

# Widodo S Pranowo

## List of Publications by Year in descending order

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103  
papers

873  
citations

758635

12  
h-index

500791

28  
g-index

104  
all docs

104  
docs citations

104  
times ranked

1136  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Indonesian throughflow during 2004–2006 as observed by the INSTANT program. <i>Dynamics of Atmospheres and Oceans</i> , 2010, 50, 115-128.	0.7	259
2	Makassar Strait throughflow, 2004 to 2006. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	143
3	Marine debris in Indonesia: A review of research and status. <i>Marine Pollution Bulletin</i> , 2019, 146, 134-144.	2.3	69
4	Tsunami simulations on several scales. <i>Ocean Dynamics</i> , 2008, 58, 429-440.	0.9	65
5	The impact of disturbed peatlands on river outgassing in Southeast Asia. <i>Nature Communications</i> , 2015, 6, 10155.	5.8	51
6	Magnitudes and tourist perception of marine debris on small tourism island: Assessment of Tidung Island, Jakarta, Indonesia. <i>Marine Pollution Bulletin</i> , 2020, 158, 111393.	2.3	34
7	The Invisible Carbon Footprint as a hidden impact of peatland degradation inducing marine carbonate dissolution in Sumatra, Indonesia. <i>Scientific Reports</i> , 2018, 8, 17403.	1.6	20
8	Aragonite saturation state in a monsoonal upwelling system off Java, Indonesia. <i>Journal of Marine Systems</i> , 2016, 153, 10-17.	0.9	19
9	Pertukaran massa air di Laut Jawa terhadap periodisitas monsun dan Arlindo pada tahun 2015. <i>Depik Jurnal</i> , 2017, 6, 44-59.	0.1	17
10	Microplastics Patch Based on Hydrodynamic Modeling in The North Indramayu, Java Sea. <i>Polish Journal of Environmental Studies</i> , 2018, 28, 135-142.	0.6	16
11	Current movement in Benoa Bay water, Bali, Indonesia: Pattern of tidal current changes simulated for the condition before, during, and after reclamation. <i>Regional Studies in Marine Science</i> , 2018, 18, 177-187.	0.4	14
12	KARAKTERISTIK ARUS LAUT PERAIRAN TELUK BENOA – BALI. <i>Geomatika</i> , 2017, 23, 37.	0.2	14
13	Conflicts in some of the World harbours: what needs to happen next?. <i>Maritime Studies</i> , 2016, 15, 1.	1.1	13
14	THE MODEL OF MACRO DEBRIS TRANSPORT BEFORE RECLAMATION AND IN EXISTING CONDITION IN JAKARTA BAY. <i>Jurnal Ilmu Dan Teknologi Kelautan Tropis</i> , 2019, 11, 131-140.	0.1	12
15	Hazard analysis and estimation of people exposure as contribution to tsunami risk assessment in the West Coast of Sumatra, the South Coast of Java and Bali. <i>Zeitschrift für Geomorphologie</i> , 2010, 54, 337-356.	0.3	10
16	Reconstruction Of Oil Spill Trajectory In The Java Sea, Indonesia Using Sar Imagery. <i>Geography, Environment, Sustainability</i> , 2021, 14, 177-184.	0.6	8
17	Observations of the 2004 and 2006 Indian Ocean tsunamis from a pressure gauge array in Indonesia. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	6
18	The outbreak of <i>Chochlodinium</i> sp.: the red tide maker in the coastal of Lampung Bay. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 176, 012021.	0.2	5

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19	Building up the database of the Level-2 Java Sea Ecoregion based on physical oceanographic parameters. IOP Conference Series: Earth and Environmental Science, 2018, 176, 012009.	0.2	5
20	Temperature-Salinity stratification in the Eastern Indian Ocean using argo float. IOP Conference Series: Earth and Environmental Science, 2018, 162, 012010.	0.2	5
21	APPLICATION OF SWAN MODEL FOR HINDCASTING WAVE HEIGHT IN JEPARA COASTAL WATERS, NORTH JAVA, INDONESIA. International Journal of GEOMATE, 2018, 15, .	0.1	5
22	MANGROVE FOREST CHANGE IN NUSA PENIDA MARINE PROTECTED AREA, BALI - INDONESIA USING LANDSAT SATELLITE IMAGERY. International Journal of Remote Sensing and Earth Sciences (IJReSES), 2019, 15, 141.	0.6	5
23	WIND WAVE MODELING IN NATUNA SEA: A COMPARISON AMONG SWAN, SEAFINE, AND ERA-INTERIM. International Journal of GEOMATE, 2019, 16, .	0.1	5
24	Mapping seasonal marine debris patterns and potential hotspots in Banten Bay, Indonesia. IOP Conference Series: Earth and Environmental Science, 2021, 763, 012056.	0.2	4
25	PENDUGAAN LAJU SEDIMENTASI DI PERAIRAN TELUK BENOA - BALI BERDASARKAN CITRA SATELIT. Jurnal Kelautan Nasional, 2017, 12, 101.	0.1	4
26	Pemodelan Pola Arus Barotropik Musiman 3 Dimensi (3D) Untuk Mensimulasikan Fenomena Upwelling di Perairan Indonesia. Jurnal Segara, 2018, 11, .	0.1	4
27	Larval dispersal model of coral Acropora in the Karimunjawa Waters, Indonesia. Biodiversitas, 2019, 20, .	0.2	4
28	Characteristic of eddies kinetic energy associated with yellowfin tuna in southern Java Indian Ocean. IOP Conference Series: Earth and Environmental Science, 2018, 176, 012004.	0.2	3
29	Sea-Air Impacts on Fishing Season of Hand Line Skipjack Tuna Katsuwonus pelamis (Linnaeus, 1758) in Pacitan Coastal Waters of The South Eastern Indian Ocean. Omni-Akuatika, 2018, 14, .	0.4	3
30	Lintasan sampah mikro plastik di kawasan konservasi perairan Nasional Laut Sawu, Nusa Tenggara Timur. Depik Jurnal, 2019, 8, 125-134.	0.1	3
31	Social and economic influences on CO2 emission from capture fisheries in West Java Province. IOP Conference Series: Earth and Environmental Science, 2020, 530, 012026.	0.2	2
32	Seasonal variability of temperature, salinity, and surface currents at 0° latitude section of Indonesia seas. Regional Studies in Marine Science, 2021, 44, 101772.	0.4	2
33	Identifikasi komponen harmonik di Selat Lombok berdasarkan data arus time series. Depik Jurnal, 2015, 4, .	0.1	2
34	Sebaran nutrien, intensitas cahaya, klorofil-a dan kualitas air di Selat Badung, Bali pada Monsun Timur. Depik Jurnal, 2015, 4, .	0.1	2
35	PENGARUH PENAMBANGAN PASIR LAUT TERHADAP KEKERUHAN PERAIRAN TELUK BANTEN SERANG. Jurnal Segara, 2018, 14, .	0.1	2
36	Identifikasi Penjalaran Gelombang Panjang Samudera Hindia Ke Selat Lombok Berdasarkan Komponen Harmonik Arus. Omni-Akuatika, 2016, 12, .	0.4	2

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37	KARAKTERISTIK GELOMBANG SIGNIFIKAN DI SELAT KARIMATA DAN LAUT JAWA BERDASARKAN RERATA ANGIN 9 TAHUNAN (2005-2013). <i>Omni-Akuatika</i> , 2015, 11, .	0.4	2
38	THE INFLUENCE OF SWIMMING LAYER AND SUB-SURFACE OCEANOGRAPHIC VARIABLES ON CATCH OF ALBACORE ( <i>Thunnus alalunga</i> ) IN EASTERN INDIAN OCEAN. <i>Indonesian Fisheries Research Journal</i> , 2017, 22, 69.	0.2	2
39	ANALYSIS OF MARINE AND COASTAL RESOURCES SUSTANABILITY IN BENOA BAY RECLAMATION SITE. <i>Jurnal Kelautan Nasional</i> , 2018, 13, .	0.1	2
40	Karakteristik Pasang Surut di Teluk Jakarta Berdasarkan Data 253 Bulan. <i>Jurnal Riset Jakarta</i> , 2019, 12, 25-36.	0.3	2
41	Carbon cycle in tropical peatlands and coastal seas. , 2022, , 83-142.		2
42	Studi Perbandingan Karakteristik Pasang Surut Hasil Perhitungan Data Lokal Dengan Model Pasang Surut Global di Perairan Indonesia. <i>Jurnal Chart Datum</i> , 2019, 5, 97-112.	0.0	2
43	Tracking the Stranded Area of Marine Debris in Indonesian coasts by using Floating Drifter. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 925, 012034.	0.2	2
44	The application of coupled 3d hydrodynamic and oil transport model to oil spill incident in karawang offshore, indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 925, 012048.	0.2	2
45	Analysis of marine and coastal resources sustainability in Benoa coastal bay reclamation site, Bali. <i>E3S Web of Conferences</i> , 2018, 74, 02002.	0.2	1
46	Influence of El Niño Southern Oscillation (ENSO) phenomena on Eddies Variability in the Western Pacific Ocean. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 176, 012002.	0.2	1
47	Schematic Model of Ocean Pacific Seawater Mass Circulation in Banda Sea. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 750, 012009.	0.2	1
48	TIDAL REGIMS OF ARAFURA AND TIMOR SEA. <i>Marine Research in Indonesia</i> , 2018, 36, 21-28.	0.2	1
49	DISTRIBUTION OF HEAVY METALS IN NATUNA COASTAL WATERS. <i>Jurnal Ilmu Dan Teknologi Kelautan Tropis</i> , 2015, 6, .	0.1	1
50	Studi Karakteristik Massa Air Laut di Perairan Timur Indonesia dengan Memanfaatkan Data Argo Float. <i>Jurnal Chart Datum</i> , 2019, 5, 130-143.	0.0	1
51	Pengolahan Dan Penyajian Data Arus Pasang Surut Hasil Pengukuran Acoustic Doppler Current Profiler (ADCP) Sontek Argonaut-Xr Menggunakan Perangkat Lunak T_Tide_V1.3beta. <i>Jurnal Hidropilar</i> , 2016, 2, 59-70.	0.0	1
52	Pemetaan Terumbu Karang dan Mangrove untuk Pertahanan Pantai dngan Menggunakan Teknologi Penginderaan Jauh dan Sistem Informasi Geografis (Kasus Daerah Biak, Papua). <i>Jurnal Chart Datum</i> , 2016, 2, 117-128.	0.0	1
53	POTENSI ENERGI ARUS LAUT SEBAGAI ENERGI TERBARUKAN DI SELAT LOMBOK BERDASARKAN DATA INSTANT WEST MOORING DEPLOYMENT 1. <i>Jurnal Geologi Kelautan</i> , 2016, 14, .	0.1	1
54	Seasonal Variability of Thermocline, Sound Speed & Probable Shadow Zone in Sunda Strait, Indonesia. <i>Omni-Akuatika</i> , 2017, 13, .	0.4	1

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55	Analisis Karakteristik Gelombang Laut Guna Mendukung Data Informasi Operasi Keamanan Laut di Wilayah Laut Natuna dan Laut Natuna Utara. <i>Jurnal Chart Datum</i> , 2017, 3, 107-131.	0.0	1
56	Java Sea Surface Temperature Variability during ENSO 1997 – 1998 and 2014 – 2015. <i>Omni-Akuatika</i> , 2018, 14, .	0.4	1
57	Pemodelan Hidrodinamika Barrier Wall dan Sedimentasi di Perairan Dermaga Kolam Koarmatim Surabaya. <i>Jurnal Chart Datum</i> , 2018, 4, 28-42.	0.0	1
58	Studi Hidrodinamika dan Pola Sebaran Sedimen pada Perencanaan Pembangunan Dermaga Pangkalan TNI AL di Teluk Ratai - Lampung. <i>Jurnal Chart Datum</i> , 2018, 4, 75-86.	0.0	1
59	KARAKTERISTIK PASANG SURUT DI PERAIRAN PAMEUNGPEUK, BELITUNG, DAN SARMI BERDASARKAN METODE ADMIRALTY. <i>Jurnal Meteorologi Dan Geofisika</i> , 2019, 19, 29.	0.1	1
60	Purwarupa Dukungan Data Arus Laut Operasional Bersumber Dari Copernicus Marine Environment Monitoring Service (Cmems) Dalam Format Aml lwc Arus Laut untuk TNI AL. <i>Jurnal Chart Datum</i> , 2019, 5, 1-16.	0.0	1
61	Distribution of macro plastic debris in Muaragembong coastal bay during the east moonson and the east to west monsoon transition in 2020. <i>E3S Web of Conferences</i> , 2021, 324, 02002.	0.2	1
62	Study of the Historic Shipwreck Sites Area Development for Marine Ecotourism in Thousand Islands. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 925, 012028.	0.2	1
63	A Schematic Model of Low Temperature and High Salinity Seawaters in Southern Java of the Indian Ocean during ENSO-IOD 2017. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 925, 012001.	0.2	1
64	Surface Thermal Front Persistence in Malacca Strait. <i>Jurnal Ilmiah Platax</i> , 2022, 10, 239.	0.0	1
65	The wave characteristics in Natuna Sea and its adjacent for naval operation base purposes. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 176, 012003.	0.2	0
66	Quantitative Comparison of Algorithms for Estimating the Air-sea Exchange of Carbon Dioxide in Malacca Straits. <i>Ilmu Kelautan: Indonesian Journal of Marine Sciences</i> , 2018, 23, 81.	0.3	0
67	Study of ocean wave characteristics in Lembasada, Donggala District, Central Sulawesi. <i>Journal of Physics: Conference Series</i> , 2019, 1242, 012026.	0.3	0
68	The grow-out of abalone ( <i>Haliotis squamata</i> ) at different shelter shape on growth and survival and its marine environmental influences at Lembongan Bay coastal waters. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 441, 012001.	0.2	0
69	Studi Perhitungan Muka Surutan Peta Berdasarkan Waktu Terjadi Supermoon di Perairan Kalabahi Nusa Tenggara Timur. <i>Jurnal Chart Datum</i> , 2021, 6, 10-23.	0.0	0
70	Analysis of seasonal variability of wave height in Makassar Strait. <i>Journal of Physics: Conference Series</i> , 2021, 1763, 012031.	0.3	0
71	Pemodelan Pola Arus 2 Dimensi Musiman dan Dinamis Multilayer Kedalaman di Laut Banda. <i>Jurnal Hidropilar</i> , 2021, 6, 14-20.	0.0	0
72	Pemutakhiran Web Database Sistem Fusi Oseanografi dengan Menambahkan Variabel Sound Speed (Kecepatan Suara). <i>Jurnal Hidropilar</i> , 2020, 6, 47-60.	0.0	0

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73	The Dynamic of Convergence Zone Displacement in Western Pacific Ocean on 2015 Super El Niño Event. IOP Conference Series: Earth and Environmental Science, 2021, 750, 012015.	0.2	0
74	Natuna Off-Shelf Current (NOC) Vertical Variability and Its Relation to ENSO in the North Natuna Sea. Ilmu Kelautan: Indonesian Journal of Marine Sciences, 2021, 26, 63-70.	0.3	0
75	Solusi Akses ENC S-63 Pushidrosal Untuk Kapal Angkatan Laut, Pangkalan Dan Marinir. Jurnal Chart Datum, 2021, 7, 37-46.	0.0	0
76	Tekanan Bawah Laut (Pressure) Untuk Web Database Fusi Oseanografi. Jurnal Hidropilar, 2021, 7, 1-10.	0.0	0
77	Constructing an Imaginary Wall in the Ocean: A Technical Cartography Study on the Delimitation of Maritime Boundaries in the Provinces of South Sumatra and Bangka Belitung Islands Based on GIS. ASEAN Journal on Science and Technology for Development, 2021, 38, .	0.2	0
78	Rezim Horizontal dan Vertikal Arus Monsun di Selat Sunda. Jurnal Hidropilar, 2018, 4, 25-30.	0.0	0
79	Kajian Awal Perubahan Muka Air Sungai untuk Penentuan Datum Peta (Studi Kasus Sungai Musi) Tj ETQq1 1 0.784314 rgBT /Overlock	0.0	0
80	Sebaran kandungan CO2 terlarut di perairan pesisir selatan Kepulauan Natuna. Depik Jurnal, 2014, 3, .	0.1	0
81	DISTRIBUTION OF HEAVY METALS IN NATUNA COASTAL WATERS. Jurnal Ilmu Dan Teknologi Kelautan Tropis, 2015, 6, .	0.0	0
82	Pola dan Karakteristik Arus Laut pada Berbagai Kedalaman Di Selat Badung, Bali. Jurnal Segara, 2018, 11, .	0.1	0
83	MODEL VARIASI HARIAN SUHU PERMUKAAN LAUT DARI DATA MODIS DAN IN SITU MENGGUNAKAN METODA PARAMETERISASI EMPIRIK DI SAMUDERA HINDIA. Jurnal Segara, 2015, 10, .	0.1	0
84	Pemanfaatan Data Satelit Altimetri fntuk Identifikasi Daerah Penangkapan Ikan Berdasarkan Area Upwelling (Studi Kasus di Perairan Selatan Bali-Jawa). Jurnal Chart Datum, 2015, 1, 81-92.	0.0	0
85	Pengaruh Sound Velocity Terhadap Pengukuran Kedalaman Menggunakan Multibeamechosounder di Perairan Surabaya. Jurnal Chart Datum, 2016, 2, 161-176.	0.0	0
86	Eksperimen Pelibatan Parameter Suhu Udara Diatas Permukaan Laut Pada Sistem Informasi Hidro-Oseanografi untuk Wilayah Pengelolaan Perikanan (WPP). Jurnal Chart Datum, 2016, 2, 187-196.	0.0	0
87	Studi Konstanta Harmonik Pasang Surut Terhadap Data Suhu Permukaan Laut di Perairan Pulau Pari. Jurnal Chart Datum, 2016, 2, 139-151.	0.0	0
88	Pemisahan Sinyal Tsunami dari Data Tinggi Muka Air Laut pada Buoy Tsunami. Jurnal Chart Datum, 2017, 3, 17-21.	0.0	0
89	Sistem Informasi Pasang Surut Berbasis Android di Wilayah Kerja Pangkalan TNI Angkatan Laut (Studi) Tj ETQq1 1 0.784314 rgBT /Overl	0.0	0
90	Perbandingan Konstanta Harmonik Antara Suhu Permukaan Laut dan Pasang Surut di Perairan Tanimbar. Jurnal Hidropilar, 2017, 3, 83-92.	0.0	0

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91	The Construction of Prototype of A Tactical Oceanographic Map for Navigation of Submarine in Sunda Strait. <i>Jurnal Chart Datum</i> , 2018, 4, 14-27.	0.0	0
92	Pembuatan Purwarupa Peta Contour Best Operation Depth Kapal Selam di Perairan Sangihe Talaud. <i>Jurnal Chart Datum</i> , 2018, 4, 87-94.	0.0	0
93	Numerical Simulation of Ocean Wave Using High-Order Spectral Modeling Techniques: Its Influence on Transport Sediment in Benoa Bay, Bali, Indonesia. <i>Omni-Akuatika</i> , 2019, 15, 20.	0.4	0
94	Pemodelan Hidrodinamika 2 Dimensi Arus Dibangkitkan Angin dan Pasut Untuk Informasi Pendukung Operasi Pendaratan Amfibi (Studi Kasus Pantai Sengiap Ranai Natuna). <i>Jurnal Hidropilar</i> , 2020, 5, 71-78.	0.0	0
95	Model Perpindahan Vertikal Massa Air Oleh Interaksi Arus Dan Topografi Di Teluk Palu. <i>Positron</i> , 2020, 10, 42.	0.2	0
96	Perencanaan Jadwal Patroli Keamanan Laut Berdasarkan Pola Sebaran Klorofil-A Dan Hasil Tangkapan Skipjack Tuna Di Perairan Laut Maluku. <i>Jurnal Chart Datum</i> , 2021, 6, 12-20.	0.0	0
97	THE INFLUENCE OF INDONESIAN NAVY DIPLOMACY THROUGH NAVAL PRESENCE ON THE EFFECTIVENESS OF MARITIME OPERATIONS IN THE NORTH NATUNA SEA. <i>Jurnal ASRO</i> , 2020, 11, 54.	0.0	0
98	Analisa dan Perhitungan Prediksi Pasang Surut Menggunakan Metode Admiralty dan Metode Least Square (Studi Kasus Perairan Tarakan dan Balikpapan). <i>Jurnal Chart Datum</i> , 2015, 1, 9-20.	0.0	0
99	The Construction of Prototype of a Tactical Oceanographic Map for Navigation of Submarine in Sunda Strait. <i>Jurnal Chart Datum</i> , 2019, 5, 145-154.	0.0	0
100	Purwarupa Instrumen CTD Profiler. <i>Jurnal Hidropilar</i> , 2020, 5, 43-52.	0.0	0
101	Purwarupa Antar Muka Graphical User Interface CTD Profiler. <i>Jurnal Hidropilar</i> , 2020, 5, 53-56.	0.0	0
102	Modeling The Hydrodynamic Characteristics of Tidal And Monsoonal Currents In Pondok Dayung Port of Tanjung Priok Harbor, Jakarta. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 925, 012059.	0.2	0
103	Strategy on marine debris reduction in Indonesia: a review and recommendation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 925, 012027.	0.2	0