Kay C Dee

List of Publications by Year in Descending Order

36 papers	1,790 citations	17 h-index	42 g-index
44 ext. papers	1,915 ext. citations	8 avg, IF	4.21 L-index

#	Paper	IF	Citations
36	Making Space for Other Voices: Hands-On, Human-Centered Design Delivered Online. *Biomedical Engineering Education*, **2021**, 1, 11-17		
35	Student Perceptions of High Course Workloads are Not Associated with Poor Student Evaluations of Instructor Performance. *Journal of Engineering Education*, **2007**, 96, 69-78	2.3	9
34	Operating curves to characterize the contraction of fibroblast-seeded collagen gel/collagen fiber composite biomaterials: effect of fiber mass. *Plastic and Reconstructive Surgery*, **2007**, 119, 508-16	2.7	2
33	Collagen composite biomaterials resist contraction while allowing development of adipocytic soft tissue in vitro. *Tissue Engineering*, **2006**, 12, 1639-49		59
32	Development of ligament-like structural organization and properties in cell-seeded collagen scaffolds in vitro. *Annals of Biomedical Engineering*, **2006**, 34, 726-36	4.7	64
31	Collagen Composite Biomaterials Resist Contraction While Allowing Development of Adipocytic Soft Tissue In Vitro. *Tissue Engineering*, **2006**, 060706073730043		1
30	Comparison of in vitro mineralization by murine embryonic and adult stem cells cultured in an osteogenic medium. *Tissue Engineering*, **2004**, 10, 1386-98		31
29	Short collagen fibers provide control of contraction and permeability in fibroblast-seeded collagen gels. *Tissue Engineering*, **2004**, 10, 421-7		38
28	"Culture shock" from the bone cell's perspective: emulating physiological conditions for mechanobiological investigations. *American Journal of Physiology - Cell Physiology*, **2004**, 287, C1527-36	5.4	31
27	Pressure gradient, not exposure duration, determines the extent of epithelial cell damage in a model of pulmonary airway reopening. *Journal of Applied Physiology*, **2004**, 97, 269-76	3.7	100
26	Biomaterials **2003**, 1-13		2
25	Mechanisms of surface-tension-induced epithelial cell damage in a model of pulmonary airway reopening. *Journal of Applied Physiology*, **2003**, 94, 770-83	3.7	254
24	The Immune System and Inflammation **2003**, 109-126		
23	Answers to Quiz Questions **2003**, 197-203		
22	Protein-Surface Interactions **2003**, 37-52		9
21	Inflammation and Infection **2003**, 89-108		3
20	Biomaterial Surfaces and the Physiological Environment **2003**, 149-172		2

19	Blood-Biomaterial Interactions and Coagulation **2003**, 53-88		1
18	Biocompatibility **2003**, 173-184		
17	A device for long term, in vitro loading of three-dimensional natural and engineered tissues. *Annals of Biomedical Engineering*, **2003**, 31, 1347-56	4.7	13
16	Mechanical characterization of collagen fibers and scaffolds for tissue engineering. *Biomaterials*, **2003**, 24, 3805-13	15.6	300
15	In vitro mineralization studies with substrate-immobilized bone morphogenetic protein peptides. *Journal of Oral Implantology*, **2003**, 29, 57-65	1.2	21
14	A jet impingement investigation of osteoblastic cell adhesion. *Journal of Biomedical Materials Research Part B*, **2002**, 62, 422-9		16
13	Research report: learning styles of biomedical engineering students. *Annals of Biomedical Engineering*, **2002**, 30, 1100-6	4.7	15
12	**2002**,		163
11	Endothelial cell migration on surfaces modified with immobilized adhesive peptides. *Biomaterials*, **2000**, 21, 1725-33	15.6	113
10	Engineering of materials for biomedical applications. *Materials Today*, **2000**, 3, 7-10	21.8	9
9	Osteoblast population migration characteristics on substrates modified with immobilized adhesive peptides. *Biomaterials*, **1999**, 20, 221-7	15.6	90
8	An assessment of the strength of NG108-15 cell adhesion to chemically modified surfaces. *Biomaterials*, **1999**, 20, 2417-25	15.6	22
7	Design and function of novel osteoblast-adhesive peptides for chemical modification of biomaterials. *Journal of Biomedical Materials Research Part B*, **1998**, 40, 371-7		203
6	Supplemental Instruction Integrated Into an Introductory Engineering Course*. *Journal of Engineering Education*, **1998**, 87, 377-383	2.3	17
5	Design and function of novel osteoblast-adhesive peptides for chemical modification of biomaterials **1998**, 40, 371		6
4	Mini-review: Proactive biomaterials and bone tissue engineering. *Biotechnology and Bioengineering*, **1996**, 50, 438-42	4.9	43
3	Conditions which promote mineralization at the bone-implant interface: a model in vitro study. *Biomaterials*, **1996**, 17, 209-15	15.6	112
2	Enhanced endothelialization of substrates modified with immobilized bioactive peptides. *Tissue Engineering*, **1995**, 1, 135-45		19

1 Cell Function on Substrates Containing Immobilized Bioactive Peptides. *Materials Research Society Symposia Proceedings*, **1993**, 331, 115 17