

# W John Kao

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Navigating the Collagen Jungle: The Biomedical Potential of Fiber Organization in Cancer. <i>Bioengineering</i> , 2021, 8, 17.	1.6	42
2	Minocycline enhances the mesenchymal stromal/stem cell pro-healing phenotype in triple antimicrobial-loaded hydrogels. <i>Acta Biomaterialia</i> , 2017, 51, 184-196.	4.1	23
3	Comparison of Picrosirius Red Staining With Second Harmonic Generation Imaging for the Quantification of Clinically Relevant Collagen Fiber Features in Histopathology Samples. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 519-529.	1.3	68
4	Human pancreatic stellate cells modulate 3D collagen alignment to promote the migration of pancreatic ductal adenocarcinoma cells. <i>Biomedical Microdevices</i> , 2016, 18, 105.	1.4	33
5	Highly aligned stromal collagen is a negative prognostic factor following pancreatic ductal adenocarcinoma resection. <i>Oncotarget</i> , 2016, 7, 76197-76213.	0.8	163
6	A subset of myofibroblastic cancer-associated fibroblasts regulate collagen fiber elongation, which is prognostic in multiple cancers. <i>Oncotarget</i> , 2016, 7, 6159-6174.	0.8	149
7	Development of a Bioinspired Stroma Model to Study the Role of Collagen Topology in Pancreatic Ductal Adenocarcinoma. <i>Microscopy and Microanalysis</i> , 2015, 21, 87-88.	0.2	0
8	Poly(ethylene glycol)-containing hydrogels modulate $\alpha$ -defensin release from polymorphonuclear leukocytes and monocyte recruitment. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3772-3780.	2.1	4
9	Biomaterials differentially regulate Src kinases and phosphoinositide 3-kinase- $\beta$ in polymorphonuclear leukocyte primary and tertiary granule release. <i>Biomaterials</i> , 2015, 50, 47-55.	5.7	7
10	Periductal stromal collagen topology of pancreatic ductal adenocarcinoma differs from that of normal and chronic pancreatitis. <i>Modern Pathology</i> , 2015, 28, 1470-1480.	2.9	110
11	A bioengineered heterotypic stroma-cancer microenvironment model to study pancreatic ductal adenocarcinoma. <i>Lab on A Chip</i> , 2013, 13, 3965.	3.1	51
12	Recent advances in biomedical polyurethane biostability and biodegradation. <i>Polymer International</i> , 1998, 46, 163-171.	1.6	85
13	Recent advances in biomedical polyurethane biostability and biodegradation. , 1998, 46, 163.		1
14	In vivo biocompatibility and biostability of modified polyurethanes. , 1997, 36, 246-257.		175
15	In vivo biocompatibility and biostability of modified polyurethanes. , 1997, 36, 246.		2