Nor Haniza Sarmin

List of Publications by Year
in descending order

		1477746	887659
165 papers	363 citations	6 h-index	17 g-index
165 all docs	165 docs citations	165 times ranked	229 citing authors

#	Article	IF	Citations
1	Topological Indices of the Non-commuting Graph for Generalised Quaternion Group. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 3361-3367.	0.4	6
2	On the new relation of second order limit language and other different types of splicing system. AIP Conference Proceedings, 2020, , .	0.3	0
3	The incidence matrix of the non-normal subgroup graph for some dihedral groups. AIP Conference Proceedings, 2020, , .	0.3	0
4	The characteristics of simple splicing languages over permutation groups. AIP Conference Proceedings, 2020, , .	0.3	0
5	On the probability and graph of some finite rings of matrices. AIP Conference Proceedings, 2020, , .	0.3	1
6	Molecular aspects on generalisations of splicing languages. AIP Conference Proceedings, 2020, , .	0.3	0
7	Folding technique on n-cut spliced semigraph in splicing system. AIP Conference Proceedings, 2020, , .	0.3	0
8	The computation of Schur multiplier and capability of pairs of groups of order p4. AIP Conference Proceedings, 2020, , .	0.3	0
9	Closure properties of static Watson-Crick linear and context-free grammars. AIP Conference Proceedings, 2020, , .	0.3	1
10	The direct product of pi-Cayley graph for Alt(4) and Sym(4). AIP Conference Proceedings, 2020, , .	0.3	0
11	THE APPLICATIONS OF ZERO DIVISORS OF SOME FINITE RINGS OF MATRICES IN PROBABILITY AND GRAPH THEORY. Jurnal Teknologi (Sciences and Engineering), 2020, 83, 127-132.	0.3	0
12	Static Watson-Crick Context-Free Grammars. International Journal of Online and Biomedical Engineering, 2019, 15, 65.	0.9	1
13	Domination polynomial of the commuting and noncommuting graphs of some finite nonabelian groups. AIP Conference Proceedings, 2019, , .	0.3	0
14	Some Innovative Types of Fuzzy Ideals in AG-Groupoids. Journal of Intelligent Systems, 2019, 28, 649-667.	1.2	1
15	Isomorphism and matrix representation of point groups. Malaysian Journal of Fundamental and Applied Sciences, 2019, 15, 88-92.	0.4	0
16	On the orbit of some metabelian groups of order 24 and its applications. AIP Conference Proceedings, 2018, , .	0.3	1
17	On the orbit graph of some 3-generator 2-groups. AIP Conference Proceedings, 2018, , .	0.3	0
18	Closure properties of Watson-Crick Petri net. AIP Conference Proceedings, 2018, , .	0.3	0

#	Article	IF	Citations
19	Graph polynomials of the conjugate graph of dihedral groups. AIP Conference Proceedings, 2018, , .	0.3	0
20	The energy of conjugacy class graphs of some metabelian groups. AIP Conference Proceedings, 2018, , .	0.3	0
21	The subset relative degree for two different sets in a finite group. AIP Conference Proceedings, 2018, , .	0.3	0
22	Selected Peer-Reviewed Articles from the International Conference on Science, Engineering, Management and Social Sciences (ICSEMSS 2016), Johor Bahru, Malaysia, 6â€"8 October, 2016. Advanced Science Letters, 2018, 24, 3823-3824.	0.2	0
23	Computation of splicing languages from DNA splicing system with one palindromic restriction enzyme. Malaysian Journal of Fundamental and Applied Sciences, 2018, 14, 188-192.	0.4	0
24	On the Conjugate and Conjugacy Class Graphs Related to a 3-Generator 3-Group. Advanced Science Letters, 2018, 24, 4395-4398.	0.2	0
25	A Variant of Commutativity Degree and Its Generalized Conjugacy Class Graph. Advanced Science Letters, 2018, 24, 4429-4432.	0.2	1
26	New form of fuzzy bi Î"-ideals in ordered Î"-semigroup. AIP Conference Proceedings, 2017, , .	0.3	0
27	The nonabelian tensor square of a crystallographic group with quaternion point group of order eight. Journal of Physics: Conference Series, 2017, 893, 012006.	0.3	0
28	On the energy of non-commuting graph of dihedral groups. AIP Conference Proceedings, 2017, , .	0.3	4
29	Probabilistic simple sticker systems. AIP Conference Proceedings, 2017, , .	0.3	2
30	Generating finite cyclic and dihedral groups using sequential insertion systems with interactions. AIP Conference Proceedings, 2017, , .	0.3	0
31	The conjugate and generalized conjugacy class graphs for metacyclic 3-groups and metacyclic 5-groups. AIP Conference Proceedings, 2017, , .	0.3	0
32	The probability that an element of a metacyclic 5-group fixes a set and its orbit graphs. AIP Conference Proceedings, 2017, , .	0.3	0
33	The conjugacy class graph of some finite groups and its energy. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 659-665.	0.4	2
34	Place-labelled Petri net controlled grammars. ScienceAsia, 2017, 43S, 9.	0.2	0
35	The Laplacian energy of conjugacy class graph of some dihedral groups. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, .	0.4	0
36	On the conjugate graphs of finite p-groups. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, .	0.4	2

#	Article	IF	Citations
37	On the dominating number, independent number and the regularity of the relative co-prime graph of a group. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, .	0.4	0
38	On the generalized conjugacy class graph of some dihedral groups. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, .	0.4	1
39	The independence polynomial of n-th central graph of dihedral groups. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, .	0.4	0
40	THE CENTRAL SUBGROUPS OF THE NONABELIAN TENSOR SQUARES OF SOME BIEBERBACH GROUPS WITH ELEMENTARY ABELIAN 2-GROUP POINT GROUP. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.3	0
41	Polycyclic transformations of crystallographic groups with quaternion point group of order eight. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 788-791.	0.4	0
42	The independence polynomial of conjugate graph and noncommuting graph of groups of small order.. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 602-605.	0.4	0
43	State machine of place-labelled petri net controlled grammars. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 649-653.	0.4	0
44	The characterization of regular ordered Gamma semigroups in terms of (E, EVq_k)-fuzzy Gamma ideals. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 576-580.	0.4	0
45	On the commutativity degree of metacyclic groups of 5-power order using conjugation action. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 784-787.	0.4	1
46	Multiplicative degree of some dihedral groups. AIP Conference Proceedings, 2016, , .	0.3	0
47	THE CONJUGACY CLASSES OF SOME FINITE METABELIAN GROUPS AND THEIR RELATED GRAPHS. Jurnal Teknologi (Sciences and Engineering), 2016, 79, .	0.3	0
48	ON GRAPHS ASSOCIATED TO CONJUGACY CLASSES OF SOME THREE-GENERATOR GROUPS. Jurnal Teknologi (Sciences and Engineering), 2016, 79, .	0.3	1
49	The Schur multiplier of pairs of groups of order p3q. AIP Conference Proceedings, 2016, , .	0.3	1
50	The probability that an element of a metacyclic 3-Group of negative type fixes a set and its orbit graph. AIP Conference Proceedings, 2016, , .	0.3	0
51	Groups and graphs in probability theory. AIP Conference Proceedings, 2016, , .	0.3	1
52	The generative capacity of weighted simple and semi-simple splicing systems. AIP Conference Proceedings, 2016, , .	0.3	0
53	Consistent polycyclic presentation of a Bieberbach group with a nonabelian point group. AIP Conference Proceedings, 2016, , .	0.3	0
54	The cubed commutativity degree of dihedral groups. AIP Conference Proceedings, 2016, , .	0.3	0

#	ARTICLE	IF	CITATIONS
55	The central subgroup of the nonabelian tensor square of a torsion free space group. AIP Conference Proceedings, 2016, , .	0.3	1
56	BI-IDEALS OF ORDERED SEMIGROUPS BASED ON THE INTERVAL-VALUED FUZZY POINT. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	0
57	The probability that an element of a metacylic 3-group fixes a set of size three. AIP Conference Proceedings, 2016, , .	0.3	0
58	Classification of Ordered Semigroups in Terms of Generalized Interval-Valued Fuzzy Interior Ideals. Journal of Intelligent Systems, 2016, 25, 297-318.	1.2	4
59	Some applications of metacyclic 2-groups of negative type. ScienceAsia, 2016, 42S, 1.	0.2	0
60	THE SQUARED COMMUTATIVITY DEGREE OF DIHEDRAL GROUPS. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	0
61	A GENERALIZATION ON THE NTH COMMUTATIVITY DEGREE OF ALTERNATING GROUPS OF DEGREE 4 AND 5. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	0
62	The properties of probabilistic simple regular sticker system. AIP Conference Proceedings, 2015, , .	0.3	0
63	A new variant of Petri net controlled grammars. AIP Conference Proceedings, 2015, , .	0.3	1
64	A reversal model of fuzzy time series in regional load forecasting. International Journal of Energy and Statistics, 2015, 03, 1550003.	0.5	2
65	Some characteristics on the generative power of weighted one-sided splicing systems. AIP Conference Proceedings, 2015, , .	0.3	0
66	Compatible pair of nontrivial actions for some cyclic groups of 2-power order. , 2015, , .		1
67	Molecular aspects of DNA splicing system. AIP Conference Proceedings, 2015, , .	0.3	1
68	Some restrictions on the existence of second order limit language. AIP Conference Proceedings, 2015, , .	0.3	1
69	TTHE CONJUGACY CLASSES OF METABELIAN GROUPS OF ORDER AT MOST 24. Jurnal Teknologi (Sciences) Tj ETQq1 1 0.784314 rgBT	0.3	2
70	Representations of Some Groups and Galois Stability. Bulletin of the Malaysian Mathematical Sciences Society, 2015, 38, 827-840.	0.4	0
71	A multi-criteria collaborative filtering recommender system for the tourism domain using Expectation Maximization (EM) and PCAâ€"ANFIS. Electronic Commerce Research and Applications, 2015, 14, 542-562.	2.5	159
72	POLYCYCLIC PRESENTATIONS OF THE TORSION FREE SPACE GROUP WITH QUATERNION POINT GROUP OF ORDER EIGHT. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.3	1

#	Article	IF	Citations
73	Some Innovative Types of Fuzzy Bi-Ideals in Ordered Semigroups. Journal of Advanced Mathematics and Applications, 2015, 4, 24-36.	0.5	2
74	THE NONABELIAN TENSOR SQUARE OF A BIEBERBACH GROUP WITH SYMMETRIC POINT GROUP OF ORDER SIX. Jurnal Teknologi (Sciences and Engineering), 2015, 78, .	0.3	0
75	A Novel Approach toward Fuzzy Generalized Bi-Ideals in Ordered Semigroups. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	1
76	The Homological Functors of Some Abelian Groups of Prime Power Order. Jurnal Teknologi (Sciences) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.3	0
77	Modelling of Tudung Saji Weaving Using Elements in Group Theory. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	0
78	Automata for subgroups. , 2014, , .		0
79	Automorphism group of nonabelian groups of order p3. , 2014, , .		0
80	Homological functor of a torsion free crystallographic group of dimension five with a nonabelian point group. , 2014, , .		0
81	Integral representations of metacyclic groups over a local field. , 2014, , .		0
82	On some homological functors of Bieberbach group of dimension four with dihedral point group of order eight. , 2014, , .		0
83	The analysis of crystallographic symmetry types in finite groups. , 2014, , .		0
84	The generalization of the exterior square of a Bieberbach group. , 2014, , .		0
85	The generative power of weighted one-sided and regular sticker systems. , 2014, , .		0
86	Irreducible representations of some point groups which are isomorphic to some dihedral groups. , 2014, , .		0
87	Second order limit language in variants of splicing system. , 2014, , .		1
88	The presentation of the nonabelian tensor square of a Bieberbach group of dimension five with dihedral point group. , 2014, , .		0
89	The generalization of the Schur multipliers of Bieberbach groups. , 2014, , .		1
90	On the abelianization of all Bieberbach groups of dimension four with symmetric point group of order six. , 2014, , .		0

#	Article	IF	Citations
91	Probabilistic simple splicing systems. , 2014, , .		0
92	On the capability of nonabelian groups of order p4. , 2014, , .		1
93	The homological functor of a Bieberbach group with a cyclic point group of order two. , 2014, , .		2
94	The concepts of persistent and permanent in non semi-simple DNA splicing system. , 2014, , .		1
95	The productivity degree of two subgroups of dihedral groups. , 2014, , .		1
96	The nonabelian tensor square of Bieberbach group of dimension five with dihedral point group of order eight. , 2014, , .		2
97	Watson-Crick Petri net languages: The effect of labeling strategies. , 2014, , .		0
98	Morphic images of binary words and Parikh matrices. , 2014, , .		1
99	An extension of first order limit language. , 2014, , .		3
100	Postgraduate Supervision: Supervisors versus Students. , 2014, , .		3
101	An extended partitioning technique to transform trees into single-row networks. Applied Soft Computing Journal, 2014, 22, 483-491.	4.1	0
102	A novel approach towards fuzzy Î“-ideals in ordered Î“-semigroups. Indian Journal of Pure and Applied Mathematics, 2014, 45, 343-362.	0.3	5
103	The Probability that an Element of Metacyclic 2-Groups of Positive Type Fixes a Set. Jurnal Teknologi (Sciences and Engineering), 2014, 71, .	0.3	8
104	Probabilistic sticker systems. Malaysian Journal of Fundamental and Applied Sciences, 2014, 9, .	0.4	3
105	The use of Groups, Algorithms and Programming (GAP) software in calculating the commutator subgroup and centre of groups of order p3q. ScienceAsia, 2014, 40S, 73.	0.2	1
106	Permutation Groups in Automata Diagrams. Malaysian Journal of Fundamental and Applied Sciences, 2014, 9, .	0.4	0
107	The Precise Value of Commutativity Degree in Some Finite Groups. Malaysian Journal of Fundamental and Applied Sciences, 2014, 8, .	0.4	1
108	On the Abelianization of a Torsion Free Crystallographic Group. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.3	0

#	Article	IF	Citations
109	Languages of Watson-Crick Petri Net. Jurnal Teknologi (Sciences and Engineering), 2014, 70, .	0.3	0
110	Weighted Simple and Semi-Simple Splicing Systems. Malaysian Journal of Fundamental and Applied Sciences, 2014, 10, .	0.4	0
111	A Homological Invariant of a Bieberbach Group with Dihedral Extension. Jurnal Teknologi (Sciences) Tj ETQq1 1 0.784314 rgBT /Overlo	0.3	0
112	A New Relation of Second Order Limit Language in Simple and Semi-Simple Splicing System. Jurnal Teknologi (Sciences and Engineering), 2014, 71, .	0.3	0
113	A Comparison of Second Order and Non-Second Order Limit Language Generated by Yusof-Goode Splicing System. Jurnal Teknologi (Sciences and Engineering), 2014, 72, .	0.3	0
114	Redefined intuitionistic fuzzy bi-ideals of ordered semigroups. Journal of Inequalities and Applications, 2013, 2013, .	0.5	3
115	An analysis of four variants of splicing system. , 2013, , .		4
116	On nth commutativity degree of some 3-Engel groups. , 2013, , .		0
117	The Schur multipliers of certain Bieberbach groups with abelian point groups. , 2013, , .		1
118	Specific automorphisms on a 2-generated p-group of class two. , 2013, , .		0
119	The exterior degree of symmetric group of order six. , 2013, , .		0
120	A general case of the commutativity degree of nilpotent p-groups of class two. , 2013, , .		0
121	Relative commutativity degree of some dihedral groups. , 2013, , .		3
122	Regular languages, regular grammars and automata in splicing systems. , 2013, , .		1
123	On graphs related to conjugacy classes of some two-groups. , 2013, , .		2
124	Automata representation for Abelian groups. , 2013, , .		1
125	Magic star puzzle for educational mathematics. , 2013, , .		0
126	The nth commutativity degree of some 2-Engel groups. , 2013, , .		0

#	Article	IF	Citations
127	Some characteristics of probabilistic one-sided splicing systems. , 2013, , .		0
128	The Schur multiplier and nonabelian tensor square of some groups of p-power order. , 2013, , .		1
129	On matrix representation of some finite groups. , 2013, , .		0
130	Some Applications of Elliptic Integrals of First Kind. Jurnal Teknologi (Sciences and Engineering), 2013, 65, .	0.3	0
131	An Example on Computing the Irreducible Representation of Finite Metacyclic Groups by Using Great Orthogonality Theorem Method. Jurnal Teknologi (Sciences and Engineering), 2013, 64, .	0.3	0
132	Probabilistic Splicing Systems. Studies in Computational Intelligence, 2013, , 259-268.	0.7	2
133	On the non-abelian tensor square of groups of order p4 where p is an odd prime. ScienceAsia, 2013, 39S, 16.	0.2	3
134	CONJUGACY CLASS SIZES FOR SOME 2-GROUPS OF NILPOTENCY CLASS TWO. Jurnal Teknologi (Sciences) Tj ETQq0.0 0 rgBT /Overlock	0.3	1
135	The Exterior Squares of Some Crystallographic Groups. Jurnal Teknologi (Sciences and Engineering), 2013, 62, .	0.3	0
136	Some characterizations of permanent splicing systems. , 2012, , .		0
137	Ordered semigroups characterized by ($${ in,in vee q}_{k}$$)-fuzzy generalized bi-ideals. Neural Computing and Applications, 2012, 21, 121-132.	3.2	18
138	New types of fuzzy bi-ideals in ordered semigroups. Neural Computing and Applications, 2012, 21, 295-305.	3.2	12
139	Partitioning technique for transforming perfect binary trees into single-row networks. Japan Journal of Industrial and Applied Mathematics, 2012, 29, 317-330.	0.5	1
140	Some New Characterization of Ordered Semigroups in Terms of ((lambda ,heta))-Fuzzy bi-ideals. International Journal of Algebra and Statistics, 2012, 1, 22.	0.7	3
141	Title is missing!. ScienceAsia, 2012, 38, 113.	0.2	5
142	An Extension of DNA Splicing System. , 2011, , .		5
143	Characterizations of ordered semigroups by (Îµ Î³ , Îµ Î³ â˜ q Î)-fuzzy interior ideals. Lobachevskii Journal of Mathematics, 2011, 32, 278-288.	0.1	5
144	On the nonabelian tensor square and capability of groups of order p 2 q. Archiv Der Mathematik, 2011, 97, 299-306.	0.3	12

#	ARTICLE	IF	CITATIONS
145	SOME CONSIDERATIONS ON THE NONABELIAN TENSOR SQUARE OF CRYSTALLOGRAPHIC GROUPS. Asian-European Journal of Mathematics, 2011, 04, 271-282.	0.2	1
146	ON THE CAPABILITY OF FINITELY GENERATED NON-TORSION GROUPS OF NILPOTENCY CLASS 2. Glasgow Mathematical Journal, 2011, 53, 411-417.	0.2	2
147	SOME CHARACTERIZATIONS IN SPLICING SYSTEMS. , 2010, , .		0
148	Some analysis on certain types of splicing systems. , 2010, , .		0
149	Automation of DNA Computing Readout Method Implemented on LightCycler System. , 2009, , .		0
150	Dynamic Single-Row Routing Technique for Channel Assignments. , 2009, , .		4
151	Fuzzy C-means clustering for DNA computing readout method implemented on LightCycler System. , 2008, , .		1
152	Infinite two-generator groups of class two and their non-abelian tensor squares. International Journal of Mathematics and Mathematical Sciences, 2002, 32, 615-625.	0.3	2
153	Two-generator two-groups of class two and their nonabelian tensor squares. Glasgow Mathematical Journal, 1999, 41, 417-430.	0.2	26
154	The Wiener and Zagreb Indices of Conjugacy Class Graph of the Dihedral Groups. Matematika, 0, , 51-57.	0.0	1
155	Topological indices of non-commuting graph of dihedral groups. Malaysian Journal of Fundamental and Applied Sciences, 0, 14, 473-476.	0.4	6
156	Related graphs of the conjugacy classes of a 3-generator 5-group. Malaysian Journal of Fundamental and Applied Sciences, 0, 14, 454-456.	0.4	0
157	The independence and clique polynomial of the conjugacy class graph of dihedral group. Malaysian Journal of Fundamental and Applied Sciences, 0, 14, 434-438.	0.4	0
158	Static Watson-Crick regular grammar. Malaysian Journal of Fundamental and Applied Sciences, 0, 14, 457-462.	0.4	0
159	The Laplacian Energy of Conjugacy Class Graph of Some Finite Groups. Matematika, 0, , 59-65.	0.0	0
160	On Some Graphs of Finite Metabelian Groups of Order Less Than 24. Matematika, 0, , 237-247.	0.0	0
161	General Form of Domination Polynomial for Two Types of Graphs Associated to Dihedral Groups. Matematika, 0, , 149-155.	0.0	0
162	DNA Splicing Systems with at Most Two Cutting Sites of a Non-Palindromic Restriction Enzyme. Matematika, 0, , 129-137.	0.0	0

#	Article	IF	Citations
163	Static Watson-Crick Linear Grammars and Its Computational Power. Matematika, 0, , .	0.0	0
164	The Energy of Cayley Graphs for a Generating Subset of the Dihedral Groups. Matematika, 0, , .	0.0	0
165	Automata for DNA Splicing Languages with Palindromic and Non-Palindromic Restriction Enzymes using Grammars. Matematika, 0, , 1-14.	0.0	0