Agamirza E Bashirov

List of Publications by Year
in descending order

29 papers	801 citations	933447 10 h-index	610901 24 g-index
31 all docs	31 docs citations	31 times ranked	240 citing authors

#	Article	IF	Citations
1	Multiplicative calculus and its applications. Journal of Mathematical Analysis and Applications, 2008, 337, 36-48.	1.0	213
2	On Concepts of Controllability for Deterministic and Stochastic Systems. SIAM Journal on Control and Optimization, 1999, 37, 1808-1821.	2.1	182
3	On modeling with multiplicative differential equations. Applied Mathematics, 2011, 26, 425-438.	1.0	77
4	On Controllability Conception for Stochastic Systems. SIAM Journal on Control and Optimization, 1997, 35, 384-398.	2.1	61
5	Partial controllability concepts. International Journal of Control, 2007, 80, 1-7.	1.9	49
6	On partial approximate controllability of semilinear systems. Cogent Engineering, 2014, 1, 965947.	2.2	24
7	On Partial Complete Controllability of Semilinear Systems. Abstract and Applied Analysis, 2013, 2013, 1-8.	0.7	22
8	Partial controllability of stochastic linear systems. International Journal of Control, 2010, 83, 2564-2572.	1.9	20
9	Improving Eötvös corrections by wide-band noise kalman filtering. Geophysical Journal International, 1992, 108, 193-197.	2.4	18
10	On multiplicative and Volterra minimization methods. Numerical Algorithms, 2014, 67, 623-636.	1.9	18
11	Filtering, smoothing and prediction for wide-band noise driven linear systems. Journal of the Franklin Institute, 1997, 334, 667-683.	3.4	10
12	Filtering for linear systems with shifted noises. International Journal of Control, 2005, 78, 521-529.	1.9	9
13	On an alternative view to complex calculus. Mathematical Methods in the Applied Sciences, 2018, 41, 7313-7324.	2.3	9
14	Analyzing wide-band noise processes with application to control and filtering. IEEE Transactions on Automatic Control, 2002, 47, 323-327.	5.7	8
15	Representation of systems disturbed by wide band noise. Applied Mathematics Letters, 2002, 15, 607-613.	2.7	8
16	Dynamics of Literary Texts And Diffusion. Online Journal of Communication and Media Technologies, 2011, 1, .	0.7	8
17	Solvability of bigeometric differential equations by numerical methods. Boletim Da Sociedade Paranaense De Matematica, 2021, 39, 203-222.	0.4	7
18	Control and filtering of wide-band noise driven linear systems. Journal of Guidance, Control, and Dynamics, 1993, 16, 983-985.	2.8	6

#	Article	IF	Citations
19	Delay structure of wideband noises with application to filtering problems. Optimal Control Applications and Methods, 2013, 34, 69-79.	2.1	6
20	On exact controllability of semilinear systems. Mathematical Methods in the Applied Sciences, 2021, 44, 7455-7462.	2.3	6
21	Boundary Value Problems Arising in Kalman Filtering. Boundary Value Problems, 2008, 2008, 1-10.	0.7	4
22	On partial S-controllability of semilinear partially observable systems. International Journal of Control, 0, , 1-14.	1.9	4
23	Stochastic maximum principle in the Pontryagin's form for wide band noise driven systems. International Journal of Control, 2015, 88, 461-468.	1.9	4
24	On asymptotical behavior of solution of Riccati equation arising in linear filtering with shifted noises. , 2007, , 141-149.		4
25	Linear Filtering for Wide Band Noise Driven Observation Systems. Circuits, Systems, and Signal Processing, 2017, 36, 1247-1263.	2.0	3
26	Invariant Kalman Filter for Correlated Wide Band Noises. Asian Journal of Control, 2020, 22, 648-656.	3.0	1
27	On Systems Disturbed by Wide Band Noise. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 855-858.	0.4	0
28	ON BAUER–MUIR TRANSFORM OF CONTINUED FRACTIONS. International Journal of Number Theory, 2013, 09, 321-332.	0.5	0
29	On application of Euler's differential method to a continued fraction depending on parameter. Indian Journal of Pure and Applied Mathematics, 2014, 45, 285-296.	0.5	0