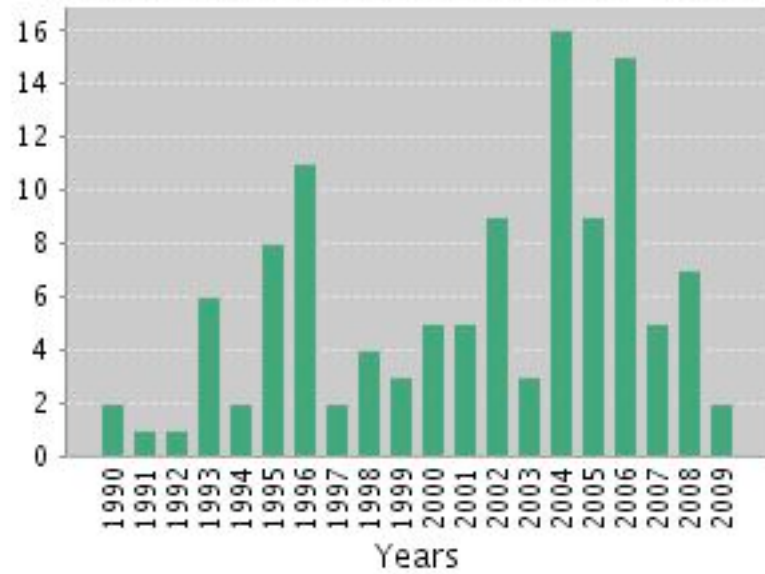


	2005	2006	2007	2008	2009	Total	Average Citations per Year
	165	217	263	306	94	1,762	88.10
1. Title: Continuous and discrete mathematical models of tumor-induced angiogenesis Author(s): Anderson ARA, Chaplain MAJ Source: BULLETIN OF MATHEMATICAL BIOLOGY Volume: 60 Issue: 5 Pages: 857-899 Published: SEP 1998	27	30	30	40	12	200	16.67
2. Title: GROWTH OF NONNECROTIC TUMORS IN THE PRESENCE AND ABSENCE OF INHIBITORS Author(s): BYRNE HM, CHAPLAIN MAJ Source: MATHEMATICAL BIOSCIENCES Volume: 130 Issue: 2 Pages: 151-181 Published: DEC 1995	12	14	13	9	5	103	6.87
3. Title: Growth of necrotic tumors in the presence and absence of inhibitors Author(s): Byrne HM, Chaplain MAJ Source: MATHEMATICAL BIOSCIENCES Volume: 135 Issue: 2 Pages: 187-216 Published: JUL 15 1996	9	8	13	9	5	92	6.57
4. Title: Avascular growth, angiogenesis and vascular growth in solid tumours: The mathematical modelling of the stages of tumour development Author(s): Chaplain MAJ Source: MATHEMATICAL AND COMPUTER MODELLING Volume: 23 Issue: 6 Pages: 47-87 Published: MAR 1996	10	8	11	11	4	69	4.93
5. Title: Mathematical modelling of flow through vascular networks: Implications for ibmour-induced angiogenesis and chemotherapy strategies Author(s): McDougall SR, Anderson ARA, Chaplain MAJ, et al. Source: BULLETIN OF MATHEMATICAL BIOLOGY Volume: 64 Issue: 4 Pages: 673-702 Published: JUL 2002	8	18	15	13	4	68	8.50
6. Title: Free boundary value problems associated with the growth and development of multicellular spheroids Author(s): Byrne HM, Chaplain MAJ Source: EUROPEAN JOURNAL OF APPLIED MATHEMATICS Volume: 8 Pages: 639-658 Part: Part 6 Published: DEC 1997	11	6	8	8	5	66	5.50
7. Title: A MODEL MECHANISM FOR THE CHEMOTACTIC RESPONSE OF ENDOTHELIAL-CELLS TO TUMOR ANGIOGENESIS FACTOR Author(s): CHAPLAIN MAJ, STUART AM Source: IMA JOURNAL OF MATHEMATICS APPLIED IN MEDICINE AND BIOLOGY Volume: 10 Issue: 3 Pages: 149-168 Published: 1993	3	4	6	3	0	61	3.59
8. Title: Modelling the role of cell-cell adhesion in the growth and development of carcinoma Author(s): Byrne HM, Chaplain MAJ Source: MATHEMATICAL AND COMPUTER MODELLING Volume: 24 Issue: 12 Pages: 1-17 Published: DEC 1996	3	7	9	7	4	60	4.62
9. Title: MATHEMATICAL-MODELS FOR TUMOR ANGIOGENESIS - NUMERICAL SIMULATIONS AND NONLINEAR-WAVE SOLUTIONS Author(s): BYRNE HM, CHAPLAIN MAJ Source: BULLETIN OF MATHEMATICAL BIOLOGY Volume: 57 Issue: 3 Pages: 461-486 Published: MAY 1995	4	6	7	8	2	59	3.93
10. Title: A new mathematical model for avascular tumour growth Author(s): Sherratt JA, Chaplain MAJ Source: JOURNAL OF MATHEMATICAL BIOLOGY Volume: 43 Issue: 4 Pages: 291-312 Published: OCT 2001	7	7	16	9	1	56	6.22

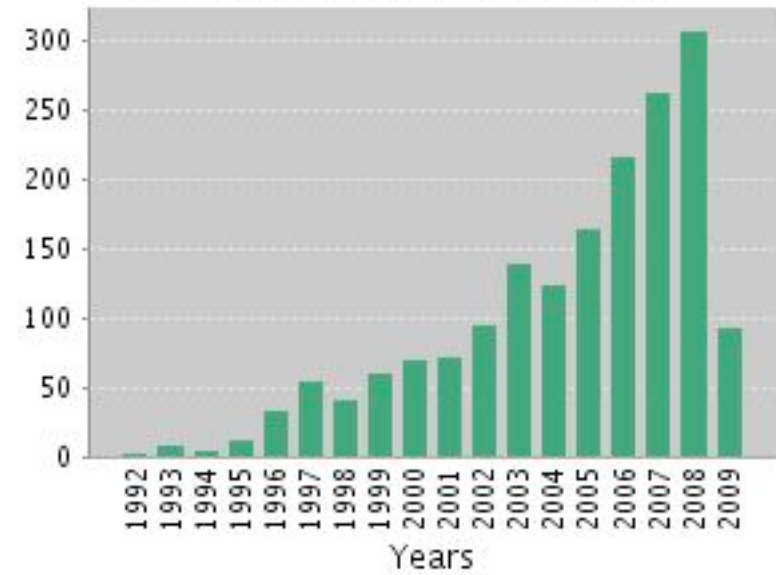
	2005	2006	2007	2008	2009	Total	Average Citations per Year
	165	217	263	306	94	1,762	88.10
11. Title: Two-dimensional models of tumour angiogenesis and anti-angiogenesis strategies Author(s): Orme ME, Chaplain MAJ Conference Information: 7th IMA Conference on Mathematics in Medicine and Biology, JUL 10-12, 1996 OXFORD, ENGLAND Source: IMA JOURNAL OF MATHEMATICS APPLIED IN MEDICINE AND BIOLOGY Volume: 14 Issue: 3 Pages: 189-205 Published: SEP 1997	2	9	2	5	1	40	3.08
12. Title: On the role of angiogenesis in wound healing Author(s): Pettet G, Chaplain MAJ, McElwain DLS, et al. Source: PROCEEDINGS OF THE ROYAL SOCIETY OF LONDON SERIES B-BIOLOGICAL SCIENCES Volume: 263 Issue: 1376 Pages: 1487-1493 Published: NOV 22 1996	0	4	5	4	1	39	2.79
13. Title: MODELING THE GROWTH OF SOLID TUMORS AND INCORPORATING A METHOD FOR THEIR CLASSIFICATION USING NONLINEAR ELASTICITY THEORY Author(s): CHAPLAIN MAJ, SLEEMAN BD Source: JOURNAL OF MATHEMATICAL BIOLOGY Volume: 31 Issue: 5 Pages: 431-473 Published: MAY 1993	3	2	2	2	3	35	2.06
14. Title: A mathematical model of the first steps of tumour-related angiogenesis: Capillary sprout formation and secondary branching Author(s): Orme ME, Chaplain MAJ Source: IMA JOURNAL OF MATHEMATICS APPLIED IN MEDICINE AND BIOLOGY Volume: 13 Issue: 2 Pages: 73-98 Published: JUN 1996	3	3	4	5	0	33	2.36
15. Title: Mathematical modelling of cancer cell invasion of tissue: The role of the urokinase plasminogen activation system Author(s): Chaplain MAJ, Lolas G Source: MATHEMATICAL MODELS & METHODS IN APPLIED SCIENCES Volume: 15 Issue: 11 Pages: 1685-1734 Published: NOV 2005	1	4	8	13	6	32	6.40
16. Title: A mathematical model for capillary network formation in the absence of endothelial cell proliferation Author(s): Anderson ARA, Chaplain MAJ Source: APPLIED MATHEMATICS LETTERS Volume: 11 Issue: 3 Pages: 109-114 Published: MAY 1998	1	1	8	5	0	31	2.58
17. Title: Mathematical modelling, simulation and prediction of tumour-induced angiogenesis Author(s): Chaplain MAJ, Anderson ARA Source: INVASION & METASTASIS Volume: 16 Issue: 4-5 Pages: 222-234 Published: JUL-OCT 1996	2	3	4	3	0	31	2.38
18. Title: A mathematical model of vascular tumour growth and invasion Author(s): Orme ME, Chaplain MAJ Source: MATHEMATICAL AND COMPUTER MODELLING Volume: 23 Issue: 10 Pages: 43-60 Published: MAY 1996	5	3	4	2	3	29	2.07
19. Title: A MATHEMATICAL-ANALYSIS OF A MODEL FOR TUMOR ANGIOGENESIS Author(s): CHAPLAIN MAJ, GILES SM, SLEEMAN BD, et al. Source: JOURNAL OF MATHEMATICAL BIOLOGY Volume: 33 Issue: 7 Pages: 744-770 Published: AUG 1995	2	2	1	1	1	29	1.93
20. Title: Mathematical modelling of angiogenesis Author(s): Chaplain MAJ Source: JOURNAL OF NEURO-ONCOLOGY Volume: 50 Issue: 1-2 Pages: 37-51 Published: OCT 2000	5	3	7	7	1	28	3.11

	2005	2006	2007	2008	2009	Total	Average Citations per Year
	165	217	263	306	94	1,762	88.10
21. Title: Does breast cancer exist in a state of chaos? Author(s): Baum M, Chaplain MAJ, Anderson ARA, et al. Source: EUROPEAN JOURNAL OF CANCER Volume: 35 Issue: 6 Pages: 886-891 Published: JUN 1999	3	0	2	2	0	28	2.55
22. Title: Spatio-temporal pattern formation on spherical surfaces: numerical simulation and application to solid tumour growth Author(s): Chaplain MAJ, Ganesh M, Graham IG Source: JOURNAL OF MATHEMATICAL BIOLOGY Volume: 42 Issue: 5 Pages: 387-423 Published: MAY 2001	4	3	3	4	0	27	3.00
23. Title: The mathematical modelling of tumour angiogenesis and invasion Author(s): Chaplain MAJ Conference Information: XIVth Seminar of the French-Society-for-Theoretical-Biology, JUN, 1994 SAINT FLOUR, FRANCE Source: ACTA BIOTHEORETICA Volume: 43 Issue: 4 Pages: 387-402 Published: DEC 1995	3	3	2	2	1	26	1.86
24. Title: Mathematical modelling of dynamic adaptive tumour-induced angiogenesis: Clinical implications and therapeutic targeting strategies Author(s): McDougall SR, Anderson ARA, Chaplain MAJ Source: JOURNAL OF THEORETICAL BIOLOGY Volume: 241 Issue: 3 Pages: 564-589 Published: AUG 7 2006	0	0	8	11	5	24	6.00
25. Title: Mathematical modelling of flow in 2D and 3D vascular networks: Applications to anti-angiogenic and chemotherapeutic drug strategies Author(s): Stephanou A, McDougall SR, Anderson ARA, et al. Source: MATHEMATICAL AND COMPUTER MODELLING Volume: 41 Issue: 10 Pages: 1137-1156 Published: MAY 2005	0	6	6	8	3	23	4.60
26. Title: A QUALITATIVE-ANALYSIS OF SOME MODELS OF TISSUE-GROWTH Author(s): BRITTON NF, CHAPLAIN MAJ Source: MATHEMATICAL BIOSCIENCES Volume: 113 Issue: 1 Pages: 77-89 Published: JAN 1993	2	3	2	0	0	21	1.24
27. Title: A MATHEMATICAL-MODEL FOR THE DIFFUSION OF TUMOR ANGIOGENESIS FACTOR INTO THE SURROUNDING HOST TISSUE Author(s): CHAPLAIN MAJ, STUART AM Source: IMA JOURNAL OF MATHEMATICS APPLIED IN MEDICINE AND BIOLOGY Volume: 8 Issue: 3 Pages: 191-220 Published: 1991	1	0	3	0	0	21	1.17
28. Title: ON THE CONCENTRATION PROFILE OF A GROWTH-INHIBITORY FACTOR IN MULTICELL SPHEROIDS Author(s): CHAPLAIN MAJ, BRITTON NF Source: MATHEMATICAL BIOSCIENCES Volume: 115 Issue: 2 Pages: 233-243 Published: JUN 1993	0	1	1	0	0	19	1.12
29. Title: Travelling fronts in a food-limited population model with time delay Author(s): Gourley SA, Chaplain MAJ Source: PROCEEDINGS OF THE ROYAL SOCIETY OF EDINBURGH SECTION A-MATHEMATICS Volume: 132 Pages: 75-89 Part: Part 1 Published: 2002	2	4	7	3	0	18	2.25
30. Title: THE DEVELOPMENT OF A SPATIAL PATTERN IN A MODEL FOR CANCER GROWTH Author(s): CHAPLAIN MAJ Conference Information: NATO Advanced Research Workshop on Biological Pattern Formation, AUG 27-31, 1992 UNIV OXFORD, MERTON COLL, OXFORD, ENGLAND Source: EXPERIMENTAL AND THEORETICAL ADVANCES IN BIOLOGICAL PATTERN FORMATION Book Series: NATO ADVANCED SCIENCE INSTITUTES SERIES, SERIES A, LIFE SCIENCES Volume: 259 Pages: 45-59 Published: 1993	0	3	2	3	0	18	1.12

Published Items in Each Year



Citations in Each Year



Results found: 116

Sum of the Times Cited : 1,762

Average Citations per Item: 15.19

h-index: 24