger

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,094  
citations

516561

16  
h-index

414303

32  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioengineering approaches to improve gynecological cancer outcomes. <i>Current Opinion in Biomedical Engineering</i> , 2022, 22, 100384.	1.8	2
2	Processing and Analysis of Ascites. <i>Methods in Molecular Biology</i> , 2022, 2424, 95-104.	0.4	1
3	Multi-modal Profiling of the Extracellular Matrix of Human Fallopian Tubes and Serous Tubal Intraepithelial Carcinomas. <i>Journal of Histochemistry and Cytochemistry</i> , 2022, 70, 151-168.	1.3	7
4	Multispectral Staining and Analysis of Extracellular Matrix. <i>Methods in Molecular Biology</i> , 2022, 2424, 105-119.	0.4	1
5	Topological defects in the mesothelium suppress ovarian cancer cell clearance. <i>APL Bioengineering</i> , 2021, 5, 036103.	3.3	11
6	Design and implementation of a microfluidic device capable of temporal growth factor delivery reveal filtering capabilities of the EGFR/ERK pathway. <i>APL Bioengineering</i> , 2021, 5, 046101.	3.3	4
7	Scaffold stiffness influences breast cancer cell invasion via EGFR-linked Mena upregulation and matrix remodeling. <i>Matrix Biology</i> , 2020, 85-86, 80-93.	1.5	56
8	Ovarian cancer cells direct monocyte differentiation through a non-canonical pathway. <i>BMC Cancer</i> , 2020, 20, 1008.	1.1	6
9	Engineering the Extracellular Matrix to Model the Evolving Tumor Microenvironment. <i>IScience</i> , 2020, 23, 101742.	1.9	28
10	Ovarian Cells Have Increased Proliferation in Response to Heparin-Binding Epidermal Growth Factor as Collagen Density Increases. <i>Tissue Engineering - Part A</i> , 2020, 26, 747-758.	1.6	18
11	Ten simple rules for women principal investigators during a pandemic. <i>PLoS Computational Biology</i> , 2020, 16, e1008370.	1.5	10
12	The Many Microenvironments of Ovarian Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1296, 199-213.	0.8	5
13	Leader cell PLC $\beta$ 1 activation during keratinocyte collective migration is induced by EGFR localization and clustering. <i>Bioengineering and Translational Medicine</i> , 2019, 4, e10138.	3.9	3
14	Alternatively activated macrophage-derived secretome stimulates ovarian cancer spheroid spreading through a JAK2/STAT3 pathway. <i>Cancer Letters</i> , 2019, 458, 92-101.	3.2	27
15	Substrate curvature induces fallopian tube epithelial cell invasion via cell-cell tension in a model of ovarian cortical inclusion cysts. <i>Integrative Biology (United Kingdom)</i> , 2019, 11, 342-352.	0.6	12
16	The extracellular matrix of ovarian cortical inclusion cysts modulates invasion of fallopian tube epithelial cells. <i>APL Bioengineering</i> , 2018, 2, .	3.3	26
17	Engineering Approaches to Study Cellular Decision Making. <i>Annual Review of Biomedical Engineering</i> , 2018, 20, 49-72.	5.7	15
18	Alternatively-Activated Macrophages Upregulate Mesothelial Expression of P-Selectin to Enhance Adhesion of Ovarian Cancer Cells. <i>Cancer Research</i> , 2018, 78, 3560-3573.	0.4	53

#	ARTICLE	IF	CITATIONS
19	Decoupling the effects of stiffness and fiber density on cellular behaviors via an interpenetrating network of gelatin-methacrylate and collagen. <i>Biomaterials</i> , 2017, 141, 125-135.	5.7	114
20	Partial Least Squares Regression Models for the Analysis of Kinase Signaling. <i>Methods in Molecular Biology</i> , 2017, 1636, 523-533.	0.4	4
21	Ten simple rules for developing a mentorâ€ˆmentee expectations document. <i>PLoS Computational Biology</i> , 2017, 13, e1005709.	1.5	28
22	Hierarchy of cellular decisions in collective behavior: Implications for wound healing. <i>Scientific Reports</i> , 2016, 6, 20139.	1.6	27
23	Immobilized epidermal growth factor stimulates persistent, directed keratinocyte migration <i>via</i> activation of PLC $\beta$ 1. <i>FASEB Journal</i> , 2016, 30, 2580-2590.	0.2	9
24	M2 macrophages induce ovarian cancer cell proliferation via a heparin binding epidermal growth factor/matrix metalloproteinase 9 intercellular feedback loop. <i>Oncotarget</i> , 2016, 7, 86608-86620.	0.8	54
25	Quantitative analysis of insulin-like growth factor 2 receptor and insulin-like growth factor binding proteins to identify control mechanisms for insulin-like growth factor 1 receptor phosphorylation. <i>BMC Systems Biology</i> , 2015, 10, 15.	3.0	14
26	High-grade serous ovarian cancer cell lines exhibit heterogeneous responses to growth factor stimulation. <i>Cancer Cell International</i> , 2015, 15, 112.	1.8	24
27	A kinetic model identifies phosphorylated estrogen receptor $\alpha$ (ER $\alpha$ ) as a critical regulator of ER $\alpha$ dynamics in breast cancer. <i>FASEB Journal</i> , 2015, 29, 2022-2031.	0.2	10
28	Strategies from UW-Madison for rescuing biomedical research in the US. <i>ELife</i> , 2015, 4, e09305.	2.8	30
29	Endometriotic Epithelial Cell Response to Macrophage-Secreted Factors is Dependent on Extracellular Matrix Context. <i>Cellular and Molecular Bioengineering</i> , 2014, 7, 409-420.	1.0	7
30	Using Partial Least Squares Regression to Analyze Cellular Response Data. <i>Science Signaling</i> , 2013, 6, tr7.	1.6	39
31	Experimental and computational analysis of cellular interactions with nylon $\beta$ -bearing substrates. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2750-2759.	2.1	16
32	A multivariate model of ErbB network composition predicts ovarian cancer cell response to canertinib. <i>Biotechnology and Bioengineering</i> , 2012, 109, 213-224.	1.7	17
33	Cancer systems biology: a network modeling perspective. <i>Carcinogenesis</i> , 2010, 31, 2-8.	1.3	341
34	Integration of multiple signaling pathway activities resolves K-RAS/N-RAS mutation paradox in colon epithelial cell response to inflammatory cytokine stimulation. <i>Integrative Biology (United Kingdom)</i> , 2010, 2, 202.	0.6	16
35	RAS Mutations Affect Tumor Necrosis Factor $\alpha$ -Induced Apoptosis in Colon Carcinoma Cells via ERK-Modulatory Negative and Positive Feedback Circuits Along with Non-ERK Pathway Effects. <i>Cancer Research</i> , 2009, 69, 8191-8199.	0.4	50
36	Reaction of Morpholine with t-Butyl Acetoacetate: A Study in Kinetic vs Thermodynamic Control, Product Identification, and Molecular Modeling. <i>Journal of Chemical Education</i> , 2000, 77, 90.	1.1	9