

Yogesh Singh

List of Publications by Year in descending order

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28
papers

254
citations

1478505

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docs citations

34
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166
citing authors

#	ARTICLE	IF	CITATIONS
1	Inverse dynamics and robust sliding mode control of a planar parallel (2-PRP and 1-PPR) robot augmented with a nonlinear disturbance observer. <i>Mechanism and Machine Theory</i> , 2015, 92, 29-50.	4.5	44
2	Inverse dynamics and control of a 3-DOF planar parallel (U-shaped 3-PPR) manipulator. <i>Robotics and Computer-Integrated Manufacturing</i> , 2015, 34, 164-179.	9.9	42
3	Robust nonlinear PID-like fuzzy logic control of a planar parallel (2PRP-PPR) manipulator. <i>ISA Transactions</i> , 2016, 63, 218-232.	5.7	33
4	Indirect disturbance compensation control of a planar parallel (2-PRP and 1-PPR) robotic manipulator. <i>Robotics and Computer-Integrated Manufacturing</i> , 2014, 30, 556-564.	9.9	24
5	Viscous fingering instabilities in radial Hele-Shaw cell: A review. <i>Materials Today: Proceedings</i> , 2020, 26, 760-762.	1.8	15
6	Performance investigations on optimum mechanical design aspects of planar parallel manipulators. <i>Advanced Robotics</i> , 2016, 30, 652-675.	1.8	11
7	CFD analysis of viscous fingering in Hele-Shaw cell for air-glycerin system. <i>Materials Today: Proceedings</i> , 2021, 45, 6381-6385.	1.8	9
8	Numerical investigation of immiscible Liquid-Liquid displacement in Hele-Shaw cell. <i>Materials Today: Proceedings</i> , 2021, 45, 7151-7155.	1.8	9
9	Workspace analysis of 3-DOF U-shape base planar parallel robotic motion stage using shape memory alloy restoration technique (SMART) linear actuators. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	8
10	Amino Acid Derived Prodrugs: An Approach to Improve the Bioavailability of Clinically Approved Drugs. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 2170-2183.	2.1	7
11	Molecular dynamics and 3D-QSAR studies on indazole derivatives as HIF-1 α inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 3524-3541.	3.5	7
12	Development of a Planar 3PRP Parallel Manipulator using Shape Memory Alloy Spring based Actuators. , 2017, , .		6
13	Kinematic and dynamic performance investigations of asymmetric (U-shape fixed base) planar parallel manipulators. <i>Robotica</i> , 2018, 36, 1111-1143.	1.9	6
14	Triggering the Splitting Dynamics of Low-Viscous Fingers through Surface Wettability Inside Bifurcating Channel. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-14.	1.1	4
15	Multifaceted 3D-QSAR analysis for the identification of pharmacophoric features of biphenyl analogues as aromatase inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 1322-1341.	3.5	4
16	High resolution flexible 4-PPR U-base planar parallel microstage robotic manipulator. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 402, 012034.	0.6	3
17	Development and analysis of a five degrees of freedom robotic manipulator serving as a goalkeeper to train the football players. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 402, 012092.	0.6	3
18	Robust disturbance observer based sliding mode control of a planar parallel (3-PPR) manipulator. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
19	Development and Workspace Analysis of Smart Actuation based Planar Parallel Robotic Motion Stage. IOP Conference Series: Materials Science and Engineering, 2020, 912, 032063.	0.6	2
20	Comparative kinematic and dynamic performance analysis of planar parallel manipulators. , 2015, , .		1
21	Task space position tracking control of an autonomous underwater vehicle with four tilting thrusters. , 2016, , .		1
22	A Review On Viscous Fingering Pattern Formation In Lifted Hele- Shaw Cell. Journal of Physics: Conference Series, 2020, 1455, 012022.	0.4	1
23	Mechanical Design of a Modular Underwater Rov for Surveillance and Cleaning Purpose. Lecture Notes in Mechanical Engineering, 2021, , 779-793.	0.4	1
24	An Overview of Wire Electrical Discharge Machining (WEDM). Lecture Notes in Mechanical Engineering, 2021, , 643-652.	0.4	1
25	Kinematic, Dynamic and Stiffness Analysis of an Asymmetric 2PRP-PPR Planar Parallel Manipulator. Lecture Notes in Mechanical Engineering, 2021, , 91-98.	0.4	1
26	A robust task space position tracking control of an underwater vehicle manipulator system. , 2015, , .		0
27	Design and Fabrication of Android Application-Based Grass Cutter Robotic System. Lecture Notes in Mechanical Engineering, 2021, , 271-281.	0.4	0
28	Interfacial Instabilities in Rotating Hele-Shaw Cell: A Review. Lecture Notes in Mechanical Engineering, 2021, , 911-917.	0.4	0