

# James G Lefevre

## List of Publications by Year in descending order

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32  
papers

948  
citations

840119

11  
h-index

476904

29  
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34  
all docs

34  
docs citations

34  
times ranked

1302  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Quantification of Tissue Dynamics in the Developing Mouse Kidney. <i>Developmental Cell</i> , 2014, 29, 188-202.	3.1	225
2	Cortical F-actin stabilization generates apical-lateral patterns of junctional contractility that integrate cells into epithelia. <i>Nature Cell Biology</i> , 2014, 16, 167-178.	4.6	199
3	Independent Contrasts and PGLS Regression Estimators Are Equivalent. <i>Systematic Biology</i> , 2012, 61, 382-391.	2.7	103
4	Interpretable deep learning systems for multi-class segmentation and classification of non-melanoma skin cancer. <i>Medical Image Analysis</i> , 2021, 68, 101915.	7.0	85
5	Cap mesenchyme cell swarming during kidney development is influenced by attraction, repulsion, and adhesion to the ureteric tip. <i>Developmental Biology</i> , 2016, 418, 297-306.	0.9	71
6	Nephron progenitor commitment is a stochastic process influenced by cell migration. <i>ELife</i> , 2019, 8, .	2.8	47
7	An integrated pipeline for the multidimensional analysis of branching morphogenesis. <i>Nature Protocols</i> , 2014, 9, 2859-2879.	5.5	44
8	Branching morphogenesis in the developing kidney is not impacted by nephron formation or integration. <i>ELife</i> , 2018, 7, .	2.8	25
9	Branching morphogenesis in the developing kidney is governed by rules that pattern the ureteric tree. <i>Development (Cambridge)</i> , 2017, 144, 4377-4385.	1.2	24
10	A spatially-averaged mathematical model of kidney branching morphogenesis. <i>Journal of Theoretical Biology</i> , 2015, 379, 24-37.	0.8	22
11	Self-organisation after embryonic kidney dissociation is driven via selective adhesion of ureteric epithelial cells. <i>Development (Cambridge)</i> , 2017, 144, 1087-1096.	1.2	22
12	Modelling cell turnover in a complex tissue during development. <i>Journal of Theoretical Biology</i> , 2013, 338, 66-79.	0.8	10
13	Comparing and distinguishing the structure of biological branching. <i>Journal of Theoretical Biology</i> , 2015, 365, 226-237.	0.8	10
14	Non-melanoma skin cancer segmentation for histopathology dataset. <i>Data in Brief</i> , 2021, 39, 107587.	0.5	9
15	A constraint on the biembedding of Latin squares. <i>European Journal of Combinatorics</i> , 2009, 30, 380-386.	0.5	7
16	On Defining Sets of Full Designs with Block Size Three. <i>Graphs and Combinatorics</i> , 2009, 25, 825-839.	0.2	6
17	On the spectrum of critical sets in latin squares of order $2n$ . <i>Journal of Combinatorial Designs</i> , 2008, 16, 25-43.	0.3	5
18	Some equitably 3-colourable cycle decompositions. <i>Discrete Mathematics</i> , 2004, 284, 21-35.	0.4	4

#	ARTICLE	IF	CITATIONS
19	Quarter-regular biembeddings of Latin squares. <i>Discrete Mathematics</i> , 2010, 310, 692-699.	0.4	4
20	Multi-latin squares. <i>Discrete Mathematics</i> , 2011, 311, 1164-1171.	0.4	4
21	Defining Sets of Full Designs with Block Size Three II. <i>Annals of Combinatorics</i> , 2012, 16, 507-515.	0.3	4
22	Trade Spectrum of $K_4$ $\hat{=}$ e. <i>Graphs and Combinatorics</i> , 2005, 21, 475-488.	0.2	3
23	On defining sets of full designs. <i>Discrete Mathematics</i> , 2010, 310, 3000-3006.	0.4	3
24	The volume and foundation of star trades. <i>Discrete Mathematics</i> , 2008, 308, 2059-2066.	0.4	2
25	Self-embeddings of cyclic and projective Steiner quasigroups. <i>Journal of Combinatorial Designs</i> , 2011, 19, 16-27.	0.3	2
26	Cyclic Biembeddings of Twofold Triple Systems. <i>Annals of Combinatorics</i> , 2014, 18, 57-74.	0.3	2
27	Analysed cap mesenchyme track data from live imaging of mouse kidney development. <i>Data in Brief</i> , 2016, 9, 149-154.	0.5	2
28	Some equitably 3-colourable cycle decompositions of complete equipartite graphs. <i>Discrete Mathematics</i> , 2005, 297, 60-77.	0.4	1
29	On Parity Vectors of Latin Squares. <i>Graphs and Combinatorics</i> , 2010, 26, 673-684.	0.2	1
30	Further biembeddings of twofold triple systems. <i>Ars Mathematica Contemporanea</i> , 2015, 8, 267-273.	0.3	1
31	Steiner trade spectra of complete partite graphs. <i>Discrete Mathematics</i> , 2004, 288, 89-98.	0.4	0
32	Graphical trades. <i>Bulletin of the Australian Mathematical Society</i> , 2006, 73, 477-478.	0.3	0