

Chillali Abdelhakim

List of Publications by Year in descending order

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40
papers

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41
all docs

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docs citations

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times ranked

13
citing authors

#	ARTICLE	IF	CITATIONS
1	Elliptic curves over the ring R . Boletim Da Sociedade Paranaense De Matematica, 2019, 38, 193-201.	0.4	12
2	On power integral bases for certain pure number fields defined by $x^2 - 5s^m$. Communications in Algebra, 2021, 49, 2916-2926.	0.6	12
3	Cryptography based on the Matrices. Boletim Da Sociedade Paranaense De Matematica, 2019, 37, 75-83.	0.4	11
4	Elliptic curves over a chain ring of characteristic 3. Journal of Taibah University for Science, 2015, 9, 276-287.	2.5	8
5	Elliptic curve over ring $A_4 = F_{2^d}[\epsilon]; \epsilon^4 = 0$. Applied Mathematical Sciences, 0, 9, 1721-1733.	0.1	7
6	The J-Invariant over E_n^3 . International Journal of Open Problems in Computer Science and Mathematics, 2012, 5, 106-111.	0.2	4
7	Key Exchange Over Particular Algebraic Closure Ring. Tatra Mountains Mathematical Publications, 2017, 70, 151-162.	0.2	4
8	Petrov-Galerkin formulation for compressible Euler and Navier-Stokes equations. Advances in Science, Technology and Engineering Systems, 2017, 2, 63-69.	0.5	4
9	CRYPTOGRAPHY OVER TWISTED HESSIAN CURVES OF THE RING $\mathbb{F}_Q[\epsilon]$. Advances in Mathematics: Scientific Journal (discontinued), 2020, 10, 235-243.	0.2	4
10	SCC-Cryptosystem on an algebraic closure ring. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1475-1485.	0.8	3
11	El Gamal Cryptosystem on a Montgomery Curves Over Non Local Ring. WSEAS Transactions on Mathematics, 2022, 21, 85-89.	0.5	3
12	Special ideal ring $A \langle \infty \rangle$ and cryptography. , 2013, , .		2
13	Cryptography over the elliptic curve $E \langle a \rangle \langle b \rangle \langle 3 \rangle$. Journal of Taibah University for Science, 2015, 9, 326-331.	2.5	2
14	A diagram of confidentiality of information during a traffic offence. AIP Conference Proceedings, 2019, , .	0.4	2
15	Anonymous multi-receiver public key encryption based on third order linear sequences. AIP Conference Proceedings, 2019, , .	0.4	2
16	Fully homomorphic encryption scheme on a nonCommutative ring R . , 2019, , .		2
17	New encryption scheme using k -Fibonacci-like sequence. Asian-European Journal of Mathematics, 0, , 2250037.	0.5	2
18	A new cryptosystem based on a twisted Hessian curve $H^4_{a,d}$. Journal of Applied Mathematics and Computing, 0, , 1.	2.5	2

#	ARTICLE	IF	CITATIONS
19	Some Commutativity Theorems for Near-Rings with Left Multipliers. Kragujevac Journal of Mathematics, 2020, 44, 205-216.	0.6	2
20	Elliptic curve over the rational field with element of infinite order. International Journal of Algebra, 0, 7, 929-933.	0.1	2
21	Twisted Hessian curves over the Ring F . Boletim Da Sociedade Paranaense De Matematica, 0, 40, 1-6.	0.4	2
22	The binary operations calculus in H . Boletim Da Sociedade Paranaense De Matematica, 0, 40, 1-6.	0.4	2
23	The λ -homomorphism of $E[\text{sub } a,b](F[\text{sub } 3[\text{sup } d]])$. , 2013, , .		1
24	Elliptic curve and Lattice cryptosystem. , 2019, , .		1
25	Elliptic Curve over a Local Finite Ring R_n . , 2020, , .		1
26	Elliptic curves over a nonlocal ring $\mathbb{Z}_d[\lambda], \mathbb{Z} = \mathbb{Z}$. Asian-European Journal of Mathematics, 0, , 2250046.	0.5	1
27	Elliptic curves over the ring $F_{3^d}[\lambda], \lambda^4=0$. International Mathematical Forum, 0, 9, 1191-1196.	0.1	1
28	Simulation of flows in heterogeneous porous media of variable saturation. Advances in Science, Technology and Engineering Systems, 2017, 2, 70-77.	0.5	1
29	A Heuristic Method to Approximate the Closest Vector Problem. WSEAS Transactions on Mathematics, 2022, 20, 745-755.	0.5	1
30	Generic group $G \langle \text{inf} \rangle n \langle \text{inf} \rangle \langle \text{sup} \rangle a, b \langle \text{sup} \rangle$. , 2012, , .		0
31	Preface: 2nd International Conference on Applied Mathematics, ICAM [™] 2018. AIP Conference Proceedings, 2019, , .	0.4	0
32	Continued fraction of the symmetric operator entropy. AIP Conference Proceedings, 2019, , .	0.4	0
33	Design of covers with capillary barrier effect for protection of mine tailings. AIP Conference Proceedings, 2019, , .	0.4	0
34	Matrix solvers for flow simulation by the finite element method. , 2019, , .		0
35	R -prime numbers of degree k . Boletim Da Sociedade Paranaense De Matematica, 2020, 38, 75-82.	0.4	0
36	A finite element method for compressible and incompressible flows. SN Applied Sciences, 2020, 2, 1.	2.9	0

#	ARTICLE	IF	CITATIONS
37	ECC over the ring $F_3[x]/\langle x^4 \rangle$ by using two methods. Tbilisi Mathematical Journal, 2021, 14, .	0.3	0
38	Matrix Encryption Scheme. Advances in Science, Technology and Engineering Systems, 2017, 2, 56-58.	0.5	0
39	Management of the databases of finite element software. , 2019, , .		0
40	Elliptic curve over a finite ring generated by 1 and an idempotent element e with coefficients in the finite field \mathbb{F}_{3^d} . Boletim Da Sociedade Paranaense De Matematica, 0, 40, 1-19.	0.4	0