

Normaniza Osman

List of Publications by Year in descending order

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43
papers

1,430
citations

566801

15
h-index

344852

36
g-index

45
all docs

45
docs citations

45
times ranked

1827
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Hydrogen Peroxide on Plant Growth, Photosynthesis, Leaf Histology and Rubisco Gene Expression of the Ficus deltoidea Jack Var. deltoidea Jack. Journal of Plant Growth Regulation, 2021, 40, 1950-1971.	2.8	11
2	DELINEATING THE DYNAMIC INTERACTION OF VEGETATION AND SOIL PROPERTIES IN CONTROLLING CUT SLOPE SOIL EROSION. Applied Ecology and Environmental Research, 2021, 19, 2761-2778.	0.2	0
3	EFFECTS OF PALM KERNEL BIOCHAR AND FOOD WASTE COMPOST ON THE GROWTH OF PALM LILY (CORDYLINE FRUTICOSA), COLEUS (COLEUS SP.), AND BOAT LILY (RHOEO DISCOLOR). Applied Ecology and Environmental Research, 2021, 19, 205-218.	0.2	6
4	Shading Effects on Leaf Gas Exchange, Leaf Pigments and Secondary Metabolites of Polygonum minus Huds., an Aromatic Medicinal Herb. Plants, 2021, 10, 608.	1.6	11
5	Influence of Rhizopheric H ₂ O ₂ on Growth, Mineral Absorption, Root Anatomy and Nematode Infection of Ficus deltoidea. Agronomy, 2021, 11, 704.	1.3	4
6	Dynamics of plant ecology and soil conservation: Implications for cut-slope protection. Acta Oecologica, 2021, 111, 103744.	0.5	3
7	EFFECTS OF PALM KERNEL BIOCHAR ON THE PHYSIOLOGICAL RESPONSES AND ROOT PROFILES OF SENDUDOK (MELASTOMA MALABATHRICUM L.) GROWN ON ACIDIC SOIL. Applied Ecology and Environmental Research, 2021, 19, 2887-2903.	0.2	1
8	Present practices and emerging opportunities in bioengineering for slope stabilization in Malaysia: An overview. PeerJ, 2021, 9, e10477.	0.9	13
9	Developing a hybrid adoptive neuro-fuzzy inference system in predicting safety of factors of slopes subjected to surface eco-protection techniques. Engineering With Computers, 2020, 36, 1347-1354.	3.5	19
10	Development of an erosion model for Langat River Basin, Malaysia, adapting GIS and RS in RUSLE. Applied Water Science, 2020, 10, 1.	2.8	22
11	Assessment of rainfall-induced soil erosion on hillslope: a case study at the Guthrie Corridor Expressway, Malaysia. Sustainable Water Resources Management, 2020, 6, 1.	1.0	3
12	Effects of shading on the growth, development and yield of winged bean (Psophocarpus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (0.3	7
13	Root architecture, rooting profiles and physiological responses of potential slope plants grown on acidic soil. PeerJ, 2020, 8, e9595.	0.9	5
14	Diurnal variation in physiological responses of aerobic-adapted rice varieties under different mulching strategies. Pakistan Journal of Botany, 2020, 52, .	0.2	0
15	Adaptive features of In vitro-derived plantlets of MD2 pineapple during acclimatization process. Indian Journal of Horticulture, 2020, 77, 595-602.	0.1	1
16	CARBON SINK AND BIO-CHEMICAL POTENTIALITY OF TWO LEGUME TREE SPECIES. Journal of Tropical Forest Science, 2020, 32, 217-226.	0.1	0
17	Significance of Surface Eco-Protection Techniques for Cohesive Soils Slope in Selangor, Malaysia. Geotechnical and Geological Engineering, 2019, 37, 2007-2014.	0.8	56
18	An intelligent based-model role to simulate the factor of safe slope by support vector regression. Engineering With Computers, 2019, 35, 1521-1531.	3.5	32

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19	Development of an intelligent system based on ANFIS model for predicting soil erosion. Environmental Earth Sciences, 2018, 77, 1.	1.3	13
20	Influence of Soil Amendments on the Growth and Yield of Rice in Acidic Soil. Agronomy, 2018, 8, 165.	1.3	50
21	Soil erosion assessment on hillslope of GCE using RUSLE model. Journal of Earth System Science, 2018, 127, 1.	0.6	9
22	PROMOTER EFFECT OF MICROBES IN SLOPE ECO-ENGINEERING: EFFECTS ON PLANT GROWTH, SOIL QUALITY AND EROSION RATE AT DIFFERENT VEGETATION DENSITIES. Applied Ecology and Environmental Research, 2018, 16, 2219-2232.	0.2	5
23	Mangrove rehabilitation on Carey Island, Malaysia: an evaluation of replanting techniques and sediment properties. Marine Biology Research, 2017, 13, 390-401.	0.3	11
24	Root structure–function relationships in 74 species: evidence of a root economics spectrum related to carbon economy. New Phytologist, 2016, 210, 815-826.	3.5	358
25	GROWTH, YIELD AND POSTHARVEST QUALITY OF WAX APPLE AS AFFECTED BY NAPHTHALENE ACETIC ACID APPLICATION. Revista Brasileira De Fruticultura, 2015, 37, 410-422.	0.2	6
26	Extraction and Quantification of Toxic Compound Mimosine from Leucaena Leucocephala Leaves. Procedia Chemistry, 2015, 16, 164-170.	0.7	16
27	The effects of plant density of Melastoma malabathricum on the erosion rate of slope soil at different slope orientations. International Journal of Sediment Research, 2015, 30, 131-141.	1.8	22
28	Effect of 2,4-D on Growth, Yield and Quality of Wax Apple (<i>Syzygium samarangense</i> , (Blume) Merrill) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.3	6
29	Contribution of Vegetation to Alleviate Slope's Erosion and Acidity. , 2014, , .		8
30	Hydrological and mechanical properties of plants to predict suitable legume species for reinforcing soil. Science Bulletin, 2014, 59, 5123-5128.	1.7	5
31	Ecological mitigation of hillslope instability: ten key issues facing researchers and practitioners. Plant and Soil, 2014, 377, 1-23.	1.8	258
32	Finite-Element Simulation for Contribution of Matric Suction and Friction Angle to Stress Distribution during Pulling-Out Process. International Journal of Geomechanics, 2013, 13, 527-532.	1.3	9
33	Fruit development, pigmentation and biochemical properties of wax apple as affected by localized Application of GA3 under field conditions. Brazilian Archives of Biology and Technology, 2013, 56, 11-20.	0.5	10
34	Physiochemical and Phytochemical Properties of Wax Apple (<i>Syzygium samarangense</i> [Blume]) Tj ETQq0 0 0 rgBT /Overlock 10 Tf World Journal, The, 2012, 2012, 1-13.	0.8	20
35	Contribution of the Root to Slope Stability. Geotechnical and Geological Engineering, 2012, 30, 277-288.	0.8	20
36	Phenological growth stages of the golden penda tree (<i>Xanthostemon chrysanthus</i>). Annals of Applied Biology, 2012, 161, 12-15.	1.3	8

#	ARTICLE	IF	CITATIONS
37	The influence of hydrogen peroxide on the growth, development and quality of wax apple (<i>Syzygium</i>) Tj ETQq1 1 Biochemistry, 2012, 53, 101-110.	0.784314 2.8	rgBT /Ove 51
38	The effect of plant succession on slope stability. <i>Ecological Engineering</i> , 2011, 37, 139-147.	1.6	76
39	Bract Size Enlargement and Longevity of <i>Bougainvillea spectabilis</i> as Affected by GA3 and Phloemic Stress. <i>Asian Journal of Plant Sciences</i> , 2009, 8, 212-217.	0.2	5
40	Engineering properties of <i>Leucaena leucocephala</i> for prevention of slope failure. <i>Ecological Engineering</i> , 2008, 32, 215-221.	1.6	72
41	Shear Strength of a Soil Containing Vegetation Roots. <i>Soils and Foundations</i> , 2008, 48, 587-596.	1.3	62
42	Parameters to predict slope stability – Soil water and root profiles. <i>Ecological Engineering</i> , 2006, 28, 90-95.	1.6	132
43	Determining the characteristics and potential of plantbased biochars to reduce copper uptake in maize. <i>Bragantia</i> , 0, 80, .	1.3	3