James G Lefevre

List of Publications by Year
in descending order

32 papers	948 citations	840119 11 h-index	476904 29 g-index
34 all docs	34 docs citations	34 times ranked	1302 citing authors

#	Article	IF	Citations
1	Interpretable deep learning systems for multi-class segmentation and classification of non-melanoma skin cancer. Medical Image Analysis, 2021, 68, 101915.	7.0	85
2	Non-melanoma skin cancer segmentation for histopathology dataset. Data in Brief, 2021, 39, 107587.	0.5	9
3	Nephron progenitor commitment is a stochastic process influenced by cell migration. ELife, 2019, 8, .	2.8	47
4	Branching morphogenesis in the developing kidney is not impacted by nephron formation or integration. ELife, 2018, 7, .	2.8	25
5	Self-organisation after embryonic kidney dissociation is driven via selective adhesion of ureteric epithelial cells.. Development (Cambridge), 2017, 144, 1087-1096.	1.2	22
6	Branching morphogenesis in the developing kidney is governed by rules that pattern the ureteric tree. Development (Cambridge), 2017, 144, 4377-4385.	1.2	24
7	Analysed cap mesenchyme track data from live imaging of mouse kidney development. Data in Brief, 2016, 9, 149-154.	0.5	2
8	Cap mesenchyme cell swarming during kidney development is influenced by attraction, repulsion, and adhesion to the ureteric tip. Developmental Biology, 2016, 418, 297-306.	0.9	71
9	A spatially-averaged mathematical model of kidney branching morphogenesis. Journal of Theoretical Biology, 2015, 379, 24-37.	0.8	22
10	Comparing and distinguishing the structure of biological branching. Journal of Theoretical Biology, 2015, 365, 226-237.	0.8	10
11	Further biembeddings of twofold triple systems. Ars Mathematica Contemporanea, 2015, 8, 267-273.	0.3	1
12	An integrated pipeline for the multidimensional analysis of branching morphogenesis. Nature Protocols, 2014, 9, 2859-2879.	5.5	44
13	Cyclic Biembeddings of Twofold Triple Systems. Annals of Combinatorics, 2014, 18, 57-74.	0.3	2
14	Cortical F-actin stabilization generates apicalâ€"lateral patterns of junctional contractility that integrate cells into epithelia. Nature Cell Biology, 2014, 16, 167-178.	4.6	199
15	Global Quantification of Tissue Dynamics in the Developing Mouse Kidney. Developmental Cell, 2014, 29, 188-202.	3.1	225
16	Modelling cell turnover in a complex tissue during development. Journal of Theoretical Biology, 2013, 338, 66-79.	0.8	10
17	Independent Contrasts and PGLS Regression Estimators Are Equivalent. Systematic Biology, 2012, 61, 382-391.	2.7	103
18	Defining Sets of Full Designs with Block Size Three II. Annals of Combinatorics, 2012, 16, 507-515.	0.3	4

#	Article	IF	Citations
19	Self-embeddings of cyclic and projective Steiner quasigroups. Journal of Combinatorial Designs, 2011, 19, 16-27.	0.3	2
20	Multi-latin squares. Discrete Mathematics, 2011, 311, 1164-1171.	0.4	4
21	On Parity Vectors of Latin Squares. Graphs and Combinatorics, 2010, 26, 673-684.	0.2	1
22	Quarter-regular biembeddings of Latin squares. Discrete Mathematics, 2010, 310, 692-699.	0.4	4
23	On defining sets of full designs. Discrete Mathematics, 2010, 310, 3000-3006.	0.4	3
24	On Defining Sets of Full Designs with Block Size Three. Graphs and Combinatorics, 2009, 25, 825-839.	0.2	6
25	A constraint on the biembedding of Latin squares. European Journal of Combinatorics, 2009, 30, 380-386.	0.5	7
26	The volume and foundation of star trades. Discrete Mathematics, 2008, 308, 2059-2066.	0.4	2
27	On the spectrum of critical sets in latin squares of order 2n. Journal of Combinatorial Designs, 2008, 16, 25-43.	0.3	5
28	Graphical trades. Bulletin of the Australian Mathematical Society, 2006, 73, 477-478.	0.3	0
29	Some equitably 3-colourable cycle decompositions of complete equipartite graphs. Discrete Mathematics, 2005, 297, 60-77.	0.4	1
30	Trade Spectrum of K4 âˆ' e. Graphs and Combinatorics, 2005, 21, 475-488.	0.2	3
31	Steiner trade spectra of complete partite graphs. Discrete Mathematics, 2004, 288, 89-98.	0.4	0
32	Some equitably 3-colourable cycle decompositions. Discrete Mathematics, 2004, 284, 21-35.	0.4	4