Jafar Al-Omari

List of Publications by Year
in descending order

11 papers	**326** citations	1307594 **7** h-index	1281871 **11** g-index
11 all docs	**11** docs citations	**11** times ranked	**180** citing authors

#	Article	IF	Citations
1	Monotone travelling fronts in an age-structured reaction-diffusion model of a single species. Journal of Mathematical Biology, 2002, 45, 294-312.	1.9	103
2	Stability and Traveling Fronts in Lotka-Volterra Competition Models with Stage Structure. SIAM Journal on Applied Mathematics, 2003, 63, 2063-2086.	1.8	61
3	A nonlocal reaction-diffusion model for a single species with stage structure and distributed maturation delay. European Journal of Applied Mathematics, 2005, 16, 37-51.	2.9	51
4	Dynamics of a stage-structured population model incorporating a state-dependent maturation delay. Nonlinear Analysis: Real World Applications, 2005, 6, 13-33.	1.7	30
5	Monotone wave-fronts in a structured population model with distributed maturation delay. IMA Journal of Applied Mathematics, 2005, 70, 858-879.	1.6	28
6	Global stability in a structured population competition model with distributed maturation delay and harvesting. Nonlinear Analysis: Real World Applications, 2011, 12, 1485-1499.	1.7	16
7	The effect of state dependent delay and harvesting on a stage-structured predator–prey model. Applied Mathematics and Computation, 2015, 271, 142-153.	2.2	16
8	A stage-structured predator–prey model with distributed maturation delay and harvesting. Journal of Biological Dynamics, 2015, 9, 278-287.	1.7	7
9	A New Version of the Generalized Krätzel-Fox Integral Operators. Mathematics, 2018, 6, 222.	2.2	7
10	Some extensions of a certain integral transform to a quotient space of generalized functions. Open Mathematics, 2015, 13, .	1.0	5
11	Dynamics of a harvested stage–structured predator–prey model with distributed maturation delay. Mathematical Methods in the Applied Sciences, 2022, 45, 761-769.	2.3	2