Avrilia Konguetsof

List of Publications by Year
in descending order

17 papers	723 citations

1039406

9 h-index	

1058022

14 g-index	

17 all docs	17 docs citations	17 times ranked	40 citing authors

#	Article	IF	Citations
1	A generator of hybrid symmetric four-step methods for the numerical solution of the Schrödinger equation. Journal of Computational and Applied Mathematics, 2003, 158, 93-106.	1.1	138
2	A new two-step hybrid method for the numerical solution of the Schrödinger equation. Journal of Mathematical Chemistry, 2010, 47, 871-890.	0.7	100
3	An exponentially-fitted and trigonometrically-fitted method for the numerical solution of periodic initial-value problems. Computers and Mathematics With Applications, 2003, 45, 547-554.	1.4	94
4	Two-step high order hybrid explicit method for the numerical solution of the Schrödinger equation. Journal of Mathematical Chemistry, 2010, 48, 224-252.	0.7	89
5	Title is missing!. Journal of Mathematical Chemistry, 2001, 29, 281-291.	0.7	76
6	Title is missing!. Journal of Mathematical Chemistry, 2001, 29, 293-305.	0.7	76
7	A hybrid method with phase-lag and derivatives equal to zero for the numerical integration of the Schrödinger equation. Journal of Mathematical Chemistry, 2011, 49, 1330-1356.	0.7	51
8	A generator of families of two-step numerical methods with free parameters and minimal phase-lag. Journal of Mathematical Chemistry, 2017, 55, 1808-1832.	0.7	48
9	On the Construction of Exponentially-Fitted Methods for the Numerical Solution of the Schrödinger Equation. Journal of Computational Methods in Sciences and Engineering, 2001, 1, 143-160.	0.1	34
10	P-stable eighth algebraic order methods for the numerical solution of the Schrödinger equation. Computers & Chemistry, 2002, 26, 105-111.	1.2	7
11	Fuzzy reasoning in the investigation of seismic behavior. Mathematical Methods in the Applied Sciences, 2020, 43, 7747-7757.	1.2	5
12	Seismic behavior using fuzzy methods. AIP Conference Proceedings, 2018, , .	0.3	2
13	Classification Of Road Accidents Using Fuzzy Techniques. , 2018, , .		1
14	Preface of the Second Symposium on Fuzzy Logic with Engineering Applications. AIP Conference Proceedings, 2019, , .	0.3	1
15	A new approach in seismic behavior using fuzzy methods. AIP Conference Proceedings, 2019, , .	0.3	1
16	Preface for the Session "Fuzzy Logic with Engineering Applications" AIP Conference Proceedings, 2018, , .	0.3	0
17	Algorithm for the development of families of numerical methods based on phase-lag Taylor series. Journal of Mathematical Chemistry, 2020, 58, 178-203.	0.7	0