

# AERD DATABASE SYSTEM

Publications Report for: Douglas Darko Agyei

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Total Publications: 9

| TITLE                                                                                                                                                         | YEAR | TYPE OF DOCUMENT       | THEMATIC AREA | CITATION LINK                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------|---------------|-----------------------------------------------------------------------------|
| Teaching Mathematics with Digital Technologies: A Situational Analysis of High School Teachers' Experiences in Ghana                                          | 2024 | Peer-Reviewed Articles | N/A           | <a href="https://aerd.africa/paper/254">https://aerd.africa/paper/254</a>   |
| Transition from Knowledge of Algebra for Teaching (KAT) to Technological Knowledge of Algebra for Teaching (T-KAT)                                            | 2024 | Peer-Reviewed Articles | N/A           | <a href="https://aerd.africa/paper/271">https://aerd.africa/paper/271</a>   |
| Analyses of algebra knowledge and difficulties among Ghanaian Junior High School learners: Insights from standard-based mathematics curriculum implementation | 2024 | Peer-Reviewed Articles | N/A           | <a href="https://aerd.africa/paper/1038">https://aerd.africa/paper/1038</a> |
| Effectiveness of problem-based learning strategy in improving teaching and learning of mathematics for pre-service teachers in Ghana                          | 2023 | Peer-Reviewed Articles | N/A           | <a href="https://aerd.africa/paper/1640">https://aerd.africa/paper/1640</a> |
| Learning with mobile devices - insights from a university setting in Ghana                                                                                    | 2023 | Peer-Reviewed Articles | N/A           | <a href="https://aerd.africa/paper/2233">https://aerd.africa/paper/2233</a> |
| Teaching knowledge and difficulties of In-field and Out-of-field Junior High School mathematics teachers in algebra                                           | 2023 | Peer-Reviewed Articles | N/A           | <a href="https://aerd.africa/paper/2424">https://aerd.africa/paper/2424</a> |
| In-service mathematics teachers' preparedness, knowledge, skills, and self-efficacy beliefs of using technology in lesson delivery                            | 2022 | Peer-Reviewed Articles | N/A           | <a href="https://aerd.africa/paper/3186">https://aerd.africa/paper/3186</a> |
| Digitizing distance learning materials: Measuring students' readiness and intended challenges                                                                 | 2020 | Peer-Reviewed Articles | N/A           | <a href="https://aerd.africa/paper/4672">https://aerd.africa/paper/4672</a> |
| Integrating ICT into schools in Sub-Saharan Africa: from teachers' capacity building to classroom implementation                                              | 2020 | Peer-Reviewed Articles | N/A           | <a href="https://aerd.africa/paper/4846">https://aerd.africa/paper/4846</a> |