StanisÅ‚aw Walczak

List of Publications by Year
in descending order

26 papers	171 citations	1478505 6 h-index	1125743 13 g-index
26 all docs	26 docs citations	26 times ranked	95 citing authors

#	Article	IF	Citations
1	An Extremum Principle for Smooth Problems. Games, 2020, 11, 56.	0.6	3
2	Existence of optimal control for an integro‐differential Bolza problem. Optimal Control Applications and Methods, 2020, 41, 1604-1615.	2.1	3
3	Lagrange problem for fractional ordinary elliptic system via Dubovitskii–Milyutin method. Nonlinear Analysis: Modelling and Control, 2020, 25, .	1.6	1
4	Necessary optimality conditions for an integro-differential Bolza problem via Dubovitskii-Milyutin method. Discrete and Continuous Dynamical Systems - Series B, 2019, 24, 2281-2292.	0.9	3
5	On 2D integro-differential systems. Stability and sensitivity analysis. Multidimensional Systems and Signal Processing, 2017, 28, 1679-1695.	2.6	0
6	On a linear-quadratic problem with Caputo derivative. Opuscula Mathematica, 2016, 36, 49.	0.8	11
7	On diffeomorphisms defined by some 2D nonlinear operators and their application to stability and sensitivity analysis. , 2015, , .		0
8	Existence of optimal solutions to Lagrange problems for Roesser type systems of the first and fractional orders. Applied Mathematics and Computation, 2015, 266, 809-819.	2.2	0
9	Application of a global implicit function theorem to a general fractional integro-differential system of Volterra type. Journal of Integral Equations and Applications, 2015, 27, .	0.6	4
10	Systems described by Volterra type integral operators. Discrete and Continuous Dynamical Systems - Series B, 2014, 19, 2401-2416.	0.9	3
11	Optimization of a fractional Mayer problem - existence of solutions, maximum principle, gradient methods. Opuscula Mathematica, 2014, 34, 763.	0.8	2
12	Sensitivity of a Fractional Integrodifferential Cauchy Problem of Volterra Type. Abstract and Applied Analysis, 2013, 2013, 1-8.	0.7	4
13	Fractional Sobolev Spaces via Riemann-Liouville Derivatives. Journal of Function Spaces and Applications, 2013, 2013, 1-15.	0.5	25
14	On the Diffeomorphisms Between Banach and Hilbert Spaces. Advanced Nonlinear Studies, 2012, 12, 89-100.	1.7	24
15	Compactness of fractional imbeddings. , 2012, , .		5
16	A fractional imbedding theorem. Fractional Calculus and Applied Analysis, 2012, 15, .	2.2	8
17	Application of 2D systems to investigation of a process of gas filtration. Multidimensional Systems and Signal Processing, 2012, 23, 119-130.	2.6	45
18	An Asymptotical Stability in Variational Sense for Second Order Systems. Advanced Nonlinear Studies, 2010, 10, 161-174.	1.7	0

#	Article	IF	Citations
19	On some nonlinear second order control systems. , 2009, , .		0
20	Controllability of one-dimensional and two-dimensional systems. , 2007, , .		2
21	Linear-quadratic optimal control problem of second order with infinite time horizon. , 2007, , .		3
22	On some properties of Goursatâ€"Darboux systems with distributed and boundary controls. International Journal of Control, 2004, 77, 837-846.	1.9	4
23	On the existence of a solution for some distributed optimal control hyperbolic system. International Journal of Mathematics and Mathematical Sciences, 2000, 23, 297-311.	0.7	13
24	Hamiltonian systems with controls. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 2429-2438.	1.1	0
25	On the Lusternik theorem for nonsmooth operators. Nonlinear Analysis: Theory, Methods & Applications, 1994, 22, 121-128.	1.1	6
26	On Controllability of Nonlinear Systems Described by Ordinary Differential Equations. , 0, , 287-294.		2