

# Sivaprakasam Palani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1476991/publications.pdf>

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16  
papers

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citations

1478505

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1474206

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docs citations

16  
times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wire Electrical Discharge Machining (WEDM) of Hybrid Composites (Al-Si12/B4C/Fly Ash). Journal of Nanomaterials, 2021, 2021, 1-10.	2.7	18
2	Designing Highly Sensitive Surface Plasmon Resonance Sensor With Dual Analyte Channels. IEEE Access, 2021, 9, 139293-139302.	4.2	14
3	Modelling and Simulation of Machining Attributes in dry Turning of Aircraft Materials Nimonic C263 using CBN. Manufacturing Review, 2021, 8, 30.	1.5	14
4	Optimization of Remazol Black B Removal Using Biochar Produced from Caulerpa scalpelliformis Using Response Surface Methodology. Advances in Materials Science and Engineering, 2021, 2021, 1-8.	1.8	12
5	Biochar from waste biomass as a biocatalyst for biodiesel production: an overview. Applied Nanoscience (Switzerland), 2022, 12, 3665-3676.	3.1	11
6	Mathematical Modeling and Analysis of Wear Behavior of AlTiN Coating on Titanium Alloy (Ti-6Al-4V). Advances in Materials Science and Engineering, 2021, 2021, 1-9.	1.8	8
7	Surface Roughness Evaluation in Turning of Nimonic C263 Super Alloy Using 2D DWT Histogram Equalization. Journal of Nanomaterials, 2022, 2022, 1-11.	2.7	7
8	Mechanical Properties of Bone Particulate and E-Glass Fiber Reinforced Hybrid Polymer Composite. Advances in Materials Science and Engineering, 2022, 2022, 1-7.	1.8	7
9	DEFORM 3D Simulations and Taguchi Analysis in Dry Turning of 35CND16 Steel. Advances in Materials Science and Engineering, 2022, 2022, 1-10.	1.8	6
10	Dissimilar friction stir welding process-a review. Advances in Materials and Processing Technologies, 2022, 8, 3900-3922.	1.4	5
11	Tribological Behavior and Surface Characterization of Gray Cast Iron-EN31 Steel under Lubricated Sliding Conditions. Journal of Nanomaterials, 2021, 2021, 1-9.	2.7	4
12	A review on photonics and its applications. Materials Today: Proceedings, 2020, 33, 3372-3377.	1.8	2
13	Analysis of Ethanol to Reduce Solid Particle Pollution in SI Engines. Journal of Nanomaterials, 2021, 2021, 1-11.	2.7	2
14	Adiabatic CMOS-Based Electrostatic MEMS Actuation for Reduced Dynamic Power and Switching Activity. Journal of Nanomaterials, 2022, 2022, 1-13.	2.7	2
15	Tribological Characteristics of GCI-EN31 Steel Surface Contact with Dry Sliding Condition. Journal of Nanomaterials, 2022, 2022, 1-11.	2.7	2
16	Emission Measurement Analysis of Sapodilla Seed Oil Blending Fueled IC Engine. Journal of Nanomaterials, 2021, 2021, 1-8.	2.7	1