

# W John Kao

## List of Publications by Year in descending order

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15  
papers

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1040056

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docs citations

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times ranked

1496  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo biocompatibility and biostability of modified polyurethanes. , 1997, 36, 246-257.		175
2	Highly aligned stromal collagen is a negative prognostic factor following pancreatic ductal adenocarcinoma resection. Oncotarget, 2016, 7, 76197-76213.	1.8	163
3	A subset of myofibroblastic cancer-associated fibroblasts regulate collagen fiber elongation, which is prognostic in multiple cancers. Oncotarget, 2016, 7, 6159-6174.	1.8	149
4	Periductal stromal collagen topology of pancreatic ductal adenocarcinoma differs from that of normal and chronic pancreatitis. Modern Pathology, 2015, 28, 1470-1480.	5.5	110
5	Recent advances in biomedical polyurethane biostability and biodegradation. Polymer International, 1998, 46, 163-171.	3.1	85
6	Comparison of Picrosirius Red Staining With Second Harmonic Generation Imaging for the Quantification of Clinically Relevant Collagen Fiber Features in Histopathology Samples. Journal of Histochemistry and Cytochemistry, 2016, 64, 519-529.	2.5	68
7	A bioengineered heterotypic stromaâ€“cancer microenvironment model to study pancreatic ductal adenocarcinoma. Lab on A Chip, 2013, 13, 3965.	6.0	51
8	Navigating the Collagen Jungle: The Biomedical Potential of Fiber Organization in Cancer. Bioengineering, 2021, 8, 17.	3.5	42
9	Human pancreatic stellate cells modulate 3D collagen alignment to promote the migration of pancreatic ductal adenocarcinoma cells. Biomedical Microdevices, 2016, 18, 105.	2.8	33
10	Minocycline enhances the mesenchymal stromal/stem cell pro-healing phenotype in triple antimicrobial-loaded hydrogels. Acta Biomaterialia, 2017, 51, 184-196.	8.3	23
11	Biomaterials differentially regulate Src kinases and phosphoinositide 3-kinase-Î³ in polymorphonuclear leukocyte primary and tertiary granule release. Biomaterials, 2015, 50, 47-55.	11.4	7
12	Poly(ethylene glycol)â€“containing hydrogels modulate Î±-defensin release from polymorphonuclear leukocytes and monocyte recruitment. Journal of Biomedical Materials Research - Part A, 2015, 103, 3772-3780.	4.0	4
13	In vivo biocompatibility and biostability of modified polyurethanes. Journal of Biomedical Materials Research Part B, 1997, 36, 246-257.	3.1	2
14	Recent advances in biomedical polyurethane biostability and biodegradation. , 1998, 46, 163.		1
15	Development of a Bioinspired Stroma Model to Study the Role of Collagen Topology in Pancreatic Ductal Adenocarcinoma. Microscopy and Microanalysis, 2015, 21, 87-88.	0.4	0