

# I Gede Tunas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/80616/publications.pdf>

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15  
papers

52  
citations

1684188

5  
h-index

1720034

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g-index

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all docs

15  
docs citations

15  
times ranked

31  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Landslides Induced by the 2018 Palu Earthquake on Flash Flood in Bangga River Basin, Sulawesi, Indonesia. <i>Journal of Ecological Engineering</i> , 2020, 21, 190-200.	1.1	14
2	Fractal Characteristic Analysis of Watershed as Variable of Synthetic Unit Hydrograph Model. <i>Open Civil Engineering Journal</i> , 2016, 10, 706-718.	0.8	10
3	A synthetic unit hydrograph model based on fractal characteristics of watersheds. <i>International Journal of River Basin Management</i> , 2019, 17, 465-477.	2.7	8
4	The Use of GIS and Hydrodynamic Model for Performance Evaluation of Flood Control Structure. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2018, 8, 2413-2420.	0.4	7
5	The Application of ITS-2 Model for Flood Hydrograph Simulation in Large-Size Rainforest Watershed, Indonesia. <i>Journal of Ecological Engineering</i> , 2019, 20, 112-125.	1.1	6
6	The Effectiveness of River Bank Normalization on Flood Risk Reduction. <i>MATEC Web of Conferences</i> , 2019, 280, 01009.	0.2	1
7	Integration of Digital Elevation Model (DEM) and HEC-RAS Hydrodynamic Model for flood routing. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 620, 012026.	0.6	1
8	Prediction of land conversion impact on flood peaks using the ITS-2 synthetic unit hydrograph model in Sausu River, Sulawesi, Indonesia. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
9	A Flood Forecasting Model Based on Synthetic Unit Hydrograph of ITS-2. , 2018, , .		1
10	Parameters Estimation of Synthetic Unit Hydrograph Model Using Multiple Linear and Non-linear Regressions. <i>DEStech Transactions on Engineering and Technology Research</i> , 2017, , .	0.0	1
11	The Improvement of Synthetic Unit Hydrograph Performance by Adjusting Model Parameters for Flood Prediction. <i>International Journal of Engineering and Technology</i> , 2017, 9, 847-858.	0.1	1
12	Impact of Extreme Rainfall on Flood Hydrographs. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 884, 012018.	0.3	1
13	Effect of Data Length to the Consistency of Design Rainfall. <i>Journal of Physics: Conference Series</i> , 2020, 1655, 012119.	0.4	0
14	Quantifying the perceptions of the 2018 Palu earthquake survivors on the use of light bricks as a wall material of simple house. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 926, 012007.	0.3	0
15	Flow Simulation Using 2D Hydrodynamic Model at the Palu Estuary Based on National DEM (DEMNAS) Source Data. <i>International Journal of Design and Nature and Ecodynamics</i> , 2021, 16, 709-715.	0.5	0