

Jamari Jamari

List of Publications by Year in descending order

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docs citations

196
times ranked

704
citing authors

#	ARTICLE	IF	CITATIONS
1	Tresca Stress Simulation of Metal-on-Metal Total Hip Arthroplasty during Normal Walking Activity. <i>Materials</i> , 2021, 14, 7554.	2.9	118
2	The Effect of Bottom Profile Dimples on the Femoral Head on Wear in Metal-on-Metal Total Hip Arthroplasty. <i>Journal of Functional Biomaterials</i> , 2021, 12, 38.	4.4	102
3	Computational Contact Pressure Prediction of CoCrMo, SS 316L and Ti6Al4V Femoral Head against UHMWPE Acetabular Cup under Gait Cycle. <i>Journal of Functional Biomaterials</i> , 2022, 13, 64.	4.4	82
4	An elastic-plastic contact model of ellipsoid bodies. <i>Tribology Letters</i> , 2006, 21, 262-271.	2.6	57
5	A study of surface texturing and boundary slip on improving the load support of lubricated parallel sliding contacts. <i>Acta Mechanica</i> , 2013, 224, 365-381.	2.1	45
6	Experimental Investigation of Fully Plastic Contact of a Sphere Against a Hard Flat. <i>Journal of Tribology</i> , 2006, 128, 230-235.	1.9	44
7	Combined effect of texturing and boundary slippage in lubricated sliding contacts. <i>Tribology International</i> , 2013, 66, 274-281.	5.9	40
8	Deformation due to contact between a rough surface and a smooth ball. <i>Wear</i> , 2007, 262, 138-145.	3.1	34
9	Effect of Short-Term Deep-Pressure Portable Seat on Behavioral and Biological Stress in Children with Autism Spectrum Disorders: A Pilot Study. <i>Bioengineering</i> , 2022, 9, 48.	3.5	33
10	Physiological Effect of Deep Pressure in Reducing Anxiety of Children with ASD during Traveling: A Public Transportation Setting. <i>Bioengineering</i> , 2022, 9, 157.	3.5	29
11	Performance Comparison of Newtonian and Non-Newtonian Fluid on a Heterogeneous Slip/No-Slip Journal Bearing System Based on CFD-FSI Method. <i>Fluids</i> , 2022, 7, 225.	1.7	29
12	Kinetics and morphology analysis of struvite precipitated from aqueous solution under the influence of heavy metals: Cu ²⁺ , Pb ²⁺ , Zn ²⁺ . <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 37-43.	6.7	28
13	Computer-aided reverse engineering system in the design and production of orthotic insole shoes for patients with diabetes. <i>Cogent Engineering</i> , 2018, 5, 1470916.	2.2	28
14	Finite Element Analysis of Artificial Hip Joint Movement During Human Activities. <i>Procedia Engineering</i> , 2013, 68, 102-108.	1.2	27
15	Numerical Study of the Load-Carrying Capacity of Lubricated Parallel Sliding Textured Surfaces including Wall Slip. <i>Tribology Transactions</i> , 2014, 57, 134-145.	2.0	27
16	An analytical approach on the tribological behaviour of pocketed slider bearings with boundary slip including cavitation. <i>Lubrication Science</i> , 2017, 29, 133-152.	2.1	24
17	Deterministic repeated contact of rough surfaces. <i>Wear</i> , 2008, 264, 349-358.	3.1	23
18	Phosphate recovery through struvite-family crystals precipitated in the presence of citric acid: mineralogical phase and morphology evaluation. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2844-2855.	2.2	23

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19	Plastic Deterministic Contact of Rough Surfaces. <i>Journal of Tribology</i> , 2007, 129, 957-962.	1.9	21
20	Tresca stress evaluation of Metal-on-UHMWPE total hip arthroplasty during peak loading from normal walking activity. <i>Materials Today: Proceedings</i> , 2022, , .	1.8	21
21	Plastic deformation and contact area of an elasticâ€œplastic contact of ellipsoid bodies after unloading. <i>Tribology International</i> , 2007, 40, 1311-1318.	5.9	20
22	Optimization of the complex slip surface and its effect on the hydrodynamic performance of two-dimensional lubricated contacts. <i>Computers and Fluids</i> , 2013, 79, 27-43.	2.5	20
23	The Effect of Repeated Impingement on UHMWPE Material in Artificial Hip Joint during Salat Activities. <i>Advanced Materials Research</i> , 0, 896, 272-275.	0.3	19
24	Kinetics and morphological characteristics of struvite (MgNH ₄ PO ₄ .6H ₂ O) under the influence of maleic acid. <i>Heliyon</i> , 2020, 6, e03533.	3.2	18
25	Elastohydrodynamic behavior analysis on water-lubricated journal bearing: a study of acoustic and tribological performance based on CFD-FSI approach. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2022, 44, 1.	1.6	18
26	The Subjective Comfort Test of Autism Hug Machine Portable Seat. <i>Journal of Intellectual Disability - Diagnosis and Treatment</i> , 2021, 9, 182-188.	0.3	15
27	Numerical Study of Salat Movements for Total Hip Replacement Patient. <i>Applied Mechanics and Materials</i> , 0, 493, 426-431.	0.2	13
28	Numerical investigation of the combined effects of slip and texture on tribological performance of bearing. <i>Tribology - Materials, Surfaces and Interfaces</i> , 2016, 10, 86-89.	1.4	13
29	Range of Motion Simulation of Hip Joint Movement During Salat Activity. <i>Journal of Arthroplasty</i> , 2017, 32, 2898-2904.	3.1	13
30	Investigation of the Tribological Performance of Heterogeneous Slip/No-Slip Journal Bearing Considering Thermo-Hydrodynamic Effects. <i>Fluids</i> , 2021, 6, 48.	1.7	13
31	CFD Analysis of Journal Bearing with a Heterogeneous Rough/Smooth Surface. <i>Lubricants</i> , 2021, 9, 88.	2.9	13
32	Influence of roughness on the behavior of three-dimensional journal bearing based on fluid-structure interaction approach. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 4783-4790.	1.5	12
33	Advanced design and manufacturing of custom orthotics insoles based on hybrid Taguchi-response surface method. <i>Heliyon</i> , 2021, 7, e06481.	3.2	12
34	Optimisation of cutting parameters of new material orthotic insole using a Taguchi and response surface methodology approach. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 3613-3632.	6.4	12
35	Human Bone Marrow-Derived Mesenchymal Cell Reactions to 316L Stainless Steel: An in Vitro Study on Cell Viability and Interleukin-6 Expression. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 335-338.	1.4	12
36	Stick-Slip Behaviour of a Viscoelastic Flat Sliding along a Rigid Indenter. <i>Tribology Online</i> , 2016, 11, 512-518.	0.9	11

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37	Multiphase Computational Fluid Dynamics Analysis of Hydrodynamic Journal Bearing Under the Combined Influence of Texture and Slip. <i>Lubricants</i> , 2019, 7, 97.	2.9	11
38	Thermal analysis of disc brakes using finite element method. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	10
39	Optimal Design and Fabrication of Shoe Lasts for Ankle Foot Orthotics for Patients With Diabetes. <i>International Journal of Manufacturing, Materials, and Mechanical Engineering</i> , 2019, 9, 62-80.	0.4	10
40	Running-in Analysis of Transmission Gear. <i>Tribology in Industry</i> , 2021, 43, 434-441.	1.1	10
41	Modeling of Repeated Rolling Contact of Rigid Ball on Rough Surface: Residual Stress and Plastic Strain Analysis. <i>Procedia Engineering</i> , 2013, 68, 593-599.	1.2	8
42	A Bipolar Artificial Hip Joint Design for Contact Impingement Reduction. <i>Advanced Materials Research</i> , 0, 1123, 164-168.	0.3	8
43	A comparison between mechanical properties of UHMWPE from ram extrusion process and UHMWPE from compression molding process for a hip joint liner. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 432, 012007.	0.6	8
44	Understanding the occurrence of a wavy wear track on elastomeric materials. <i>Wear</i> , 2018, 412-413, 23-29.	3.1	8
45	Reverse Innovative Design of Insole Shoe Orthotic for Diabetic Patient. <i>Journal of Engineering and Applied Sciences</i> , 2019, 14, 106-113.	0.2	8
46	Simulasi Prediksi Tekanan Kontak pada Permukaan Acetabular Cup dengan Aplikasi Permukaan Bertekstur pada Total Hip Arthroplasty. <i>Jurnal Rekayasa Mesin</i> , 2020, 15, 237.	0.0	8
47	Numerical Simulation of Artificial Hip Joint Movement for Western and Japanese-Style Activities. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 66, .	0.4	7
48	A Comparative Study of Finite Journal Bearing in Laminar and Turbulent Regimes Using CFD (Computational Fluid Dynamic). <i>MATEC Web of Conferences</i> , 2016, 58, 04001.	0.2	7
49	Calcium Carbonate Scale Formation in Copper Pipes on Laminar Flow. <i>MATEC Web of Conferences</i> , 2016, 58, 01029.	0.2	7
50	Effect of surface texturing on the performance of artificial hip joint for Muslim prayer (Salat) activity. <i>Biotribology</i> , 2021, 26, 100177.	1.9	7
51	CNC milling of EVA foam with varying hardness for custom orthotic shoe insoles and process parameter optimization. <i>Journal of Mechanical Engineering and Sciences</i> , 2019, 13, 5347-5370.	0.6	7
52	Friction Reduction in Lubricated-MEMS with Complex Slip Surface Pattern. <i>Procedia Engineering</i> , 2013, 68, 331-337.	1.2	6
53	Radial forces analysis and rotational speed test of radial permanent magnetic bearing for horizontal axis wind turbine applications. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	6
54	Numerical Investigation of Texturing and Wall Slip in Lubricated Sliding Contact Considering Cavitation. <i>Tribology Online</i> , 2017, 12, 67-75.	0.9	6

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55	Optimization of Struvite Crystallization and Heavy Metal Recovery in Wastewater using Response Surface Methodology. <i>Oriental Journal of Chemistry</i> , 2018, 34, 336-345.	0.3	6
56	Reverse engineering from 3D mesh to ceramic product in the form of miranda kerr tea for one teapot in PT doulton Indonesia. <i>Cogent Engineering</i> , 2021, 8, .	2.2	6
57	Wear analysis of acetabular cup on metal-on-metal total hip arthroplasty with dimple addition using finite element method. <i>AIP Conference Proceedings</i> , 2022, , .	0.4	6
58	Crystallization of struvite in the presence of calcium ions: Change in reaction rate, morphology and chemical composition. <i>Cogent Engineering</i> , 2022, 9, .	2.2	6
59	Topographical Change of Engineering Surface due to Running-in of Rolling Contacts. , 0, , .		5
60	Synthesis and Characterisation of Struvite Family Crystals by An Aqueous Precipitation Method. <i>MATEC Web of Conferences</i> , 2016, 58, 01006.	0.2	5
61	Analysis of the Contact Area of Smooth and Rough Surfaces in Contact with Sphere Indenter Using Finite Element Method. <i>MATEC Web of Conferences</i> , 2016, 58, 04007.	0.2	5
62	Analysis of AISI material power of AISI 4140 bucket teeth excavator using influence of abrasive wear. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	5
63	Optimization Parameters Tooling Design to Increase the Surface Quality of Orthotic Insole Shoes using the Taguchi Approach and Surface Response Methods. <i>Materials Today: Proceedings</i> , 2019, 13, 47-52.	1.8	5
64	Graphite as Dry Lubricant to Reduce Rail Wheels Wear Level. <i>Materials Science Forum</i> , 0, 961, 126-133.	0.3	5
65	Simulation of Excavator Bucket Pressuring Through Finite Element Method. <i>Civil Engineering Journal (Iran)</i> , 2018, 4, 478.	3.9	5
66	Modeling of Repeated Rolling Contact on Rough Surface: Surface Topographical Change. <i>Advanced Materials Research</i> , 0, 896, 642-645.	0.3	4
67	Strength analysis of monocoque frame construction in an electric city car using finite element method. , 2015, , .		4
68	The Effect of a Hydrophobic Coating Material on Friction in a Micro-Slider Bearing: A Numerical Analysis. <i>Advanced Materials Research</i> , 0, 1123, 42-45.	0.3	4
69	Finite element study of contact pressure distribution on inner and outer liner in the bipolar hip prosthesis. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	4
70	Theoretical investigation of boundary slip on the hydrodynamic lubrication performance in pocketed bearings including cavitation. <i>International Journal of Surface Science and Engineering</i> , 2017, 11, 100.	0.4	4
71	Milling strategy optimized for orthotics insole to enhance surface roughness and machining time by Taguchi and response surface methodology. <i>Journal of Industrial and Production Engineering</i> , 2019, 36, 237-247.	3.1	4
72	Effect of inertia on the cavitation phenomena of hydrodynamic textured bearings considering slip. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	4

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73	Study of an Additional Layer of Cement Mantle Hip Joints for Reducing Cracks. Journal of Functional Biomaterials, 2019, 10, 40.	4.4	4
74	Reducing Contact Stress of the Surface by Modifying Different Hardness of Femoral Head and Cup in Hip Prosthesis. Frontiers in Mechanical Engineering, 2021, 7, .	1.8	4
75	Analysis of the Effect of the Slip-Pocket in Single and Double Parallel Bearing Considering Cavitation: A Theoretical Approach. Lubricants, 2021, 9, 3.	2.9	4
76	Reconstruction of the artificial knee joint using a reverse engineering approach based on computer-aided design. Journal of Medical Engineering and Technology, 2022, 46, 136-147.	1.4	4
77	Two-Dimensional Finite Element Analysis on Running-in of Elastic-Plastic Rolling Contact. , 2010, , .		3
78	Optimization of Calcium Sulfate Precipitated in the Laminar Flow Pipe Through Response Surface Modeling of Temperature, Ca ²⁺ Concentration and Citric Acid Additives. Oriental Journal of Chemistry, 2016, 32, 3145-3154.	0.3	3
79	Study the effect of surface texturing on the stress distribution of UHMWPE as a bearing material during rolling motion. AIP Conference Proceedings, 2016, , .	0.4	3
80	Microstructure analysis in friction welding of copper and aluminum. AIP Conference Proceedings, 2016, , .	0.4	3
81	Effects of the Optimised pH and Molar Ratio on Struvite Precipitation in Aqueous System. MATEC Web of Conferences, 2016, 58, 01018.	0.2	3
82	Study of Unipolar and Bipolar Hip Prostheses Using Finite Element Simulation: Contact Stress Analysis. Key Engineering Materials, 0, 739, 96-102.	0.4	3
83	Numerical Analysis Of Stress Distribution On Artificial Hip Joint Due To Jump Activity. E3S Web of Conferences, 2018, 73, 12005.	0.5	3
84	An analytical study of the wear pattern of an abraded rubber surface: the interaction model. Tribology - Materials, Surfaces and Interfaces, 2018, 12, 186-192.	1.4	3
85	Optimization of Mechanical Parameters on Outsole Shoes Orthotic Comfort Using Finite Element Analysis. , 2019, , .		3
86	Simulation of manufacturing strategy of an orthotic boots shoe insole product with a Computer-Aided Manufacturing for club foot patient. IOP Conference Series: Materials Science and Engineering, 2021, 1034, 012095.	0.6	3
87	Optimization of Manufacturing Process Parameters for the Product of ISO-Diabetes Patients with High Risk Classes. Advanced Science Letters, 2017, 23, 11910-11917.	0.2	3
88	Influence of Citric Acid on Struvite Precipitation. Advanced Science Letters, 2017, 23, 12231-12234.	0.2	3
89	Analysis of Rake Angle Effect to Stress Distribution on Excavator Bucket Teeth Using Finite Element Method. Civil Engineering Journal (Iran), 2018, 3, 1222.	3.9	3
90	Short communication: Running-in behavior on single-mobility total hip arthroplasty. Medical Engineering and Physics, 2022, 104, 103806.	1.7	3

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91	Criterion for surface contact deformation of metals. <i>TriboTest Journal: Tribology and Lubrication in Practice</i> , 2007, 13, 1-11.	0.7	2
92	New Material Development for Surface Layer and Surface Technology in Tribology Science to Improve Energy Efficiency. , 2009, , .		2
93	The Observation of the Steady State Phase on Rolling Contact Using Finite Element Analysis. , 2011, , .		2
94	A test method to study the change in surface topography due to running-in of a rolling contact. <i>Lubrication Science</i> , 2013, 25, 369-377.	2.1	2
95	The Effect of the Wall Thickness on Wear of an UHMWPE Acetabular Liner. <i>Advanced Materials Research</i> , 0, 1123, 196-200.	0.3	2
96	Numerical Investigation of the Plastic Contact Deformation between Hemispheres: Variation of Radii Ratio and Normal Loads. <i>Advanced Materials Research</i> , 0, 1123, 16-19.	0.3	2
97	Load Support Improvement on Superhydrophobic Surface in Lubricated-MEMS Using Numerical Investigation. <i>Advanced Materials Research</i> , 0, 1123, 3-6.	0.3	2
98	Investigation on the Elastic Modulus of Rubber-Like Materials by Straight Blade Indentation Using Numerical Analysis. <i>Advanced Materials Research</i> , 0, 1123, 55-58.	0.3	2
99	The Influence of Vibration on CaCO ₃ Scale Formation in Piping System. <i>MATEC Web of Conferences</i> , 2016, 58, 01027.	0.2	2
100	Numerical Modelling of Surface Texturing of UHMWPE under Influence of Normal Load. <i>Materials Science Forum</i> , 0, 864, 8-12.	0.3	2
101	Tribological characteristic enhancement effects by polymer thickened oil in lubricated sliding contacts. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
102	Numerical investigation of pocketed slip slider bearing with non-Newtonian lubricant. <i>Tribology - Materials, Surfaces and Interfaces</i> , 2016, 10, 64-69.	1.4	2
103	The von Mises stress distribution on the surface of UHMWPE with texture-shaped variation in the presence of normal load and dry sliding contact. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
104	Influence of boundary slip layout on the hydrodynamic performance of partially textured journal bearing by CFD method. <i>MATEC Web of Conferences</i> , 2018, 204, 04008.	0.2	2
105	Effect of eccentricity ratio on the hydrodynamic performance of journal bearing considering cavitation. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	2
106	Analysis of non-Newtonian lubricated textured contact for mixed slip/no-slip configuration considering cavitation. <i>Journal of Physics: Conference Series</i> , 2019, 1217, 012014.	0.4	2
107	Simulation Load Parameter on Bipolar Artificial Hip Joint Using Finite Element Method (FEM). <i>Materials Today: Proceedings</i> , 2019, 13, 305-310.	1.8	2
108	Stress Analysis of the Friction Contact on filled Styrene Butadiene Rubber by a Blade Indentation: A Numerical Investigation. <i>Materials Today: Proceedings</i> , 2019, 13, 293-298.	1.8	2

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109	Semi Reverse Innovative Design of Insole Shoes Orthotic for Patient with Club Foot. , 2019, , .		2
110	Mechanical properties of Carbon-matrix composites for a blade runnerâ€™s artificial leg. Cogent Engineering, 2021, 8, .	2.2	2
111	Puzzle Islamic Floral Patterns Product Tiles for Wall and Ceiling to Decorate of Al Huda Mosque Indonesiaâ€™ Design, Manufacturing, and Fabrication. Lecture Notes in Mechanical Engineering, 2020, , 549-562.	0.4	2
112	Friction and Wear Pattern of Silica-Reinforced Styrene-Butadiene Rubber (SBR) in Sliding Contact with a Blade Indenter. Lubricants, 2021, 9, 110.	2.9	2
113	Chairless Chairs for Orthopedic Surgery Purpose â€™ A Literature Review. Open Access Macedonian Journal of Medical Sciences, 2022, 10, 146-152.	0.2	2
114	Closure to â€™Discussion of â€™Experimental Investigation of Fully Plastic Contact of a Sphere Against a Hard Flatâ€™ (2007, ASME J. Tribol., 129, p. 700). Journal of Tribology, 2007, 129, 701-701.	1.9	1
115	Optimization of partial slip surface at lubricated-MEMS. , 2011, , .		1
116	Effect of Boundary Slip on The Load Support in A Lubricated Sliding Contact. , 2011, , .		1
117	A numerical investigation on mechanical property improvement of styrene butadine rubber by static straight blade indentation. AIP Conference Proceedings, 2016, , .	0.4	1
118	Effect of Calcium Additive on the Crystallization of Struvite. MATEC Web of Conferences, 2016, 58, 01007.	0.2	1
119	Autist mobile seatâ€™s frame strength simulation used in a car. AIP Conference Proceedings, 2016, , .	0.4	1
120	The effect of boundary slip and cavitation on hydrodynamic pressure generation in pocket bearings. AIP Conference Proceedings, 2016, , .	0.4	1
121	A Method for Characterizing Running-In of Sliding Contacts. Key Engineering Materials, 2016, 681, 228-233.	0.4	1
122	Design of a hip prosthetic tribometer based on salat gait cycle. AIP Conference Proceedings, 2017, , .	0.4	1
123	Finite Element Study of the Effect of UHMWPE Liner Thickness on the Contact Area and Stress Distribution in a Bipolar Hip Joint. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012095.	0.6	1
124	Study the effect of wear rate on impingement failure of an acetabular liner surface based on finite element analysis. International Journal of Materials and Product Technology, 2017, 55, 340.	0.2	1
125	Investigation of the Influence of Shapes-Texture on Surface Deformation of UHMWPE as a Bearing Material in Static Normal Load and Rolling Contact. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012098.	0.6	1
126	Controlling of magnesium carbonate scale deposition on the piping system with laminar flow and in the presence of alumina. AIP Conference Proceedings, 2018, , .	0.4	1

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127	Effect of texture shape on the hydrodynamic lubrication performance of the sliding textured contact: a numerical approach. <i>Journal of Physics: Conference Series</i> , 2018, 1090, 012027.	0.4	1
128	Inertia effect of textured lubricated contact on the bearing performance using CFD approach. <i>Journal of Physics: Conference Series</i> , 2018, 1090, 012041.	0.4	1
129	A study of the compression molding method for manufacturing a UHMWPE liner. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 432, 012006.	0.6	1
130	The influence of wave frequency of solenoid magnetic field on CaCO ₃ scale formation in piping system. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
131	Improvement of wear resistant of railway wheel by using graphite in various speeds based on disc-on-disc contact system. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
132	Controlling of Calcium Carbonate Scale Deposition on the Piping System with Laminar Flow and in the Presence of Citric Acids. <i>Journal of Physics: Conference Series</i> , 2019, 1150, 012058.	0.4	1
133	Interaction of inertia and cavitation in textured hydrodynamically lubricated bearing in very low sliding velocity considering slip. <i>Journal of Physics: Conference Series</i> , 2020, 1517, 012005.	0.4	1
134	Reverse innovative design and manufacturing strategy for optimizing production time of customized orthotic insoles with CNC milling. <i>Journal of Physics: Conference Series</i> , 2020, 1517, 012045.	0.4	1
135	Inertia and slip effect on a single textured hydrodynamic thrust bearing using CFD methods. <i>Journal of Physics: Conference Series</i> , 2020, 1517, 012011.	0.4	1
136	Computational Analysis of Different Designed Hip Joint Prostheses Using Finite Element Method. , 2020, , .		1
137	Friction Characteristics of Liquid Lubricated MEMS with Deterministic Boundary Slippage. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 66, .	0.4	1
138	Determining Optimal Toolpath Strategy in the Manufacture of Insole Shoe Orthotic Made from Eva Foam Rubber for Diabetes Patients. <i>Advanced Science Letters</i> , 2017, 23, 11902-11909.	0.2	1
139	Comparison of the Effect of Texturing Modes and Boundary Slip on Tribological Performance of Journal Bearing. <i>Advanced Science Letters</i> , 2017, 23, 11918-11921.	0.2	1
140	RANCANG BANGUN ALAT UJI KEAUSAN BERBASIS SISTEM KONTAK DISC-ON-DISC. <i>Turbo: Jurnal Program Studi Teknik Mesin</i> , 2018, 7, .	0.0	1
141	Initial response of human bone marrow-derived stem cells after contact with ultrahigh-molecular-weight polyethylene (UHMWPE) material: An in vitro study on cell viability and interleukin-6 expression. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2018, 10, 43.	0.6	1
142	Computer-Aided Design for Analyzing the Influence of Single Radius on Flexion Angle of Artificial Knee Joint. , 2021, , .		1
143	Design and production of multifunctional food oven with energy-saving gas fuel. <i>IOP Conference Series: Earth and Environmental Science</i> , 2022, 969, 012023.	0.3	1
144	Advanced Design and Fabrication of Islamic Tile Ceramic Wall Tiles With Indonesian Batik Patterns Using Artistic CAD/CAM and 3D Printing Technology. <i>Frontiers in Mechanical Engineering</i> , 2022, 7, .	1.8	1

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145	Data transfer analysis of the homogeneous rough surface of a solid model into a CAE system with varying file data formats. Cogent Engineering, 2022, 9, .	2.2	1
146	Hydrodynamic lubrication analysis of hydrophobic textured journal bearing considering cavitation. Cogent Engineering, 2022, 9, .	2.2	1
147	Experimental testing of centrifugal pump: small and medium sized enterprise product. IOP Conference Series: Materials Science and Engineering, 2014, 58, 012008.	0.6	0
148	Numerical analysis for cavitation flow of marine propeller. AIP Conference Proceedings, 2015, , .	0.4	0
149	Modified Design of Pin-on-Ring Tribometer for Hip Joint Prostheses Measurement; Case Study on Salat Activity. Makara Journal of Technology, 2015, 18, 133.	0.3	0
150	Influence of superoleophobic layer on the lubrication performance of partially textured bearing including cavitation. AIP Conference Proceedings, 2016, , .	0.4	0
151	The beneficial effect of superhydrophobic layer addition on lubrication behavior in bearing application. AIP Conference Proceedings, 2016, , .	0.4	0
152	Finite element analysis of the impingement on the acetabular liner rim due to wear of the acetabular liner surface. AIP Conference Proceedings, 2016, , .	0.4	0
153	Fixation strength analysis of cup to bone material using finite element simulation. AIP Conference Proceedings, 2016, , .	0.4	0
154	Estimation of appropriate lubricating film thickness in ceramic-on-ceramic hip prostheses. AIP Conference Proceedings, 2016, , .	0.4	0
155	The effect of linear spring number at side load of McPherson suspension in electric city car. AIP Conference Proceedings, 2017, , .	0.4	0
156	The effect of load and thickness variation on stress analysis of monocoque frame of electric city car using FEM. AIP Conference Proceedings, 2017, , .	0.4	0
157	CFD analysis of artificial slippage and surface texturing in lubricated sliding contact considering cavitation. AIP Conference Proceedings, 2017, , .	0.4	0
158	The beneficial effect of slip on the hydrodynamic lubrication in the lubricated sliding contact. AIP Conference Proceedings, 2017, , .	0.4	0
159	Redesigning the continuous vacuum sealer packaging machine to improve the processing speed. AIP Conference Proceedings, 2017, , .	0.4	0
160	The use of curve wizard method for generating rough surface in CAD model and data transferring analysis in CAE model. , 2017, , .		0
161	PENGARUH TEKSTUR PERMUKAAN MATERIAL UHMWPE TERHADAP DISTRIBUSI TEGANGAN PADA BEBAN KONTAK STATIC, ROLLING DAN SLIDING. Rotasi, 2017, 18, 13.	0.0	0
162	Pemodelan Metode Elemen Hingga Kontak Femoral Head dengan Acetabular Liner pada Sendi Panggul Buatan dengan Variasi Diameter Celah pada Acetabular Liner. Rotasi, 2017, 19, 139.	0.0	0

#	ARTICLE	IF	CITATIONS
163	Vector Analysis of Ionic Collision on CaCO ₃ Precipitation Based on Vibration Time History. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012100.	0.6	0
164	Optimized Phosphate Recovery Through MAP Precipitation in an Air Agitated Column Reactor. Oriental Journal of Chemistry, 2018, 34, 3044-3051.	0.3	0
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