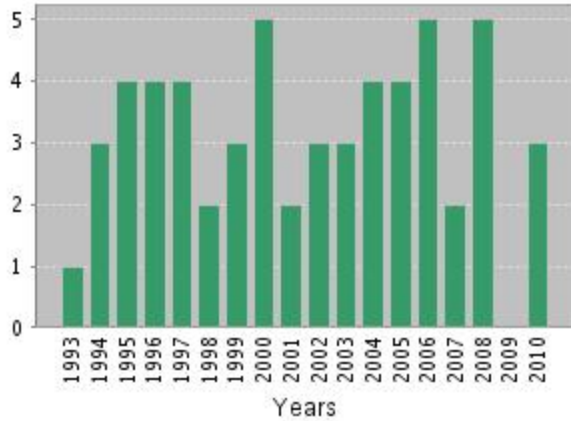


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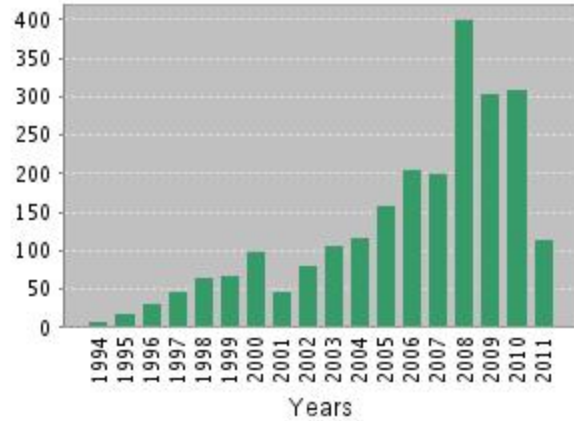
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Results found: 57

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Average Citations per Item: 41.98

h-index: 24

2007	2008	2009	2010	2011	Total	Average Citations per Year
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200	400	304	309	116	2,393	125.95
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|----|--|----|-----|-----|-----|----|-----|-------|
| 1. | Author(s): VICSEK, T; CZIROK, A; BENJACOB, E; et al.
Title: NOVEL TYPE OF PHASE-TRANSITION IN A SYSTEM OF SELF-DRIVEN PARTICLES
Source: PHYSICAL REVIEW LETTERS, 75 (6): 1226-1229 AUG 7 1995
ISSN: 0031-9007 | 74 | 179 | 131 | 158 | 63 | 830 | 48.82 |
| 2. | Author(s): BENJACOB, E; SCHOCHET, O; TENENBAUM, A; et al.
Title: GENERIC MODELING OF COOPERATIVE GROWTH-PATTERNS IN BACTERIAL COLONIES | 9 | 14 | 16 | 14 | 5 | 266 | 14.78 |

	2007	2008	2009	2010	2011	Total	Average Citations per Year	
	200	400	304	309	116	2,393	125.95	
Source: NATURE, 368 (6466): 46-49 MAR 3 1994								
ISSN: 0028-0836								
3.	Author(s): Czirik, A; Stanley, HE; Vicsek, T	6	12	14	7	1	87	5.80
Title: Spontaneously ordered motion of self-propelled particles								
Source: JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL, 30 (5): 1375-1385 MAR 7 1997								
ISSN: 0305-4470								
4.	Author(s): Czirik, A; Vicsek, T	12	16	9	9	0	84	7.00
Title: Collective behavior of interacting self-propelled particles								
Source: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 281 (1-4): 17-29 JUN 15 2000								
ISSN: 0378-4371								
5.	Author(s): Czirik, A; BenJacob, E; Cohen, I; et al.	9	13	7	6	2	79	4.94
Title: Formation of complex bacterial colonies via self-generated vortices								
Source: PHYSICAL REVIEW E, 54 (2): 1791-1801 AUG 1996								
ISSN: 1063-651X								
6.	Author(s): Czirik, A; Barabasi, AL; Vicsek, T	3	12	10	12	1	70	5.38
Title: Collective motion of self-propelled particles: Kinetic phase transition in one dimension								
Source: PHYSICAL REVIEW LETTERS, 82 (1): 209-212 JAN 4 1999								
ISSN: 0031-9007								
7.	Author(s): BENJACOB, E; COHEN, I; SHOCHET, O; et al.	2	7	4	3	2	67	3.94
Title: COOPERATIVE FORMATION OF CHIRAL PATTERNS DURING GROWTH OF BACTERIAL COLONIES								
Source: PHYSICAL REVIEW LETTERS, 75 (15): 2899-2902 OCT 9 1995								
ISSN: 0031-9007								

	2007	2008	2009	2010	2011	Total	Average Citations per Year
	200	400	304	309	116	2,393	125.95
8. Author(s): Tw al, WO; Czirok, A; Hegedus, B; et al. Title: Fibulin-1 suppression of fibronectin-regulated cell adhesion and motility Source: JOURNAL OF CELL SCIENCE, 114 (24): 4587-4598 DEC 2001 ISSN: 0021-9533	5	6	6	3	4	52	5.20
9. Author(s): CZIROK, A; MANTEGNA, RN; HAVLIN, S; et al. Title: CORRELATIONS IN BINARY SEQUENCES AND A GENERALIZED ZIPF ANALYSIS Source: PHYSICAL REVIEW E, 52 (1): 446-452 Part A JUL 1995 ISSN: 1063-651X	2	3	3	2	2	50	2.94
10. Author(s): BenJacob, E; Cohen, I; Czirok, A; et al. Title: Chemomodulation of cellular movement, collective formation of vortices by swarming bacteria, and colonial development Source: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 238 (1-4): 181-197 APR 15 1997 ISSN: 0378-4371	1	5	3	1	3	46	3.07

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	2007	2008	2009	2010	2011	Total	Average Citations per Year
	200	400	304	309	116	2,393	125.95
11. Author(s): Czirok, A; Schlett, K; Madarasz, E; et al. Title: Exponential distribution of locomotion activity in cell cultures Source: PHYSICAL REVIEW LETTERS, 81 (14): 3038-3041 OCT 5 1998 ISSN: 0031-9007	6	3	2	5	1	44	3.14
12. Author(s): Kozel, BA; Rongish, BJ; Czirok, A; et al. Title: Elastic fiber formation: A dynamic view of extracellular matrix assembly using timer reporters Source: JOURNAL OF CELLULAR PHYSIOLOGY, 207 (1): 87-96 APR 2006 ISSN: 0021-9541	5	5	12	5	4	36	6.00
13. Author(s): Kornyei, Z; Czirok, A; Vicsek, T; et al. Title: Proliferative and migratory responses of astrocytes to in vitro injury Source: JOURNAL OF NEUROSCIENCE RESEARCH, 61 (4): 421-429 AUG 15 2000 ISSN: 0360-4012	7	3	1	2	5	36	3.00
14. Author(s): Czirok, A; Vicsek, M; Vicsek, T Title: Collective motion of organisms in three dimensions Source: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 264 (1-2): 299-304 FEB 15 1999 ISSN: 0378-4371	3	7	5	4	1	36	2.77
15. Author(s): Hegedus, B; Czirok, A; Fazekas, I; et al. Title: Locomotion and proliferation of glioblastoma cells in vitro: statistical evaluation of videomicroscopic observations Source: JOURNAL OF NEUROSURGERY, 92 (3): 428-434 MAR 2000 ISSN: 0022-3085	4	1	3	1	2	35	2.92

	2007	2008	2009	2010	2011	Total	Average Citations per Year
	200	400	304	309	116	2,393	125.95
16. Author(s): CZIROK, A; SOMFAI, E; VICSEK, T Title: EXPERIMENTAL-EVIDENCE FOR SELF-AFFINE ROUGHENING IN A MICROMODEL OF GEOMORPHOLOGICAL EVOLUTION Source: PHYSICAL REVIEW LETTERS, 71 (13): 2154-2157 SEP 27 1993 ISSN: 0031-9007	2	0	1	0	1	35	1.84
17. Author(s): Czirok, A; Rongish, BJ; Little, CD Title: Extracellular matrix dynamics during vertebrate axis formation Source: DEVELOPMENTAL BIOLOGY, 268 (1): 111-122 APR 1 2004 ISSN: 0012-1606	4	8	3	4	0	32	4.00
18. Author(s): Czirok, A; Rupp, PA; Rongish, BJ; et al. Title: Multi-field 3D scanning light microscopy of early embryogenesis Source: JOURNAL OF MICROSCOPY - OXFORD, 206: 209-217 Part 3 JUN 2002 ISSN: 0022-2720	2	7	5	4	0	32	3.20
19. Author(s): Czirok, A; Zach, J; Kozel, BA; et al. Title: Elastic fiber macro-assembly is a hierarchical, cell motion-mediated process Source: JOURNAL OF CELLULAR PHYSIOLOGY, 207 (1): 97-106 APR 2006 ISSN: 0021-9541	7	7	5	3	2	28	4.67
20. Author(s): Cohen, I; Czirok, A; BenJacob, E Title: Chemotactic-based adaptive self-organization during colonial development Source: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 233 (3-4): 678-698 DEC 1 1996 ISSN: 0378-4371	0	2	2	1	0	28	1.87

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	2007	2008	2009	2010	2011	Total	Average Citations per Year
	200	400	304	309	116	2,393	125.95
21. Author(s): Kornyei, Z; Szlavik, V; Szabo, B; et al. Title: Humoral and contact interactions in astroglia/stem cell co-cultures in the course of glia-induced neurogenesis Source: GLIA, 49 (3): 430-444 FEB 2005 ISSN: 0894-1491	5	6	4	6	2	27	3.86
22. Author(s): Zamir, EA; Czirok, A; Cui, C; et al. Title: Mesodermal cell displacements during avian gastrulation are due to both individual cell-autonomous and convective tissue movements Source: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 103 (52): 19806-19811 DEC 26 2006 ISSN: 0027-8424	1	12	4	7	2	26	5.20
23. Author(s): Sivakumar, P; Czirok, A; Rongish, BJ; et al. Title: New insights into extracellular matrix assembly and reorganization from dynamic imaging of extracellular matrix proteins in living osteoblasts Source: JOURNAL OF CELL SCIENCE, 119 (7): 1350-1360 APR 1 2006 ISSN: 0021-9533	4	12	6	1	1	25	4.17
24. Author(s): Rupp, PA; Czirok, A; Little, CD Title: alpha v beta 3 integrin-dependent endothelial cell dynamics in vivo Source: DEVELOPMENT, 131 (12): 2887-2897 JUN 2004 ISSN: 0950-1991	2	5	5	3	2	24	3.00
25. Author(s): Hegedus, B; Zach, J; Czirok, A; et al. Title: Irradiation and Taxol treatment result in non-monotonous, dose-dependent changes in the motility of glioblastoma cells	4	5	2	3	0	22	2.75

	2007	2008	2009	2010	2011	Total	Average Citations per Year
	200	400	304	309	116	2,393	125.95
<p>Source: JOURNAL OF NEURO-ONCOLOGY, 67 (1-2): 147-157 MAR-APR 2004 ISSN: 0167-594X</p>							
26. Author(s): Vicsek, T; Czirok, A; Farkas, IJ; et al.	4	4	5	2	0	21	1.75
<p>Title: Application of statistical mechanics to collective motion in biology Source: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 274 (1-2): 182-189 DEC 1 1999 ISSN: 0378-4371</p>							
27. Author(s): Zamir, EA; Czirok, A; Rongish, BJ; et al.	2	6	1	4	1	17	2.43
<p>Title: A digital image-based method for computational tissue fate mapping during early avian morphogenesis Source: ANNALS OF BIOMEDICAL ENGINEERING, 33 (6): 854-865 JUN 2005 ISSN: 0090-6964</p>							
28. Author(s): Schlett, K; Czirok, A; Tarnok, K; et al.	2	1	1	0	0	17	1.42
<p>Title: Dynamics of cell aggregation during in vitro neurogenesis by immortalized neuroectodermal progenitors Source: JOURNAL OF NEUROSCIENCE RESEARCH, 60 (2): 184-194 APR 15 2000 ISSN: 0360-4012</p>							
29. Author(s): SOMFAI, E; CZIROK, A; VICSEK, T	0	1	0	0	1	17	0.94
<p>Title: POWER-LAW DISTRIBUTION OF LANDSLIDES IN AN EXPERIMENT ON THE EROSION OF A GRANULAR PILE Source: JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL, 27 (20): L757-L763 OCT 21 1994 ISSN: 0305-4470</p>							
30. Author(s): Czirok, A; Zamir, EA; Filla, MB; et al.	0	4	6	6	0	16	2.67
<p>Title: Extracellular matrix macroassembly dynamics in early vertebrate embryos Source: CURRENT TOPICS IN</p>							

2007	2008	2009	2010	2011	Total	Average Citations per Year
200	400	304	309	116	2,393	125.95

DEVELOPMENTAL BIOLOGY, VOL 73
Book series title: CURRENT TOPICS IN
DEVELOPMENTAL BIOLOGY , 73: 237-+
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ISSN: 0070-2153

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	2007	2008	2009	2010	2011	Total	Average Citations per Year
	200	400	304	309	116	2,393	125.95
31. Author(s): Rupp, PA; Rongish, BJ; Czirok, A; et al. Title: Culturing of avian embryos for time-lapse imaging Source: BIOTECHNIQUES, 34 (2): 274-278 FEB 2003 ISSN: 0736-6205	1	6	0	4	0	16	1.78
32. Author(s): Czirok, A; Matsushita, M; Vicsek, T Title: Theory of periodic swarming of bacteria: Application to <i>Proteus mirabilis</i> Source: PHYSICAL REVIEW E, 63 (3): Art. No. 031915 Part 1 MAR 2001 ISSN: 1063-651X	3	1	2	1	0	16	1.45
33. Author(s): Csahok, Z; Czirok, A Title: Hydrodynamics of bacterial motion Source: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 243 (3-4): 304-318 SEP 15 1997 ISSN: 0378-4371	2	4	2	2	0	16	1.07
34. Author(s): BenJacob, E; Shochet, O; Tenenbaum, A; et al. Title: Response of bacterial colonies to imposed anisotropy Source: PHYSICAL REVIEW E, 53 (2): 1835-1843 FEB 1996 ISSN: 1063-651X	0	0	0	0	0	15	0.94
35. Author(s): Szabo, A; Perryn, ED; Czirok, A Title: Network formation of tissue cells via preferential attraction to elongated structures Source: PHYSICAL REVIEW LETTERS, 98 (3): Art. No. 038102 JAN 19 2007 ISSN: 0031-9007	1	4	4	2	2	13	2.60
36. Author(s): LaRue, AC; Mironov, VA; Argraves, WS; et al. Title: Patterning of embryonic blood	1	1	3	1	0	13	1.44

2007	2008	2009	2010	2011	Total	Average Citations per Year
200	400	304	309	116	2,393	125.95

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Source: DEVELOPMENTAL DYNAMICS, 228 (1): 21-29 SEP 2003
ISSN: 1058-8388

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|---|--|
| <p>37. Author(s): Rupp, PA; Czirok, A; Little, CD
 Title: Novel approaches for the study of vascular assembly and morphogenesis in avian embryos
 Source: TRENDS IN CARDIOVASCULAR MEDICINE, 13 (7): 283-288 OCT 2003
 ISSN: 1050-1738</p> | <p>0 5 1 0 0 12 1.33</p> |
| <p>38. Author(s): Mehes, E; Czirok, A; Hegedus, B; et al.
 Title: Laminin-1 increases motility, path-searching, and process dynamism of rat and mouse Muller glial cells in vitro: Implication of relationship between cell Behavior and formation of retinal morphology
 Source: CELL MOTILITY AND THE CYTOSKELETON, 53 (3): 203-213 NOV 2002
 ISSN: 0886-1544</p> | <p>2 0 0 1 0 12 1.20</p> |
| <p>39. Author(s): Czirok, A; Janosi, IM; Kessler, JO
 Title: Bioconvective dynamics: Dependence on organism behaviour
 Source: JOURNAL OF EXPERIMENTAL BIOLOGY, 203 (21): 3345-3354 NOV 2000
 ISSN: 0022-0949</p> | <p>0 2 2 1 1 12 1.00</p> |
| <p>40. Author(s): Szabo, B; Kornyei, Z; Zach, J; et al.
 Title: Auto-reverse nuclear migration in bipolar mammalian cells on micropatterned surfaces
 Source: CELL MOTILITY AND THE CYTOSKELETON, 59 (1): 38-49 SEP 2004
 ISSN: 0886-1544</p> | <p>2 2 3 1 0 11 1.38</p> |

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	2007	2008	2009	2010	2011	Total	Average Citations per Year
	200	400	304	309	116	2,393	125.95
41. Author(s): BenJacob, E; Shochet, O; Cohen, I; et al. Title: Cooperative strategies in formation of complex bacterial patterns Source: FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY, 3 (4): 849-868 DEC 1995 ISSN: 0218-348X	0	1	1	0	0	11	0.69
42. Author(s): Perryn, ED; Czirok, A; Little, CD Title: Vascular sprout formation entails tissue deformations and VE-cadherin-dependent cell-autonomous motility Source: DEVELOPMENTAL BIOLOGY, 313 (2): 545-555 JAN 15 2008 ISSN: 0012-1606		2	1	4	1	8	2.00
43. Author(s): Czirok, A; Zamir, EA; Szabo, A; et al. Title: Multicellular sprouting during vasculogenesis Source: MULTISCALE MODELING OF DEVELOPMENTAL SYSTEMS Book series title: CURRENT TOPICS IN DEVELOPMENTAL BIOLOGY, 81: 269-+ 2008 ISSN: 0070-2153 ISBN: 978-0-12-374253-7		0	3	4	1	8	2.00
44. Author(s): CZIROK, A; SOMFAI, E; VICSEK, T Title: SELF-AFFINE ROUGHENING IN A MODEL EXPERIMENT ON EROSION IN GEOMORPHOLOGY Source: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 205 (1-3): 355-366 APR 1 1994 ISSN: 0378-4371	0	2	0	0	0	8	0.44

	2007	2008	2009	2010	2011	Total	Average Citations per Year
	200	400	304	309	116	2,393	125.95
45. Author(s): Janosi, IM; Czirok, A; Silhavy, D; et al. Title: Is bioconvection enhancing bacterial growth in quiescent environments? Source: ENVIRONMENTAL MICROBIOLOGY, 4 (9): 525-531 SEP 2002 ISSN: 1462-2912	0	1	2	1	0	7	0.70
46. Author(s): Czirok, A; Stanley, HE; Vicsek, T Title: Possible origin of power-law behavior in n-tuple Zipf analysis Source: PHYSICAL REVIEW E, 53 (6): 6371-6375 Part B JUN 1996 ISSN: 1063-651X	0	0	0	1	1	6	0.38
47. Author(s): Mehes, E; Czirok, A; Hegedus, B; et al. Title: Dystroglycan is involved in laminin-1-stimulated motility of Muller glial cells: Combined velocity and directionality analysis Source: GLIA, 49 (4): 492-500 MAR 2005 ISSN: 0894-1491	0	1	3	0	0	5	0.71
48. Author(s): Rupp, PA; Visconti, RP; Czirok, A; et al. Title: Matrix Metalloproteinase 2-Integrin alpha v beta 3 Binding Is Required for Mesenchymal Cell Invasive Activity but Not Epithelial Locomotion: A Computational Time-Lapse Study Source: MOLECULAR BIOLOGY OF THE CELL, 19 (12): 5529-5540 DEC 2008 ISSN: 1059-1524		0	0	4	0	4	1.00
49. Author(s): Szabo, A; Mehes, E; Kosa, E; et al. Title: Multicellular sprouting in vitro Source: BIOPHYSICAL JOURNAL, 95 (6): 2702-2710 SEP 15 2008 ISSN: 0006-3495		0	1	1	2	4	1.00
50. Author(s): Czirok, A; Somfai, E; Vicsek, T Title: Fractal scaling and power-law landslide distribution in a micromodel of geomorphological evolution	0	0	0	2	0	4	0.27

2007	2008	2009	2010	2011	Total	Average Citations per Year
200	400	304	309	116	2,393	125.95

Source: GEOLOGISCHE RUNDSCHAU, 86
(3): 525-530 OCT 1997
ISSN: 0016-7835

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