

# Robert J Sacker

## List of Publications by Year in descending order

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36  
papers

1,648  
citations

566801

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h-index

360668

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g-index

38  
all docs

38  
docs citations

38  
times ranked

413  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bifurcation in the almost periodic $\lambda$ -Ricker map. Discrete and Continuous Dynamical Systems - Series B, 2022, 27, 1263.	0.5	0
2	A New Metric Yielding a Richer Class of Unbounded Functions Having Compact Hulls in the Shift Flow. Journal of Dynamics and Differential Equations, 2021, 33, 833-848.	1.0	2
3	Bifurcation in the almost periodic Ricker map. Journal of Difference Equations and Applications, 2019, 25, 599-618.	0.7	2
4	Attenuation in the almost periodic Beverton-Holt equation. Journal of Difference Equations and Applications, 2019, 25, 542-547.	0.7	1
5	Almost periodicity, Ricker map, Beverton-Holt map and others, a general method. Journal of Difference Equations and Applications, 2017, 23, 1286-1297.	0.7	5
6	Global stability in the 2D Ricker equation revisited. Discrete and Continuous Dynamical Systems - Series B, 2017, 22, 585-604.	0.5	8
7	Global stability in the 2D Ricker equation. Journal of Difference Equations and Applications, 2015, 21, 1068-1081.	0.7	21
8	On a discrete selection-mutation model. Journal of Difference Equations and Applications, 2014, 20, 1383-1403.	0.7	5
9	Periodic unimodal Allee maps, the semigroup property and the $\lambda$ -Ricker map with Allee effect. Discrete and Continuous Dynamical Systems - Series B, 2014, 19, 589-606.	0.5	1
10	Resonance and attenuation in the $n$ -periodic Beverton-Holt equation. Journal of Difference Equations and Applications, 2013, 19, 1174-1191.	0.7	4
11	An invariance theorem for mappings. Journal of Difference Equations and Applications, 2012, 18, 163-166.	0.7	3
12	Difference equations with the Allee effect and the periodic Sigmoid Beverton-Holt equation revisited. Journal of Biological Dynamics, 2012, 6, 1019-1033.	0.8	13
13	A Note: An Invariance Theorem for Mappings II. Journal of Dynamics and Differential Equations, 2012, 24, 595-599.	1.0	2
14	Global stability in a multi-species periodic Leslie-Gower model. Journal of Biological Dynamics, 2011, 5, 549-562.	0.8	6
15	A conjecture on the stability of the periodic solutions of Ricker's equation with periodic parameters. Applied Mathematics and Computation, 2010, 217, 1213-1219.	1.4	16
16	Semigroups of maps and periodic difference equations. Journal of Difference Equations and Applications, 2010, 16, 1-13.	0.7	8
17	Population models with Allee effect: a new model. Journal of Biological Dynamics, 2010, 4, 397-408.	0.8	71
18	On invariant surfaces and bifurcation of periodic solutions of ordinary differential equations. Journal of Difference Equations and Applications, 2009, 15, 759-774.	0.7	15

#	ARTICLE	IF	CITATIONS
19	Introduction to the 2009 re-publication of the "Neimark-Sacker bifurcation theorem". Journal of Difference Equations and Applications, 2009, 15, 753-758.	0.7	14
20	Neimark-Sacker bifurcation. Scholarpedia Journal, 2008, 3, 1845.	0.3	15
21	A note on periodic Ricker maps. Journal of Difference Equations and Applications, 2007, 13, 89-92.	0.7	33
22	Dynamic reduction with applications to mathematical biology and other areas. Journal of Biological Dynamics, 2007, 1, 437-453.	0.8	11
23	Periodic difference equations, population biology and the Cushing-Henson conjectures. Mathematical Biosciences, 2006, 201, 195-207.	0.9	49
24	Global stability of periodic orbits of non-autonomous difference equations and population biology. Journal of Differential Equations, 2005, 208, 258-273.	1.1	97
25	The Stochastic Beverton-Holt Equation and the M. Neubert Conjecture. Journal of Dynamics and Differential Equations, 2005, 17, 825-844.	1.0	17
26	Nonautonomous Beverton-Holt equations and the Cushing-Henson conjectures. Journal of Difference Equations and Applications, 2005, 11, 337-346.	0.7	74
27	Global Asymptotic Stability in the Jia Li Model for Genetically Altered mosquitoes. , 2005, , .		4
28	A New Approach to Cycling in a 2-locus 2-allele Genetic Model. Journal of Difference Equations and Applications, 2003, 9, 441-448.	0.7	15
29	A spectral theory for linear differential systems. Journal of Differential Equations, 1978, 27, 320-358.	1.1	420
30	Existence of dichotomies and invariant splittings for linear differential systems IV. Journal of Differential Equations, 1978, 27, 106-137.	1.1	32
31	Lifting properties in skew-product flows with applications to differential equations. Memoirs of the American Mathematical Society, 1977, 11, 0-0.	0.5	82
32	Existence of dichotomies and invariant splittings for linear differential systems, II. Journal of Differential Equations, 1976, 22, 478-496.	1.1	162
33	Existence of dichotomies and invariant splittings for linear differential systems, III. Journal of Differential Equations, 1976, 22, 497-522.	1.1	100
34	Existence of dichotomies and invariant splittings for linear differential systems I. Journal of Differential Equations, 1974, 15, 429-458.	1.1	210
35	Skew-product flows, finite extensions of minimal transformation groups and almost periodic differential equations. Bulletin of the American Mathematical Society, 1973, 79, 802-806.	3.0	14
36	A new approach to the perturbation theory of invariant surfaces. Communications on Pure and Applied Mathematics, 1965, 18, 717-732.	1.2	114