

Rofiqul Umam

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

542
citations

759233

12
h-index

752698

20
g-index

48
all docs

48
docs citations

48
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Activated Carbon and Coconut Coir with the Incorporation of ABR System as Greywater Filter: The Implications for Wastewater Treatment. Sustainability, 2022, 14, 1026.	3.2	8
2	Sugarcane Bagasse as the Source of Nanocrystalline Cellulose for Gelatin-Free Capsule Shell. International Journal of Biomaterials, 2022, 2022, 1-8.	2.4	12
3	3D Modeling of Subsurface Lawanopo Fault In Southeast Sulawesi, Indonesia Using Grablox and its Consequence to Geohazard. Indonesian Journal of Geography, 2021, 53, .	0.5	1
4	Anak Krakatau mountain (AKM) causes a rare tsunami phenomenon: impact around the Sunda strait, Indonesia. IOP Conference Series: Earth and Environmental Science, 2021, 739, 012036.	0.3	1
5	Study of organic market waste processing using continuous flow bin vermicomposting meet several nutrient parameters. IOP Conference Series: Earth and Environmental Science, 2021, 739, 012040.	0.3	0
6	THE SIMULATION OF MECHANICAL STIMULATION EFFECT ON BONE ELASTICITY LIMIT BASED ON FINITE ELEMENT METHOD (FEM). Jurnal Teknologi (Sciences and Engineering), 2021, 83, 21-27.	0.4	0
7	The effectiveness of math learning based on multiple intelligence: Implications at MTs Darul Ma'â€™wa. AIP Conference Proceedings, 2021, , .	0.4	6
8	Application of B and Li isotope systematics for detecting chemical disturbance in groundwater associated with large shallow inland earthquakes in Kumamoto, Japan. Geochemical Journal, 2021, 55, 241-250.	1.0	3
9	Intensity level as sustainable energy: Analysis of the conversion of energy stored on cicadas sound waves. Jurnal Ilmiah Pendidikan Fisika Al-Biruni, 2021, 10, 201-210.	1.0	0
10	Teacher's performance management: The role of principal's leadership, work environment and motivation in Tegal City, Indonesia. Management Science Letters, 2020, , 235-246.	1.5	32
11	The management of educational system using three law Auguste Comte: A case of Islamic schools. Management Science Letters, 2020, , 617-624.	1.5	9
12	Numerical Ability Analysis: The Impact of the Two Stay-Two Stray Learning Model on the Sequence and Series Topic in Islamic Boarding School. Journal of Physics: Conference Series, 2020, 1467, 012002.	0.4	5
13	IMPROVE Learning Model and Learning Independence: Influence and Interaction on Mathematics Problem-Solving Abilities in Islamic Boarding School. Journal of Physics: Conference Series, 2020, 1467, 012003.	0.4	3
14	Identification of ground motion prone areas triggering earthquakes based on microtremor data in Jati Agung district, South Lampung Regency, Lampung, Indonesia. AIP Conference Proceedings, 2020, , .	0.4	5
15	Optical characterization of Ba _{0.5} Sr _{0.5} TiO ₃ material grown on a p-type silicon substrate (111) doped niobium oxide and chlorophyll. Ferroelectrics, 2020, 568, 62-70.	0.6	11
16	The Effectiveness of Al-Qurun Teaching Model (ATM) Viewed from Gender Differences: The Impact on Mathematical Problem-Solving Ability. Journal of Physics: Conference Series, 2020, 1467, 012001.	0.4	3
17	Utilization of Basil Leaf Extract as Anti-Mosquito Repellent: A Case Study of Total Mosquito Mortality (Aedes aegypti 3rd instar). Journal of Physics: Conference Series, 2020, 1467, 012014.	0.4	4
18	Biomass (rice husk) as a fuel for sterilizing oyster mushrooms: a case study of fuel efficiency comparison, temperature distribution and production effectiveness. IOP Conference Series: Earth and Environmental Science, 2020, 460, 012041.	0.3	1

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19	Molecular functional group and optical analysis on chlorophyll of green choy sum and cassava leaves extracts. IOP Conference Series: Earth and Environmental Science, 2020, 460, 012030.	0.3	8
20	Optimization of optical properties of Ba _{0.2} Sr _{0.8} TiO ₃ thin films for a glucose sensor implementation. Biomedical Spectroscopy and Imaging, 2020, 9, 63-71.	1.2	0
21	Exploring the Prospective of Pre-Service Physics Teacher's Pedagogical Content Knowledge: A Case Study. Journal of Physics: Conference Series, 2020, 1467, 012023.	0.4	0
22	Development and Validation of Open Ended Based on Worksheet for Growing Higher Level Thinking Skills of Students. European Journal of Educational Research, 2020, 9, 445-455.	1.3	3
23	Kinematics and dynamics of the ballistic impact behavior for an oil palm empty fruit bunch fiber reinforced bio-composite. BioResources, 2020, 15, 6123-6134.	1.0	4
24	THE EFFECTIVENESS OF TWO STAY TWO STRAY, SOMATIC, AUDITORY, VISUALIZATION, INTELLECTUALLY, AND AUDITORY LEARNING TO IMPROVING NUMERICAL ABILITY. Humanities and Social Sciences Reviews, 2020, 8, 431-441.	0.2	1
25	Utilization of Stem Bark and Leaves of Kluwih (Artocarpus Altilis Park) as an Anti-Mosquito Repellent: A Case Study of Total Mosquito Mortality (Anopheles Sp). Indonesian Journal of Science and Technology, 2020, 5, 421-439.	1.5	4
26	Investigation of The Distribution and Fe Content of Iron Sand at Wari Ino Beach Tobelo Using Resistivity Method with Werner-Schlumberger Configuration. Jurnal Ilmiah Pendidikan Fisika Al-Biruni, 2020, 9, 141-160.	1.0	0
27	Micro-Raman analysis of Ba _{0.2} Sr _{0.8} TiO ₃ (barium strontium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.6	16
28	Partial correlation analysis using multiple linear regression: Impact on business environment of digital marketing interest in the era of industrial revolution 4.0. Management Science Letters, 2019, , 1875-1886.	1.5	28
29	Micro-Raman Spectroscopy Investigation of Chlorophyll-doping effects on Ba _{0.2} Sr _{0.8} TiO ₃ Thin Film. Journal of Physics: Conference Series, 2019, 1155, 012044.	0.4	6
30	ENVIRONMENTAL SUSTAINABILITY AND ITS GROWTH IN MALAYSIA BY ELABORATING THE GREEN ECONOMY AND ENVIRONMENTAL EFFICIENCY. International Journal of Energy Economics and Policy, 2019, 9, 465-473.	1.2	48
31	Fabrication and analysis phonon mode of barium strontium titanate-chlorophyll thin film (chlorophyll extract: green spinach, cassava, Green choy sum). AIP Conference Proceedings, 2019, , .	0.4	5
32	Analysis of Spectroscopy: Mustard Greens Leaf of Chlorophyll as a Ba _{0.2} Sr _{0.8} TiO ₃ (Barium Strontium) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	5
33	The Effectiveness of STEM-Based on Gender Differences: The Impact of Physics Concept Understanding. European Journal of Educational Research, 2019, 8, 753-761.	1.3	53
34	Cooperative Learning Application with the Method of "Network Tree Concept Map" : Based on Japanese Learning System Approach. Journal for the Education of Gifted Young Scientists, 2019, 7, 15-32.	0.7	35
35	The Effect of Flipped-Problem Based Learning Model Integrated With LMS-Google Classroom for Senior High School Students. Journal for the Education of Gifted Young Scientists, 2019, 7, 137-158.	0.7	75
36	Optimization and Interpretation of Heat Distribution in Sterilization Room Using Convection Pipe. Indonesian Journal of Science and Technology, 2019, 4, 204-219.	1.5	17

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37	INTERNAL SUPPLY CHAIN INTEGRATION AND OPERATIONAL PERFORMANCE OF INDONESIAN FASHION INDUSTRY FIRMS. <i>Humanities and Social Sciences Reviews</i> , 2019, 7, 479-486.	0.2	10
38	Search, Solve, Create, and Share (SSCS) Learning Model: The Impact on the Studentsâ€™ Creative Problem-Solving Ability on the Concept of Substance Pressure. <i>Jurnal Penelitian Fisika Dan Aplikasinya</i> , 2019, 9, 65.	0.3	12
39	Physics Learning through Active Learning Based Interactive Conceptual Instructions (ALBICI) to Improve Critical Thinking Ability. <i>Jurnal Penelitian Dan Pembelajaran IPA</i> , 2019, 5, 48.	0.5	22
40	Strategic Flexibility, Manufacturing Flexibility, and Firm Performance Under the Presence of an Agile Supply Chain: A Case of Strategic Management in Fashion Industry. <i>Polish Journal of Management Studies</i> , 2019, 19, 407-418.	0.9	18
41	How to Manage Numerical Abilities in Algebra Material?. <i>Al-Jabar: Jurnal Pendidikan Matematika</i> , 2019, 10, 223-232.	0.3	6
42	Management System of Education: Conceptual Similarity (Integration) between Japanese Learning System and Islamic Learning System in Indonesia. <i>Tadris: Jurnal Keguruan Dan Ilmu Tarbiyah</i> , 2019, 4, 159-170.	0.1	7
43	Academic Achievement and Conceptual Understanding of Electrodynamics: Applications Geoelectric Using Cooperative Learning Model. <i>Jurnal Ilmiah Pendidikan Fisika Al-Biruni</i> , 2019, 8, 165-175.	1.0	5
44	The Effect of Feedback as Soft Scaffolding on Ongoing Assessment Toward The Quantum Physics Concept Mastery of The Prospective Physics Teachers. <i>Jurnal Pendidikan IPA Indonesia</i> , 2018, 7, 41-47.	1.3	24
45	Probing-Prompting Based On Ethnomathematics Learning Model: The Effect On Mathematical Communication Skill. <i>Journal for the Education of Gifted Young Scientists</i> , 0, , 799-814.	0.7	20