

Dung Viet Nguyen

List of Publications by Year in descending order

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227
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | On the Construction of Structured LDPC Codes Free of Small Trapping Sets. IEEE Transactions on Information Theory, 2012, 58, 2280-2302. | 2.4 | 89 |
| 2 | Trapping set ontology. , 2009, , . | | 73 |
| 3 | Phloroglucinol-Mediated Hsp70 Production in Crustaceans: Protection against <i>Vibrio parahaemolyticus</i> in <i>Artemia franciscana</i> and <i>Macrobrachium rosenbergii</i> . Frontiers in Immunology, 2018, 9, 1091. | 4.8 | 42 |
| 4 | On Trapping Sets and Guaranteed Error Correction Capability of LDPC Codes and GLDPC Codes. IEEE Transactions on Information Theory, 2010, 56, 1600-1611. | 2.4 | 30 |
| 5 | Probing the mechanism of VPAHPND extracellular proteins toxicity purified from <i>Vibrio parahaemolyticus</i> AHPND strain in germ-free <i>Artemia</i> test system. Aquaculture, 2019, 504, 414-419. | 3.5 | 25 |
| 6 | Two-Bit Bit Flipping Algorithms for LDPC Codes and Collective Error Correction. IEEE Transactions on Communications, 2014, 62, 1153-1163. | 7.8 | 21 |
| 7 | <scp>RNA</scp> interference in shrimp and potential applications in aquaculture. Reviews in Aquaculture, 2018, 10, 573-584. | 9.0 | 18 |
| 8 | Structured LDPC codes from permutation matrices free of small trapping sets. , 2010, , . | | 17 |
| 9 | Failures and Error Floors of Iterative Decoders. , 2014, , 299-341. | | 11 |
| 10 | Error Correction Capability of Column-Weight-Three LDPC Codes Under the Gallager A Algorithm”Part II. IEEE Transactions on Information Theory, 2010, 56, 2626-2639. | 2.4 | 10 |
| 11 | Beta-glucan's varying structure characteristics modulate survival and immune-related genes expression from <i>Vibrio harveyi</i> -infected <i>Artemia franciscana</i> in gnotobiotic conditions. Fish and Shellfish Immunology, 2020, 102, 307-315. | 3.6 | 10 |
| 12 | On the guaranteed error correction capability of LDPC codes. , 2008, , . | | 5 |
| 13 | Two-bit bit flipping decoding of LDPC codes. , 2011, , . | | 5 |
| 14 | Girth of the Tanner graph and error correction capability of LDPC codes. , 2008, , . | | 2 |
| 15 | Short column-weight-three LDPC codes without small trapping sets. , 2010, , . | | 1 |
| 16 | Selecting two-bit bit flipping algorithms for collective error correction. , 2012, , . | | 1 |
| 17 | Failure analysis of two-bit flipping decoding algorithms. , 2014, , . | | 1 |