

Benjamin D Simons

List of Publications by Year in descending order

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229
papers

21,796
citations

10986

71
h-index

11607

135
g-index

248
all docs

248
docs citations

248
times ranked

23403
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of spatial and single-cell transcriptomic data elucidates mouse organogenesis. <i>Nature Biotechnology</i> , 2022, 40, 74-85.	17.5	152
2	ASCL1 phosphorylation and ID2 upregulation are roadblocks to glioblastoma stem cell differentiation. <i>Scientific Reports</i> , 2022, 12, 2341.	3.3	18
3	Transitional Anal Cells Mediate Colonic Re-epithelialization in Colitis. <i>Gastroenterology</i> , 2022, 162, 1975-1989.	1.3	10
4	p57Kip2 imposes the reserve stem cell state of gastric chief cells. <i>Cell Stem Cell</i> , 2022, 29, 826-839.e9.	11.1	17
5	Retrograde movements determine effective stem cell numbers in the intestine. <i>Nature</i> , 2022, 607, 548-554.	27.8	26
6	Stem Cell Populations as Self-Renewing Many-Particle Systems. <i>Annual Review of Condensed Matter Physics</i> , 2021, 12, 135-153.	14.5	9
7	Behavior and lineage progression of neural progenitors in the mammalian cortex. <i>Current Opinion in Neurobiology</i> , 2021, 66, 144-157.	4.2	30
8	Long-term self-renewing stem cells in the adult mouse hippocampus identified by intravital imaging. <i>Nature Neuroscience</i> , 2021, 24, 225-233.	14.8	87
9	Three-dimensional model of glioblastoma by co-culturing tumor stem cells with human brain organoids. <i>Biology Open</i> , 2021, 10, .	1.2	18
10	Stochastic combinations of actin regulatory proteins are sufficient to drive filopodia formation. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	22
11	Distinct progenitor behavior underlying neocortical gliogenesis related to tumorigenesis. <i>Cell Reports</i> , 2021, 34, 108853.	6.4	31
12	A biomechanical switch regulates the transition towards homeostasis in oesophageal epithelium. <i>Nature Cell Biology</i> , 2021, 23, 511-525.	10.3	29
13	Early stem cell aging in the mature brain. <i>Cell Stem Cell</i> , 2021, 28, 955-966.e7.	11.1	78
14	High proliferation and delamination during skin epidermal stratification. <i>Nature Communications</i> , 2021, 12, 3227.	12.8	23
15	Tracing oncogene-driven remodelling of the intestinal stem cell niche. <i>Nature</i> , 2021, 594, 442-447.	27.8	56
16	Secreted inhibitors drive the loss of regeneration competence in <i>Xenopus</i> limbs. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	20
17	Transient suppression of transplanted spermatogonial stem cell differentiation restores fertility in mice. <i>Cell Stem Cell</i> , 2021, 28, 1443-1456.e7.	11.1	20
18	Release of Notch activity coordinated by IL-1 β signalling confers differentiation plasticity of airway progenitors via <i>Fosl2</i> during alveolar regeneration. <i>Nature Cell Biology</i> , 2021, 23, 953-966.	10.3	37

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19	Visualization of individual cell division history in complex tissues using iCOUNT. <i>Cell Stem Cell</i> , 2021, 28, 2020-2034.e12.	11.1	14
20	A multistate stem cell dynamics maintains homeostasis in mouse spermatogenesis. <i>Cell Reports</i> , 2021, 37, 109875.	6.4	16
21	Tracing the cellular basis of islet specification in mouse pancreas. <i>Nature Communications</i> , 2020, 11, 5037.	12.8	14
22	Mechanisms of stretch-mediated skin expansion at single-cell resolution. <i>Nature</i> , 2020, 584, 268-273.	27.8	113
23	OP9â€¦Single Cell RNA-sequencing reveals novel targets with a potential role in vascular regeneration in the ischaemic adult heart. , 2020, , .		0
24	Lineage hierarchies and stochasticity ensure the long-term maintenance of adult neural stem cells. <i>Science Advances</i> , 2020, 6, eaaz5424.	10.3	37
25	Cardelino: computational integration of somatic clonal substructure and single-cell transcriptomes. <i>Nature Methods</i> , 2020, 17, 414-421.	19.0	48
26	Stem cell lineage survival as a noisy competition for niche access. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16969-16975.	7.1	29
27	Long-term expansion, genomic stability and in vivo safety of adult human pancreas organoids. <i>BMC Developmental Biology</i> , 2020, 20, 4.	2.1	67
28	Tracing the Dynamics of Stem Cell Fate. <i>Cold Spring Harbor Perspectives in Biology</i> , 2020, 12, a036202.	5.5	26
29	Defining the Design Principles of Skin Epidermis Postnatal Growth. <i>Cell</i> , 2020, 181, 604-620.e22.	28.9	65
30	Defining the Identity and Dynamics of Adult Gastric Isthmus Stem Cells. <i>Cell Stem Cell</i> , 2019, 25, 342-356.e7.	11.1	97
31	Tracing the cellular dynamics of sebaceous gland development in normal and perturbed states. <i>Nature Cell Biology</i> , 2019, 21, 924-932.	10.3	23
32	Multiscale dynamics of branching morphogenesis. <i>Current Opinion in Cell Biology</i> , 2019, 60, 99-105.	5.4	24
33	Lgr5+ stem/progenitor cells reside at the apex of a heterogeneous embryonic hepatoblast pool. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	51
34	Single-cell transcriptome analyses reveal novel targets modulating cardiac neovascularization by resident endothelial cells following myocardial infarction. <i>European Heart Journal</i> , 2019, 40, 2507-2520.	2.2	149
35	Tracing the origin of adult intestinal stem cells. <i>Nature</i> , 2019, 570, 107-111.	27.8	107
36	Identification of a regeneration-organizing cell in the <i>Xenopus</i> tail. <i>Science</i> , 2019, 364, 653-658.	12.6	108

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37	Intratumoral Genetic and Functional Heterogeneity in Pediatric Glioblastoma. <i>Cancer Research</i> , 2019, 79, 2111-2123.	0.9	28
38	Crypt fusion as a homeostatic mechanism in the human colon. <i>Gut</i> , 2019, 68, 1986-1993.	12.1	28
39	A single-cell molecular map of mouse gastrulation and early organogenesis. <i>Nature</i> , 2019, 566, 490-495.	27.8	658
40	Mutations in thyroid hormone receptor $\beta 1$ cause premature neurogenesis and progenitor cell depletion in human cortical development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22754-22763.	7.1	27
41	Competition for Mitogens Regulates Spermatogenic Stem Cell Homeostasis in an Open Niche. <i>Cell Stem Cell</i> , 2019, 24, 79-92.e6.	11.1	105
42	Metabolic regulation of pluripotency and germ cell fate through α -ketoglutarate. <i>EMBO Journal</i> , 2019, 38, .	7.8	77
43	The proneural wave in the <i>Drosophila</i> optic lobe is driven by an excitable reaction-diffusion mechanism. <i>ELife</i> , 2019, 8, .	6.0	14
44	Universality of clone dynamics during tissue development. <i>Nature Physics</i> , 2018, 14, 469-474.	16.7	37
45	Live imaging of neurogenesis in the adult mouse hippocampus. <i>Science</i> , 2018, 359, 658-662.	12.6	259
46	Defining murine organogenesis at single-cell resolution reveals a role for the leukotriene pathway in regulating blood progenitor formation. <i>Nature Cell Biology</i> , 2018, 20, 127-134.	10.3	112
47	Troy+ brain stem cells cycle through quiescence and regulate their number by sensing niche occupancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E610-E619.	7.1	138
48	Predominant Asymmetrical Stem Cell Fate Outcome Limits the Rate of Niche Succession in Human Colonic Crypts. <i>EBioMedicine</i> , 2018, 31, 166-173.	6.1	19
49	A niche of trophoblast progenitor cells identified by integrin $\alpha 2$ is present in first trimester human placentas. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	54
50	Muscle Stem Cells Exhibit Distinct Clonal Dynamics in Response to Tissue Repair and Homeostatic Aging. <i>Cell Stem Cell</i> , 2018, 22, 119-127.e3.	11.1	68
51	Statistical theory of branching morphogenesis. <i>Development Growth and Differentiation</i> , 2018, 60, 512-521.	1.5	8
52	Extreme value statistics of mutation accumulation in renewing cell populations. <i>Physical Review E</i> , 2018, 98, .	2.1	2
53	Neurogenin3 phosphorylation controls reprogramming efficiency of pancreatic ductal organoids into endocrine cells. <i>Scientific Reports</i> , 2018, 8, 15374.	3.3	18
54	The developmental origin of brain tumours: a cellular and molecular framework. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	97

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55	Clonal analysis of Notch1-expressing cells reveals the existence of unipotent stem cells that retain long-term plasticity in the embryonic mammary gland. <i>Nature Cell Biology</i> , 2018, 20, 677-687.	10.3	112
56	Defining Lineage Potential and Fate Behavior of Precursors during Pancreas Development. <i>Developmental Cell</i> , 2018, 46, 360-375.e5.	7.0	38
57	Genome-Scale Oscillations in DNA Methylation during Exit from Pluripotency. <i>Cell Systems</i> , 2018, 7, 63-76.e12.	6.2	70
58	Identity and dynamics of mammary stem cells during branching morphogenesis. <i>Nature</i> , 2017, 542, 313-317.	27.8	157
59	Defining stem cell dynamics and migration during wound healing in mouse skin epidermis. <i>Nature Communications</i> , 2017, 8, 14684.	12.8	273
60	Long-term, hormone-responsive organoid cultures of human endometrium in a chemically defined medium. <i>Nature Cell Biology</i> , 2017, 19, 568-577.	10.3	442
61	Multi-site Neurogenin3 Phosphorylation Controls Pancreatic Endocrine Differentiation. <i>Developmental Cell</i> , 2017, 41, 274-286.e5.	7.0	67
62	Emergence and universality in the regulation of stem cell fate. <i>Current Opinion in Systems Biology</i> , 2017, 5, 57-62.	2.6	7
63	A Unifying Theory of Branching Morphogenesis. <i>Cell</i> , 2017, 171, 242-255.e27.	28.9	138
64	Fate mapping of human glioblastoma reveals an invariant stem cell hierarchy. <i>Nature</i> , 2017, 549, 227-232.	27.8	321
65	Multipotent Basal Stem Cells, Maintained in Localized Proximal Niches, Support Directed Long-Ranging Epithelial Flows in Human Prostates. <i>Cell Reports</i> , 2017, 20, 1609-1622.	6.4	64
66	Defining the clonal dynamics leading to mouse skin tumour initiation. <i>Nature</i> , 2016, 536, 298-303.	27.8	104
67	2D and 3D Stem Cell Models of Primate Cortical Development Identify Species-Specific Differences in Progenitor Behavior Contributing to Brain Size. <i>Cell Stem Cell</i> , 2016, 18, 467-480.	11.1	292
68	Extensive Proliferation of a Subset of Differentiated, yet Plastic, Medial Vascular Smooth Muscle Cells Contributes to Neointimal Formation in Mouse Injury and Atherosclerosis Models. <i>Circulation Research</i> , 2016, 119, 1313-1323.	4.5	317
69	Tracing cellular dynamics in tissue development, maintenance and disease. <i>Current Opinion in Cell Biology</i> , 2016, 43, 38-45.	5.4	39
70	A single dividing cell population with imbalanced fate drives oesophageal tumour growth. <i>Nature Cell Biology</i> , 2016, 18, 967-978.	10.3	57
71	Uncovering the Number and Clonal Dynamics of Mesp1 Progenitors during Heart Morphogenesis. <i>Cell Reports</i> , 2016, 14, 1-10.	6.4	91
72	Dynamic heterogeneity as a strategy of stem cell self-renewal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7509-7514.	7.1	54

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73	Quantitative lineage tracing strategies to resolve multipotency in tissue-specific stem cells. <i>Genes and Development</i> , 2016, 30, 1261-1277.	5.9	131
74	Inhibition of β -catenin signalling in dermal fibroblasts enhances hair follicle regeneration during wound healing. <i>Development (Cambridge)</i> , 2016, 143, 2522-35.	2.5	114
75	Human keratinocytes have two interconvertible modes of proliferation. <i>Nature Cell Biology</i> , 2016, 18, 145-156.	10.3	74
76	Reply to Martincorena et al.: Evidence for constrained positive selection of cancer mutations in normal skin is lacking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1130-1.	7.1	11
77	The ciliary marginal zone of the zebrafish retina: clonal and time-lapse analysis of a continuously growing tissue. <i>Development (Cambridge)</i> , 2016, 143, 1099-107.	2.5	60
78	Deep sequencing as a probe of normal stem cell fate and preneoplasia in human epidermis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 128-133.	7.1	52
79	Fluctuation and commensurability effect of exciton density wave. <i>Physical Review B</i> , 2015, 91, .	3.2	15
80	The Independent Probabilistic Firing of Transcription Factors: A Paradigm for Clonal Variability in the Zebrafish Retina. <i>Developmental Cell</i> , 2015, 34, 532-543.	7.0	37
81	Dynamics of Lgr6 + Progenitor Cells in the Hair Follicle, Sebaceous Gland, and Interfollicular Epidermis. <i>Stem Cell Reports</i> , 2015, 5, 843-855.	4.8	87
82	Clonal Dynamics Reveal Two Distinct Populations of Basal Cells in Slow-Turnover Airway Epithelium. <i>Cell Reports</i> , 2015, 12, 90-101.	6.4	154
83	The human squamous oesophagus has widespread capacity for clonal expansion from cells at diverse stages of differentiation. <i>Gut</i> , 2015, 64, 11-19.	12.1	51
84	Dynamic stem cell heterogeneity. <i>Development (Cambridge)</i> , 2015, 142, 1396-1406.	2.5	105
85	Stem and progenitor cell division kinetics during postnatal mouse mammary gland development. <i>Nature Communications</i> , 2015, 6, 8487.	12.8	64
86	Cell Competition Modifies Adult Stem Cell and Tissue Population Dynamics in a JAK-STAT-Dependent Manner. <i>Developmental Cell</i> , 2015, 34, 297-309.	7.0	71
87	Neutral competition of stem cells is skewed by proliferative changes downstream of Hh and Hpo. <i>EMBO Journal</i> , 2014, 33, 2295-2313.	7.8	77
88	Deterministic Progenitor Behavior and Unitary Production of Neurons in the Neocortex. <i>Cell</i> , 2014, 159, 775-788.	28.9	354
89	Exclusive multipotency and preferential asymmetric divisions in post-embryonic neural stem cells of the fish retina. <i>Development (Cambridge)</i> , 2014, 141, 3472-3482.	2.5	64
90	Intestinal crypt homeostasis revealed at single-stem-cell level by in vivo live imaging. <i>Nature</i> , 2014, 507, 362-365.	27.8	431

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91	Mouse Spermatogenic Stem Cells Continually Interconvert between Equipotent Singly Isolated and Syncytial States. <i>Cell Stem Cell</i> , 2014, 14, 658-672.	11.1	244
92	Differentiation imbalance in single oesophageal progenitor cells causes clonal immortalization and a field change. <i>Nature Cell Biology</i> , 2014, 16, 612-619.	10.3	154
93	Fermionic Superradiance in a Transversely Pumped Optical Cavity. <i>Physical Review Letters</i> , 2014, 112, 143002.	7.8	86
94	Early lineage restriction in temporally distinct populations of Mesp1 progenitors during mammalian heart development. <i>Nature Cell Biology</i> , 2014, 16, 829-840.	10.3	255
95	Quantification of Crypt and Stem Cell Evolution in the Normal and Neoplastic Human Colon. <i>Cell Reports</i> , 2014, 8, 940-947.	6.4	179
96	Biased competition between Lgr5 intestinal stem cells driven by oncogenic mutation induces clonal expansion. <i>EMBO Reports</i> , 2014, 15, 62-69.	4.5	203
97	Unravelling stem cell dynamics by lineage tracing. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 489-502.	37.0	231
98	Distinct fibroblast lineages determine dermal architecture in skin development and repair. <i>Nature</i> , 2013, 504, 277-281.	27.8	946
99	Stem cell renewal theory turns 60. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 754-754.	37.0	0
100	Getting Your Gut into Shape. <i>Science</i> , 2013, 342, 203-204.	12.6	10
101	Self-Renewal of Single Mouse Hematopoietic Stem Cells Is Reduced by JAK2V617F Without Compromising Progenitor Cell Expansion. <i>PLoS Biology</i> , 2013, 11, e1001576.	5.6	77
102	Holographic Superfluids and the Dynamics of Symmetry Breaking. <i>Physical Review Letters</i> , 2013, 110, 015301.	7.8	107
103	Lineage tracing in humans reveals stochastic homeostasis of airway epithelium resulting from neutral competition of basal cell progenitors. <i>Thorax</i> , 2013, 68, A68.1-A68.	5.6	0
104	Stochastic homeostasis in human airway epithelium is achieved by neutral competition of basal cell progenitors. <i>ELife</i> , 2013, 2, e00966.	6.0	105
105	<i>Drosophila</i> midgut homeostasis involves neutral competition between symmetrically dividing intestinal stem cells. <i>EMBO Journal</i> , 2012, 31, 2473-2485.	7.8	158
106	Discrete symmetry breaking transitions between paired superfluids. <i>Physical Review A</i> , 2012, 85, .	2.5	18
107	Multipotent and unipotent progenitors contribute to prostate postnatal development. <i>Nature Cell Biology</i> , 2012, 14, 1131-1138.	10.3	193
108	A Single Progenitor Population Switches Behavior to Maintain and Repair Esophageal Epithelium. <i>Science</i> , 2012, 337, 1091-1093.	12.6	272

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109	Distinct contribution of stem and progenitor cells to epidermal maintenance. Nature, 2012, 489, 257-262.	27.8	494
110	How Variable Clones Build an Invariant Retina. Neuron, 2012, 75, 786-798.	8.1	217
111	Defining the mode of tumour growth by clonal analysis. Nature, 2012, 488, 527-530.	27.8	662
112	Dynamics of nonequilibrium Dicke models. Physical Review A, 2012, 85, .	2.5	159
113	Strategies for Homeostatic Stem Cell Self-Renewal in Adult Tissues. Cell, 2011, 145, 851-862.	28.9	441
114	Stem cell self-renewal in intestinal crypt. Experimental Cell Research, 2011, 317, 2719-2724.	2.6	138
115	Magnetic properties of the second Mott lobe in pairing Hamiltonians. Physical Review A, 2011, 84, .	2.5	4
116	Ising Deconfinement Transition between Feshbach-Resonant Superfluids. Physical Review Letters, 2011, 106, 015303.	7.8	26
117	Patterning as a signature of human epidermal stem cell regulation. Journal of the Royal Society Interface, 2011, 8, 1815-1824.	3.4	13
118	Universal patterns of stem cell fate in cycling adult tissues. Development (Cambridge), 2011, 138, 3103-3111.	2.5	295
119	Reconstruction of rat retinal progenitor cell lineages in vitro reveals a surprising degree of stochasticity in cell fate decisions. Development (Cambridge), 2011, 138, 227-235.	2.5	139
120	Quantum phase transitions in bosonic heteronuclear pairing Hamiltonians. Physical Review A, 2010, 82, .	2.5	6
121	Bose-Hubbard models coupled to cavity light fields. Physical Review A, 2010, 81, .	2.5	28
122	Magnetic analog of the Fulde-Ferrell-Larkin-Ovchinnikov phase in $Sr_3Ru_2O_7$. Physical Review B, 2010, 81, .	3.2	22
123	Exciton front propagation in photoexcited GaAs quantum wells. Physical Review B, 2010, 81, .	3.2	24
124	Collective Dynamics of Bose-Einstein Condensates in Optical Cavities. Physical Review Letters, 2010, 105, 043001.	7.8	135
125	Stochastic fate of p53-mutant epidermal progenitor cells is tilted toward proliferation by UV B during preneoplasia. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 270-275.	7.1	106
126	Intestinal Stem Cell Replacement Follows a Pattern of Neutral Drift. Science, 2010, 330, 822-825.	12.6	578

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127	The Ordered Architecture of Murine Ear Epidermis Is Maintained by Progenitor Cells with Random Fate. <i>Developmental Cell</i> , 2010, 18, 317-323.	7.0	221
128	Intestinal Crypt Homeostasis Results from Neutral Competition between Symmetrically Dividing Lgr5 Stem Cells. <i>Cell</i> , 2010, 143, 134-144.	28.9	1,679
129	Mouse Germ Line Stem Cells Undergo Rapid and Stochastic Turnover. <i>Cell Stem Cell</i> , 2010, 7, 214-224.	11.1	216
130	Theory of quantum paraelectrics and the metaelectric transition. <i>Physical Review B</i> , 2010, 81, .	3.2	15
131	Probing ultracold Fermi atoms with a single ion. <i>Physical Review A</i> , 2009, 79, .	2.5	18
132	Feshbach Resonance in Optical Lattices and the Quantum Ising Model. <i>Physical Review Letters</i> , 2009, 103, 265302.	7.8	13
133	Inhomogeneous Magnetic Phases: A Fulde-Ferrell-Larkin-Ovchinnikov-Like Phase in $\text{Sr}_3\text{Ru}_2\text{O}_7$. <i>Physical Review Letters</i> , 2009, 102, 136404.	7.8	42
134	Repulsive Atomic Gas in a Harmonic Trap on the Border of Itinerant Ferromagnetism. <i>Physical Review Letters</i> , 2009, 103, 200403.	7.8	47
135	Polaritons and Pairing Phenomena in Bose-Hubbard Mixtures. <i>Physical Review Letters</i> , 2009, 102, 135301.	7.8	38
136	Publisher's Note: Inhomogeneous Magnetic Phases: A Fulde-Ferrell-Larkin-Ovchinnikov-Like Phase in $\text{Sr}_3\text{Ru}_2\text{O}_7$ [Phys. Rev. Lett. 102, 136404 (2009)]. <i>Physical Review Letters</i> , 2009, 102, .	7.8	0
137	Itinerant ferromagnetism in an atomic Fermi gas: Influence of population imbalance. <i>Physical Review A</i> , 2009, 79, .	2.5	48
138	Magnetic Properties of an Antiferromagnetic d-Wave Singlet and $\text{d}+\text{i}f_2$ -Triplet Superconductor. <i>Journal of Superconductivity and Novel Magnetism</i> , 2009, 22, 115-118.	1.8	6
139	Inhomogeneous Phase Formation on the Border of Itinerant Ferromagnetism. <i>Physical Review Letters</i> , 2009, 103, 207201.	7.8	153
140	Novel Quantum Condensates in Excitonic Matter. , 2009, , .		0
141	Coexistence of spin density wave, d-wave singlet and staggered $\text{d}+\text{i}f_2$ -triplet superconductivity. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 434235.	1.8	40
142	Mechanism of murine epidermal maintenance: Cell division and the voter model. <i>Physical Review E</i> , 2008, 77, 031907.	2.1	31
143	Superfluidity at the BEC-BCS crossover in two-dimensional Fermi gases with population and mass imbalance. <i>Physical Review A</i> , 2008, 77, .	2.5	54
144	OPINION: Epidermal homeostasis: do committed progenitors work while stem cells sleep?. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 82-88.	37.0	51

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145	Graphite intercalation compounds under pressure: A first-principles density functional theory study. <i>Physical Review B</i> , 2007, 75, .	3.2	35
146	Polarized Fermi Condensates with Unequal Masses: Tuning the Tricritical Point. <i>Physical Review Letters</i> , 2007, 98, 160402.	7.8	70
147	Kinetics of cell division in epidermal maintenance. <i>Physical Review E</i> , 2007, 76, 021910.	2.1	73
148	Sic Transit Gloria: Farewell to the Epidermal Transit Amplifying Cell?. <i>Cell Stem Cell</i> , 2007, 1, 371-381.	11.1	152
149	Finite-temperature phase diagram of a polarized Fermi condensate. <i>Nature Physics</i> , 2007, 3, 124-128.	16.7	180
150	In Brief. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 853-853.	37.0	46
151	Transformation of spin information into large electrical signals using carbon nanotubes. <i>Nature</i> , 2007, 445, 410-413.	27.8	325
152	A single type of progenitor cell maintains normal epidermis. <i>Nature</i> , 2007, 446, 185-189.	27.8	756
153	Mixing of order parameters by particle-hole asymmetry, magnetic fields and impurities in fermionic systems: An interesting example. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 428-429.	2.7	0
154	Condensation and lasing of microcavity polaritons: comparison between two models. <i>Solid State Communications</i> , 2005, 134, 111-115.	1.9	11
155	Pattern formation in exciton system near quantum degeneracy. <i>Solid State Communications</i> , 2005, 134, 51-57.	1.9	7
156	The role of the interlayer state in the electronic structure of superconducting graphite intercalated compounds. <i>Nature Physics</i> , 2005, 1, 42-45.	16.7	255
157	Phase Bifurcation and Quantum Fluctuations in Sr ₃ Ru ₂ O ₇ . <i>Physical Review Letters</i> , 2005, 95, 086402.	7.8	38
158	Dynamics of the BCS-BEC Crossover in a Degenerate Fermi Gas. <i>Physical Review Letters</i> , 2005, 94, 170402.	7.8	54
159	Fermion-mediated BCS-BEC crossover in ultracold K ₄₀ gases: Mean-field theory and collective modes. <i>Physical Review A</i> , 2005, 71, .	2.5	3
160	Fermion-Mediated BCS-BEC Crossover in Ultracold K ₄₀ Gases. <i>Physical Review Letters</i> , 2005, 94, .	7.8	9
161	Pattern Formation as a Signature of Quantum Degeneracy in a Cold Exciton System. <i>Physical Review Letters</i> , 2005, 94, 176404.	7.8	59
162	Effects of disorder on coexistence and competition between superconducting and insulating states. <i>Physical Review B</i> , 2005, 71, .	3.2	7

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163	Critical states in disordered superconducting films. <i>Journal of Physics A</i> , 2004, 37, L447-L452.	1.6	4
164	Formation Mechanism and Low-Temperature Instability of Exciton Rings. <i>Physical Review Letters</i> , 2004, 92, 117404.	7.8	120
165	Models of coherent exciton condensation. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S3597-S3620.	1.8	87
166	Condensation of cavity polaritons in a disordered environment. <i>Physical Review B</i> , 2004, 70, .	3.2	21
167	Localization from \tilde{f} -model geodesics. <i>Physical Review B</i> , 2004, 70, .	3.2	20
168	Polariton condensation and lasing in optical microcavities: The decoherence-driven crossover. <i>Physical Review A</i> , 2003, 68, .	2.5	28
169	Parametric statistics of individual energy levels in random Hamiltonians. <i>Physical Review E</i> , 2003, 67, 025202.	2.1	6
170	Universality of parametric spectral correlations: Local versus extended perturbing potentials. <i>Physical Review E</i> , 2003, 68, 036217.	2.1	9
171	Parametric spectral statistics in unitary random matrix ensembles: from distribution functions to intra-level correlations. <i>Journal of Physics A</i> , 2003, 36, 3551-3567.	1.6	11
172	Parametric Spectral Correlations in Disordered and Chaotic Structures. <i>Physical Review Letters</i> , 2002, 88, 256808.	7.8	8
173	Phase coherence phenomena in superconducting films. <i>Physical Review B</i> , 2002, 65, .	3.2	1
174	Tail states in disordered superconductors with magnetic impurities: the unitarity limit. <i>Journal of Physics A</i> , 2002, 35, 4201-4217.	1.6	11
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