David W Scott

List of Publications by Year
in descending order

38 papers	1,567 citations	361413 20 h-index	330143 37 g-index
40 all docs	40 docs citations	40 times ranked	1912 citing authors

#	Article	IF	Citations
1	Correlation of nuclear pIGF-1R/IGF-1R and YAP/TAZ in a tissue microarray with outcomes in osteosarcoma patients. Oncotarget, 2022, 13, 521-533.	1.8	4
2	Robust Multiple Regression. Entropy, 2021, 23, 88.	2.2	3
3	Effect of 3D Printing Temperature on Bioactivity of Bone Morphogenetic Protein-2 Released from Polymeric Constructs. Annals of Biomedical Engineering, 2021, 49, 2114-2125.	2.5	5
4	Swelling Behaviors of 3D Printed Hydrogel and Hydrogel-Microcarrier Composite Scaffolds. Tissue Engineering - Part A, 2021, 27, 665-678.	3.1	19
5	Multimaterial Dual Gradient Three-Dimensional Printing for Osteogenic Differentiation and Spatial Segregation. Tissue Engineering - Part A, 2020, 26, 239-252.	3.1	23
6	3D Tissue-Engineered Tumor Model for Ewingâ€™s Sarcoma That Incorporates Bone-like ECM and Mineralization. ACS Biomaterials Science and Engineering, 2020, 6, 539-552.	5.2	12
7	Chondrogenesis of cocultures of mesenchymal stem cells and articular chondrocytes in poly(l-lysine)-loaded hydrogels. Journal of Controlled Release, 2020, 328, 710-721.	9.9	12
8	Mechanically tunable coaxial electrospun models of YAP/TAZ mechanoresponse and IGF-1R activation in osteosarcoma. Acta Biomaterialia, 2019, 100, 38-51.	8.3	33
9	Fabrication and mechanical characterization of 3D printed vertical uniform and gradient scaffolds for bone and osteochondral tissue engineering. Acta Biomaterialia, 2019, 90, 37-48.	8.3	172
10	Nonparametric density estimation for highâ€dimensional dataâ€”Algorithms and applications. Wiley Interdisciplinary Reviews: Computational Statistics, 2019, 11, e1461.	3.9	37
11	Robust forecast aggregation: Fourier L₂E regression. Journal of Forecasting, 2018, 37, 259-268.	2.8	9
12	Incorporation of fast dissolving glucose porogens and poly(lactic-co-glycolic acid) microparticles within calcium phosphate cements for bone tissue regeneration. Acta Biomaterialia, 2018, 78, 341-350.	8.3	28
13	Examining the Carnegie Classification Methodology for Research Universities. Statistics and Public Policy (Philadelphia, Pa), 2018, 5, 1-12.	1.6	24
14	Synthesis and Characterization of Diol-Based Unsaturated Polyesters: Poly(diol fumarate) and Poly(diol fumarate-co-succinate). Biomacromolecules, 2017, 18, 1724-1735.	5.4	19
15	Polymer-Based Local Antibiotic Delivery for Prevention of Polymicrobial Infection in Contaminated Mandibular Implants. ACS Biomaterials Science and Engineering, 2016, 2, 558-566.	5.2	17
16	Extrusion-Based 3D Printing of Poly(propylene fumarate) in a Full-Factorial Design. ACS Biomaterials Science and Engineering, 2016, 2, 1771-1780.	5.2	85
17	Biodegradable, phosphate-containing, dual-gelling macromers for cellular delivery in bone tissue engineering. Biomaterials, 2015, 67, 286-296.	11.4	46
18	Technical Report: Correlation Between the Repair of Cartilage and Subchondral Bone in an Osteochondral Defect Using Bilayered, Biodegradable Hydrogel Composites. Tissue Engineering - Part C: Methods, 2015, 21, 1216-1225.	2.1	13

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19	A factorial analysis of the combined effects of hydrogel fabrication parameters on the in vitro swelling and degradation of oligo(poly(ethylene glycol) fumarate) hydrogels. Journal of Biomedical Materials Research - Part A, 2014, 102, 3477-3487.	4.0	29
20	Boxâ€“Muller transformation. Wiley Interdisciplinary Reviews: Computational Statistics, 2011, 3, 177-179.	3.9	17
21	Machine learning, data mining, and computational statistics applications. Wiley Interdisciplinary Reviews: Computational Statistics, 2011, 3, 187-187.	3.9	0
22	Scott's rule. Wiley Interdisciplinary Reviews: Computational Statistics, 2010, 2, 497-502.	3.9	68
23	Averaged shifted histogram. Wiley Interdisciplinary Reviews: Computational Statistics, 2010, 2, 160-164.	3.9	26
24	Histogram. Wiley Interdisciplinary Reviews: Computational Statistics, 2010, 2, 44-48.	3.9	18
25	WIREs is a WINNER. Wiley Interdisciplinary Reviews: Computational Statistics, 2010, 2, 127-127.	3.9	0
26	Introducing WIREs Computational Statistics. Wiley Interdisciplinary Reviews: Computational Statistics, 2009, 1, 1-2.	3.9	2
27	Sturges' rule. Wiley Interdisciplinary Reviews: Computational Statistics, 2009, 1, 303-306.	3.9	125
28	The L2E method. Wiley Interdisciplinary Reviews: Computational Statistics, 2009, 1, 45-51.	3.9	6
29	Smoothed Histograms for Frequency Data on Irregular Intervals. American Statistician, 2008, 62, 256-261.	1.6	7
30	Spatial evaluation of alternative nonpoint nutrient regulatory instruments. Water Resources Research, 2003, 39, .	4.2	17
31	Parametric Statistical Modeling by Minimum Integrated Square Error. Technometrics, 2001, 43, 274-285.	1.9	169
32	From Kernels to Mixtures. Technometrics, 2001, 43, 323-335.	1.9	63
33	On Locally Adaptive Density Estimation. Journal of the American Statistical Association, 1996, 91, 1525-1534.	3.1	95
34	On Locally Adaptive Density Estimation. Journal of the American Statistical Association, 1996, 91, 1525.	3.1	35
35	TheL₁Method for Robust Nonparametric Regression. Journal of the American Statistical Association, 1994, 89, 65-76.	3.1	61
36	Cross-Validation of Multivariate Densities. Journal of the American Statistical Association, 1994, 89, 807-817.	3.1	162

#	Article	IF	Citations
37	Cross-Validation of Multivariate Densities. Journal of the American Statistical Association, 1994, 89, 807.	3.1	33
38	The Mode Tree: A Tool for Visualization of Nonparametric Density Features. Journal of Computational and Graphical Statistics, 1993, 2, 51-68.	1.7	66