Amos Zemel

List of Publications by Year
in descending order

82 papers	1,753 citations	279798 23 h-index	330143 37 g-index
82 all docs	82 docs citations	82 times ranked	861 citing authors

#	Article	IF	Citations
1	Dynamic and Stochastic Analysis of Environmental and Natural Resources. , 2021, , 1435-1454.		0
2	Resource Management Under Catastrophic Threats. Annual Review of Resource Economics, 2021, 13, 403-425.	3.7	4
3	Water policy guidelines: A comprehensive approach. Water Resources and Economics, 2018, 23, 1-13.	2.2	12
4	Dynamic and Stochastic Analysis of Environmental and Natural Resources. , 2018, , 1-21.		0
5	Steady state properties of multiâ€state economic models. Canadian Journal of Economics, 2017, 50, 506-521.	1.2	3
6	Coping with Multiple Catastrophic Threats. Environmental and Resource Economics, 2017, 68, 175-196.	3.2	7
7	Policy tradeoffs under risk of abrupt climate change. Journal of Economic Behavior and Organization, 2016, 132, 46-55.	2.0	9
8	The Management of Fragile Resources: A Long Term Perspective. Environmental and Resource Economics, 2016, 65, 639-655.	3.2	11
9	Adaptation, mitigation and risk: An analytic approach. Journal of Economic Dynamics and Control, 2015, 51, 133-147.	1.6	40
10	Steady-state properties in a class of dynamic models. Journal of Economic Dynamics and Control, 2014, 39, 165-177.	1.6	13
11	Dynamic and Stochastic Analysis of Environmental and Natural Resources. , 2014, , 929-949.		4
12	Uncertain Climate Policy and the Green Paradox. Dynamic Modeling and Econometrics in Economics and Finance, 2014, , 155-168.	0.5	5
13	Precaution under mixed uncertainty: Implications for environmental management. Resources and Energy Economics, 2012, 34, 188-197.	2.5	18
14	Announcing climate policy: Can a green paradox arise without scarcity?. Journal of Environmental Economics and Management, 2012, 64, 364-376.	4.7	123
15	Regime shifts and uncertainty in pollution control. Journal of Economic Dynamics and Control, 2012, 36, 939-950.	1.6	81
16	On the dynamics of competing energy sources. Automatica, 2011, 47, 1357-1365.	5.0	23
17	Endogenous Discounting and Climate Policy. Environmental and Resource Economics, 2009, 44, 507-520.	3.2	30
18	Irrigation production functions with waterâ€capital substitution. Agricultural Economics (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	3.9	14

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19	The effect of recycling price uncertainty on municipal waste management choices. Journal of Environmental Management, 2009, 90, 3599-3606.	7.8	28
20	On turnpike solutions of some optimal growth problems*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 82-84.	0.4	0
21	Regulating environmental threats. Environmental and Resource Economics, 2008, 39, 297-310.	3.2	39
22	Towards endogenous recombinant growth. Journal of Economic Dynamics and Control, 2007, 31, 3459-3477.	1.6	22
23	Bio-economic resource management under threats of environmental catastrophes. Ecological Research, 2007, 22, 431-438.	1.5	11
24	On the Dynamics of Knowledge-Based Economic Growth. Journal of Optimization Theory and Applications, 2007, 135, 101-115.	1.5	4
25	Bio-economic resource management under threats of environmental catastrophes. , 2007, , 431-438.		0
26	Welfare measurement under threats of environmental catastrophes. Journal of Environmental Economics and Management, 2006, 52, 421-429.	4.7	14
27	Characterizing Dynamic Irrigation Policies Via Greenâ€™s Theorem. , 2005, , 105-117.		4
28	Scarcity, growth and R&D. Journal of Environmental Economics and Management, 2005, 49, 484-499.	4.7	58
29	The Negev Radiation Survey. Journal of Solar Energy Engineering, Transactions of the ASME, 2004, 126, 906-914.	1.8	17
30	Optimal dynamic irrigation schemes. Optimal Control Applications and Methods, 2004, 25, 91-106.	2.1	30
31	Endangered aquifers: Groundwater management under threats of catastrophic events. Water Resources Research, 2004, 40, .	4.2	47
32	Optimal transition to backstop substitutes for nonrenewable resources. Journal of Economic Dynamics and Control, 2003, 27, 551-572.	1.6	61
33	The Regulation of Environmental Innovations. Journal of Environmental Economics and Management, 2002, 44, 242-260.	4.7	13
34	Resource exploitation, biodiversity loss and ecological events. , 2001, , 115-130.		1
35	The infinite horizon dynamic optimization problem revisited: A simple method to determine equilibrium states. European Journal of Operational Research, 2001, 131, 482-490.	5.7	24
36	On Conducting Simultaneous Versus Sequential Engineering Activities in Risky R&D. International Transactions in Operational Research, 2001, 8, 585-601.	2.7	7

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37	Josef Bertrand Catches Some Ants: Unbiased Random Trajectories for the Simulation of Position Effects in Groups. Journal of Theoretical Biology, 2000, 207, 299-303.	1.7	6
38	Long-term perspective on the development of solar energy. Solar Energy, 2000, 68, 379-392.	6.1	25
39	R&D policies for desalination technologies. Agricultural Economics (United Kingdom), 2000, 24, 73-85.	3.9	15
40	Pollution control in an uncertain environment. Journal of Economic Dynamics and Control, 1998, 22, 967-975.	1.6	84
41	Trans-Boundary Water Projects and Political Uncertainty. , 1998, , 279-295.		4
42	On Event Uncertainty and Renewable Resource Management. , 1997, , 283-298.		3
43	Accounting for global warming risks: Resource management under event uncertainty. Journal of Economic Dynamics and Control, 1996, 20, 1289-1305.	1.6	127
44	Inter-group competition and stable group sizes. Animal Behaviour, 1995, 50, 485-488.	1.9	25
45	Uncertainty and Irreversibility in Groundwater Resource Management. Journal of Environmental Economics and Management, 1995, 29, 149-161.	4.7	111
46	ENDANGERED SPECIES AND NATURAL RESOURCE EXPLOITATION: EXTINCTION VS. COEXISTENCE. Natural Resource Modelling, 1994, 8, 389-413.	2.0	22
47	Site-independent algorithm for obtaining the direct beam insolation from a multipyranometer instrument. Solar Energy, 1993, 50, 53-57.	6.1	24
48	Dust-induced degradation of pyranometer sensitivity. Solar Energy, 1993, 50, 483-486.	6.1	10
49	Correction schemes for solar sensors with multiple time constants. Solar Energy, 1993, 51, 377-382.	6.1	2
50	Thermodynamic Analysis of Latent Heat Storage in a Shell-and-Tube Heat Exchanger. Journal of Solar Energy Engineering, Transactions of the ASME, 1992, 114, 93-99.	1.8	19
51	Thermal performance of lived-in passive solar buildings: 1â€"Education center at Sede Boqer, Israel. International Journal of Ambient Energy, 1992, 13, 41-48.	2.5	1
52	STOCHASTIC ENERGY DEMAND AND THE STABILIZATION VALUE OF ENERGY STORAGE. Natural Resource Modelling, 1992, 6, 435-447.	2.0	3
53	A multipyranometer instrument for obtaining the solar beam and diffuse components, and the irradiance on inclined planes. Solar Energy, 1992, 48, 253-259.	6.1	12
54	Validation of models for global irradiance on inclined planes. Solar Energy, 1992, 48, 59-66.	6.1	28

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55	Irreversible thermodynamics of phase change heat transfer: Basic principles and applications to latent heat storage. Open Systems and Information Dynamics, 1992, 1, 423-458.	1.2	8
56	Accurate field calibration of pyranometers. Solar Energy, 1992, 49, 489-492.	6.1	12
57	Low-profile solar water heaters: The mirror booster problem revisited. Solar Energy, 1988, 40, 385-390.	6.1	6
58	New perturbation method for planar phaseâ€change processes with timeâ€dependent boundary conditions. Journal of Applied Physics, 1987, 62, 4375-4381.	2.5	11
59	Solute transfer and extraction from trickle irrigation source: The effective hemisphere model. Water Resources Research, 1987, 23, 2091-2096.	4.2	0
60	A method for monitoring insolation in remote regions. Solar Energy, 1987, 38, 327-333.	6.1	19
61	Infiltration and Water Extraction from Trickle Irrigation Source: The Effective Hemisphere Model. Soil Science Society of America Journal, 1986, 50, 882-887.	2.2	42
62	Lifetime measurements of excited levels in prompt fission products of 252Cf. Nuclear Physics A, 1986, 454, 213-225.	1.5	37
63	E0transitions inKr82. Physical Review C, 1985, 31, 1483-1489.	2.9	11
64	Prealignment B(E2)-anomaly in 124Xe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 133, 9-12.	4.1	23
65	The effect of the Z = 64 subshell on IBA calculations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 126, 145-147.	4.1	6
66	Low-spin states in even Po and Rn isotopes and the interplay between collective and quasiparticle configurations. Physical Review C, 1983, 27, 2311-2316.	2.9	12
67	Measurement of nuclear magnetic moments and the tilted-multifoil interaction. Physical Review C, 1982, 25, 1525-1533.	2.9	11
68	Magnetic moments at backbending and spectroscopy of 134Ce. Nuclear Physics A, 1982, 383, 165-188.	1.5	44
69	Magnetic moment of the 19/2+ isomer in135Ce. Zeitschrift FÃ¼r Physik A, 1982, 304, 269-272.	1.4	12
70	The g-factor of the 8+ yrast level in 84Sr via a tilted multi-foil experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 105, 119-124.	4.1	36
71	Polarized hyperfine interaction in the tilted foil geometry: The Sm?Nd region at v/c?0.01. Hyperfine Interactions, 1981, 9, 181-186.	0.5	9
72	Hyperfine interaction and g-factor measurements in Er isotopes. Nuclear Physics A, 1980, 344, 176-184.	1.5	4

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73	Polarization of excited nuclear levels induced by atomic orientation. Hyperfine Interactions, 1980, 8, 19-27.	0.5	7
74	Two neutron-dominated 10+ states in 134Ce. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 97, 351-354.	4.1	22
75	Magnetic moments of the21+levels inZr92andZr94. Physical Review C, 1980, 22, 1065-1067.	2.9	7
76	Magnetic moments of the21+levels in even Sn isotopes. Physical Review C, 1980, 22, 97-100.	2.9	20
77	Band crossing in the interacting boson model. Physical Review C, 1980, 22, 937-940.	2.9	40
78	Magnetic Moments in Calcium Isotopes via a Surface-Interaction Experiment. Physical Review Letters, 1979, 43, 326-330.	7.8	24
79	Magnetic decoupling of the hyperfine interaction of18F ions recoiling in vacuum. Hyperfine Interactions, 1978, 4, 183-187.	0.5	2
80	Magnetic Hyperfine Rotation of aÎ³-Ray Angular Distribution Due to Target Tilting. Physical Review Letters, 1977, 38, 221-224.	7.8	20
81	Application of the Scherer-Blume theory to the intermediate ionization regime. Hyperfine Interactions, 1977, 3, 125-133.	0.5	8
82	On theI-dependence of fluctuating hyperfine fields. Hyperfine Interactions, 1976, 2, 395-398.	0.5	2