

Jamari Jamari

List of Publications by Year in descending order

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194
papers

1,435
citations

394421

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all docs

196
docs citations

196
times ranked

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Reconstruction of the artificial knee joint using a reverse engineering approach based on computer-aided design. <i>Journal of Medical Engineering and Technology</i> , 2022, 46, 136-147.	1.4	4
5	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
6	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
7	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
8	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
9	Chairless Chairs for Orthopedic Surgery Purpose – A Literature Review. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2022, 10, 146-152.	0.2	2
10	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
11	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
12	Data transfer analysis of the homogeneous rough surface of a solid model into a CAE system with varying file data formats. <i>Cogent Engineering</i> , 2022, 9, .	2.2	1
13	Short communication: Running-in behavior on single-mobility total hip arthroplasty. <i>Medical Engineering and Physics</i> , 2022, 104, 103806.	1.7	3
14	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
15	Hydrodynamic lubrication analysis of hydrophobic textured journal bearing considering cavitation. <i>Cogent Engineering</i> , 2022, 9, .	2.2	1
16	Study of Lubrication Fluid Pressure in Artificial Hip Joint During Bowing (Ruku™). <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 303-306.	0.4	0
17	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
18	Mechanical properties of Carbon-matrix composites for a blade runner™s artificial leg. <i>Cogent Engineering</i> , 2021, 8, .	2.2	2

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19	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
20	Simulation of manufacturing strategy of an orthotic boots shoe insole product with a Computer-Aided Manufacturing for club foot patient. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1034, 012095.	0.6	3
21	Application of semi reverse innovative design for a bootâ€™s shoes orthotic for children with club foot. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1034, 012006.	0.6	0
22	Advanced design and manufacturing of custom orthotics insoles based on hybrid Taguchi-response surface method. <i>Heliyon</i> , 2021, 7, e06481.	3.2	12
23	Effect of the Optimized Temperature and pH Solution on the Crystallization of Struvite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1125, 012091.	0.6	0
24	Reducing Contact Stress of the Surface by Modifying Different Hardness of Femoral Head and Cup in Hip Prosthesis. <i>Frontiers in Mechanical Engineering</i> , 2021, 7, .	1.8	4
25	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
26	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
27	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
28	CFD Analysis of Journal Bearing with a Heterogeneous Rough/Smooth Surface. <i>Lubricants</i> , 2021, 9, 88.	2.9	13
29	Running-in Analysis of Transmission Gear. <i>Tribology in Industry</i> , 2021, 43, 434-441.	1.1	10
30	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
31	Analysis of the Effect of the Slip-Pocket in Single and Double Parallel Bearing Considering Cavitation: A Theoretical Approach. <i>Lubricants</i> , 2021, 9, 3.	2.9	4
32	Friction and Wear Pattern of Silica-Reinforced Styrene-Butadiene Rubber (SBR) in Sliding Contact with a Blade Indenter. <i>Lubricants</i> , 2021, 9, 110.	2.9	2
33	Study of Struvite Crystal Growth with The Addition of Tartaric Acid. <i>E3S Web of Conferences</i> , 2021, 328, 01003.	0.5	0
34	Computer-Aided Design for Analyzing the Influence of Single Radius on Flexion Angle of Artificial Knee Joint. , 2021, , .		1
35	Tresca Stress Simulation of Metal-on-Metal Total Hip Arthroplasty during Normal Walking Activity. <i>Materials</i> , 2021, 14, 7554.	2.9	118
36	The contact analysis of body and cover coconut shell pen using abaqus. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0

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37	Contact mechanism between shaft, key, and crank in the sand sieving machine. AIP Conference Proceedings, 2020, , .	0.4	0
38	Interaction of inertia and cavitation in textured hydrodynamically lubricated bearing in very low sliding velocity considering slip. Journal of Physics: Conference Series, 2020, 1517, 012005.	0.4	1
39	Reverse innovative design and manufacturing strategy for optimizing production time of customized orthotic insoles with CNC milling. Journal of Physics: Conference Series, 2020, 1517, 012045.	0.4	1
40	Inertia and slip effect on a single textured hydrodynamic thrust bearing using CFD methods. Journal of Physics: Conference Series, 2020, 1517, 012011.	0.4	1
41	Computational Analysis of Different Designed Hip Joint Prostheses Using Finite Element Method. , 2020, , .		1
42	Kinetics and morphological characteristics of struvite (MgNH ₄ PO ₄ ·6H ₂ O) under the influence of maleic acid. Heliyon, 2020, 6, e03533.	3.2	18
43	Numerical Investigation of the Sliding Contact of Tire Rubber Material Due to a Blade Sliding Indentation. Lecture Notes in Mechanical Engineering, 2020, , 617-627.	0.4	0
44	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
45	Simulasi Prediksi Tekanan Kontak pada Permukaan Acetabular Cup dengan Aplikasi Permukaan Bertekstur pada Total Hip Arthroplasty. Jurnal Rekayasa Mesin, 2020, 15, 237.	0.0	8
46	Ankle Foot Orthotic (AFO) for Deformity Patients: The Design and Manufacturing of Shoes Orthotics. Lecture Notes in Mechanical Engineering, 2020, , 533-547.	0.4	0
47	Effect of eccentricity ratio on the hydrodynamic performance of journal bearing considering cavitation. AIP Conference Proceedings, 2019, , .	0.4	2
48	The effect of femoral head size on the cement mantle in the layered artificial hip joint. AIP Conference Proceedings, 2019, , .	0.4	0
49	The influence of wave frequency of solenoid magnetic field on CaCO ₃ scale formation in piping system. AIP Conference Proceedings, 2019, , .	0.4	1
50	Improvement of wear resistant of railway wheel by using graphite in various speeds based on disc-on-disc contact system. AIP Conference Proceedings, 2019, , .	0.4	1
51	Milling strategy optimized for orthotics insole to enhance surface roughness and machining time by Taguchi and response surface methodology. Journal of Industrial and Production Engineering, 2019, 36, 237-247.	3.1	4
52	Analysis of non-Newtonian lubricated textured contact for mixed slip/no-slip configuration considering cavitation. Journal of Physics: Conference Series, 2019, 1217, 012014.	0.4	2
53	Simulation Load Parameter on Bipolar Artificial Hip Joint Using Finite Element Method (FEM). Materials Today: Proceedings, 2019, 13, 305-310.	1.8	2
54	Stress Analysis of the Friction Contact on filled Styrene Butadiene Rubber by a Blade Indentation: A Numerical Investigation. Materials Today: Proceedings, 2019, 13, 293-298.	1.8	2

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55	Effect of inertia on the cavitation phenomena of hydrodynamic textured bearings considering slip. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	4
56	Influence of roughness on the behavior of three-dimensional journal bearing based on fluid-structure interaction approach. Journal of Mechanical Science and Technology, 2019, 33, 4783-4790.	1.5	12
57	Optimization Parameters Tooling Design to Increase the Surface Quality of Orthotic Insole Shoes using the Taguchi Approach and Surface Response Methods. Materials Today: Proceedings, 2019, 13, 47-52.	1.8	5
58	Hydrodynamic performance of square shape textured parallel sliding contacts considering fluid-solid interfacial slip. AIP Conference Proceedings, 2019, , .	0.4	0
59	Controlling of Calcium Carbonate Scale Deposition on the Piping System with Laminar Flow and in the Presence of Citric Acids. Journal of Physics: Conference Series, 2019, 1150, 012058.	0.4	1
60	Optimal Design and Fabrication of Shoe Lasts for Ankle Foot Orthotics for Patients With Diabetes. International Journal of Manufacturing, Materials, and Mechanical Engineering, 2019, 9, 62-80.	0.4	10
61	Optimization and Controlling of FeCO ₃ Scale Deposition on the Piping System with Laminar Flow and in The Presence of Zeolite Absorbance. IOP Conference Series: Materials Science and Engineering, 2019, 494, 012023.	0.6	0
62	Semi Reverse Innovative Design of Insole Shoes Orthotic for Patient with Club Foot. , 2019, , .		2
63	Optimization of Mechanical Parameters on Outsole Shoes Orthotic Comfort Using Finite Element Analysis. , 2019, , .		3
64	Study of an Additional Layer of Cement Mantle Hip Joints for Reducing Cracks. Journal of Functional Biomaterials, 2019, 10, 40.	4.4	4
65	Multiphase Computational Fluid Dynamics Analysis of Hydrodynamic Journal Bearing Under the Combined Influence of Texture and Slip. Lubricants, 2019, 7, 97.	2.9	11
66	CNC milling of EVA foam with varying hardness for custom orthotic shoe insoles and process parameter optimization. Journal of Mechanical Engineering and Sciences, 2019, 13, 5347-5370.	0.6	7
67	Reverse Innovative Design of Insole Shoe Orthotic for Diabetic Patient. Journal of Engineering and Applied Sciences, 2019, 14, 106-113.	0.2	8
68	Kinetics and morphology analysis of struvite precipitated from aqueous solution under the influence of heavy metals: Cu ²⁺ , Pb ²⁺ , Zn ²⁺ . Journal of Environmental Chemical Engineering, 2018, 6, 37-43.	6.7	28
69	Optimized Phosphate Recovery Through MAP Precipitation in an Air Agitated Column Reactor. Oriental Journal of Chemistry, 2018, 34, 3044-3051.	0.3	0
70	3D Numerical study on the effect of shaft eccentricity on the tribological performance of lubricated sliding contact. MATEC Web of Conferences, 2018, 159, 02042.	0.2	0
71	The Influence of Various Vibration Frequency on Barium Sulfate Scale Formation Of Vibrated Piping System In The Presence Citric Acid. Journal of Physics: Conference Series, 2018, 953, 012247.	0.4	0
72	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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73	Influence of boundary slip layout on the hydrodynamic performance of partially textured journal bearing by CFD method. MATEC Web of Conferences, 2018, 204, 04008.	0.2	2
74	Study of Sensor Deflection in Hip Simulator : Numerical and Experimental Method. E3S Web of Conferences, 2018, 73, 01022.	0.5	0
75	Numerical Analysis Of Stress Distribution On Artificial Hip Joint Due To Jump Activity. E3S Web of Conferences, 2018, 73, 12005.	0.5	3
76	The Contact Simulation Comparison of UHMWPE to the Crosslink Intensity Effect. E3S Web of Conferences, 2018, 73, 12014.	0.5	0
77	Effect of texture shape on the hydrodynamic lubrication performance of the sliding textured contact: a numerical approach. Journal of Physics: Conference Series, 2018, 1090, 012027.	0.4	1
78	Scaling Mitigation of Barium Sulfate in Vibrated Piping Systems Using Ethylene Diaminetetraacetic Acid. Advanced Science Letters, 2018, 24, 9726-9728.	0.2	0
79	Inertia effect of textured lubricated contact on the bearing performance using CFD approach. Journal of Physics: Conference Series, 2018, 1090, 012041.	0.4	1
80	CFD analysis of texture depth effect on the performance of hydrodynamic lubricated bearing. Journal of Physics: Conference Series, 2018, 1090, 012067.	0.4	0
81	Numerical simulation of artificial hip joint motion based on human age factor. Journal of Physics: Conference Series, 2018, 1025, 012093.	0.4	0
82	The Effect of Layer Variation Between Liner and Cement Mantle on Reducing Cracks of PMMA Material Hip Joints. E3S Web of Conferences, 2018, 73, 12013.	0.5	0
83	CaSO ₄ Scale Formation on Vibrated Piping System in the Presence Citric Acid. E3S Web of Conferences, 2018, 31, 01001.	0.5	0
84	Analysis of AISI material power of AISI 4140 bucket teeth excavator using influence of abrasive wear. AIP Conference Proceedings, 2018, , .	0.4	5
85	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
86	Computer-aided reverse engineering system in the design and production of orthotic insole shoes for patients with diabetes. Cogent Engineering, 2018, 5, 1470916.	2.2	28
87	Kinetics Analysis of Synthesis Reaction of Struvite With Air-Flow Continous Vertical Reactors. Journal of Physics: Conference Series, 2018, 953, 012245.	0.4	0
88	Understanding the occurrence of a wavy wear track on elastomeric materials. Wear, 2018, 412-413, 23-29.	3.1	8
89	Optimization of Struvite Crystallization and Heavy Metal Recovery in Wastewater using Response Surface Methodology. Oriental Journal of Chemistry, 2018, 34, 336-345.	0.3	6
90	Synthesis of Struvite using a Vertical Canted Reactor with Continuous Laminar Flow Process. Journal of Physics: Conference Series, 2018, 953, 012244.	0.4	0

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91	RANCANG BANGUN ALAT UJI KEALUSAN BERBASIS SISTEM KONTAK DISC-ON-DISC. Turbo: Jurnal Program Studi Teknik Mesin, 2018, 7, .	0.0	1
92	Simulation of Excavator Bucket Pressuring Through Finite Element Method. Civil Engineering Journal (Iran), 2018, 4, 478.	3.9	5
93	Initial response of human bone marrowâ€derived stem cells after contact with ultrahigh-molecular-weight polyethylene (UHMWPE) material: An in vitro study on cell viability and interleukin-6 expression. Journal of Pharmacy and Bioallied Sciences, 2018, 10, 43.	0.6	1
94	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
95	Dimensional Accuracy and Surface Roughness of Acetabular Liner with UHMWPE: Assessment Results between Compression Molding and CNC Milling. International Review of Mechanical Engineering, 2018, 12, 516.	0.2	0
96	Phosphate recovery through struvite-family crystals precipitated in the presence of citric acid: mineralogical phase and morphology evaluation. Environmental Technology (United Kingdom), 2017, 38, 2844-2855.	2.2	23
97	Design of a hip prosthetic tribometer based on salat gait cycle. AIP Conference Proceedings, 2017, , .	0.4	1
98	The effect of linear spring number at side load of McPherson suspension in electric city car. AIP Conference Proceedings, 2017, , .	0.4	0
99	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
100	CFD analysis of artificial slippage and surface texturing in lubricated sliding contact considering cavitation. AIP Conference Proceedings, 2017, , .	0.4	0
101	Thermal analysis of disc brakes using finite element method. AIP Conference Proceedings, 2017, , .	0.4	10
102	Range of Motion Simulation of Hip Joint Movement During Salat Activity. Journal of Arthroplasty, 2017, 32, 2898-2904.	3.1	13
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. AIP Conference Proceedings, 2017, , .	0.4	2
104	The beneficial effect of slip on the hydrodynamic lubrication in the lubricated sliding contact. AIP Conference Proceedings, 2017, , .	0.4	0
105	Redesigning the continuous vacuum sealer packaging machine to improve the processing speed. AIP Conference Proceedings, 2017, , .	0.4	0
106	An analytical approach on the tribological behaviour of pocketed slider bearings with boundary slip including cavitation. Lubrication Science, 2017, 29, 133-152.	2.1	24
107	The use of curve wizard method for generating rough surface in CAD model and data transferring analysis in CAE model. , 2017, , .		0
108	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

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109	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
110	Theoretical investigation of boundary slip on the hydrodynamic lubrication performance in pocketed bearings including cavitation. International Journal of Surface Science and Engineering, 2017, 11, 100.	0.4	4
111	PENGARUH TEKSTUR PERMUKAAN MATERIAL UHMWPE TERHADAP DISTRIBUSI TEGANGAN PADA BEBAN KONTAK STATIC, ROLLING DAN SLIDING. Rotasi, 2017, 18, 13.	0.0	0
112	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
113	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
114	Numerical Investigation of Texturing and Wall Slip in Lubricated Sliding Contact Considering Cavitation. Tribology Online, 2017, 12, 67-75.	0.9	6
115	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
116	Determining Optimal Toolpath Strategy in the Manufacture of Insole Shoe Orthotic Made from Eva Foam Rubber for Diabetes Patients. Advanced Science Letters, 2017, 23, 11902-11909.	0.2	1
117	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
118	Comparison of the Effect of Texturing Modes and Boundary Slip on Tribological Performance of Journal Bearing. Advanced Science Letters, 2017, 23, 11918-11921.	0.2	1
119	Influence of Citric Acid on Struvite Precipitation. Advanced Science Letters, 2017, 23, 12231-12234.	0.2	3
120	Human Bone Marrow-Derived Mesenchymal Cell Reactions to 316L Stainless Steel: An in Vitro Study on Cell Viability and Interleukin-6 Expression. Advanced Pharmaceutical Bulletin, 2017, 7, 335-338.	1.4	12
121	Theoretical investigation of boundary slip on the hydrodynamic lubrication performance in pocketed bearings including cavitation. International Journal of Surface Science and Engineering, 2017, 11, 100.	0.4	0
122	Scale Formation of Barium Sulfate in the Piping Flow System: Mineralogy and Morphology Evaluation. Advanced Science Letters, 2017, 23, 12243-12246.	0.2	0
123	Geometrical Analysis of Artificial Rough Surfaces: Mathematical and CAD Model. Advanced Science Letters, 2017, 23, 12325-12329.	0.2	0
124	Use of Upflow Fluidized Bed Reactor (FBR) for Recovery Phosphorus from Waste-Water Through Struvite Precipitation. Advanced Science Letters, 2017, 23, 12263-12267.	0.2	0
125	Comparative Analysis Using Cavitation and No-Cavitation Models for Lubricated Journal Bearing: A Study Case of Effect of Radial Velocity. Advanced Science Letters, 2017, 23, 12322-12324.	0.2	0
126	Formation and Controlling of Struvite Crystals Using a Novel-Vertical Reactor: Study on Purity and Morphology Variation. Advanced Science Letters, 2017, 23, 12247-12251.	0.2	0

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127	A numerical investigation on mechanical property improvement of styrene butadiene rubber by static straight blade indentation. AIP Conference Proceedings, 2016, , .	0.4	1
128	Influence of superoleophobic layer on the lubrication performance of partially textured bearing including cavitation. AIP Conference Proceedings, 2016, , .	0.4	0
129	The Influence of Vibration on CaCO ₃ Scale Formation in Piping System. MATEC Web of Conferences, 2016, 58, 01027.	0.2	2
130	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
131	A Comparative Study of Finite Journal Bearing in Laminar and Turbulent Regimes Using CFD (Computational Fluid Dynamic). MATEC Web of Conferences, 2016, 58, 04001.	0.2	7
132	Stick-Slip Behaviour of a Viscoelastic Flat Sliding along a Rigid Indenter. Tribology Online, 2016, 11, 512-518.	0.9	11
133	Calcium Carbonate Scale Formation in Copper Pipes on Laminar Flow. MATEC Web of Conferences, 2016, 58, 01029.	0.2	7
134	Effect of Calcium Additive on the Crystallization of Struvite. MATEC Web of Conferences, 2016, 58, 01007.	0.2	1
135	The beneficial effect of superhydrophobic layer addition on lubrication behavior in bearing application. AIP Conference Proceedings, 2016, , .	0.4	0
136	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
137	Autist mobile seat's frame strength simulation used in a car. AIP Conference Proceedings, 2016, , .	0.4	1
138	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
139	Synthesis and Characterisation of Struvite Family Crystals by An Aqueous Precipitation Method. MATEC Web of Conferences, 2016, 58, 01006.	0.2	5
140	Radial forces analysis and rotational speed test of radial permanent magnetic bearing for horizontal axis wind turbine applications. AIP Conference Proceedings, 2016, , .	0.4	6
141	Finite element study of contact pressure distribution on inner and outer liner in the bipolar hip prosthesis. AIP Conference Proceedings, 2016, , .	0.4	4
142	Microstructure analysis in friction welding of copper and aluminum. AIP Conference Proceedings, 2016, , .	0.4	3
143	Effects of the Optimised pH and Molar Ratio on Struvite Precipitation in Aqueous System. MATEC Web of Conferences, 2016, 58, 01018.	0.2	3
144	Tribological characteristic enhancement effects by polymer thickened oil in lubricated sliding contacts. AIP Conference Proceedings, 2016, , .	0.4	2

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145	Analysis of the Contact Area of Smooth and Rough Surfaces in Contact with Sphere Indenter Using Finite Element Method. MATEC Web of Conferences, 2016, 58, 04007.	0.2	5
146	Fixation strength analysis of cup to bone material using finite element simulation. AIP Conference Proceedings, 2016, , .	0.4	0
147	The effect of boundary slip and cavitation on hydrodynamic pressure generation in pocket bearings. AIP Conference Proceedings, 2016, , .	0.4	1
148	Estimation of appropriate lubricating film thickness in ceramic-on-ceramic hip prostheses. AIP Conference Proceedings, 2016, , .	0.4	0
149	Numerical investigation of pocketed slip slider bearing with non-Newtonian lubricant. Tribology - Materials, Surfaces and Interfaces, 2016, 10, 64-69.	1.4	2
150	Numerical investigation of the combined effects of slip and texture on tribological performance of bearing. Tribology - Materials, Surfaces and Interfaces, 2016, 10, 86-89.	1.4	13
151	A Method for Characterizing Running-In of Sliding Contacts. Key Engineering Materials, 2016, 681, 228-233.	0.4	1
152	Numerical analysis for cavitation flow of marine propeller. AIP Conference Proceedings, 2015, , .	0.4	0
153	Strength analysis of monocoque frame construction in an electric city car using finite element method. , 2015, , .		4
154	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
155	THE EFFECT OF COMPONENT THICKNESS ON THE FLATTENING OF SURFACE ASPERITIES. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	0
156	Numerical Simulation of Artificial Hip Joint Movement for Western and Japanese-Style Activities. Jurnal Teknologi (Sciences and Engineering), 2014, 66, .	0.4	7
157	Numerical Study of the Load-Carrying Capacity of Lubricated Parallel Sliding Textured Surfaces including Wall Slip. Tribology Transactions, 2014, 57, 134-145.	2.0	27
158	Experimental testing of centrifugal pump: small and medium sized enterprise product. IOP Conference Series: Materials Science and Engineering, 2014, 58, 012008.	0.6	0
159	Friction Characteristics of Liquid Lubricated MEMS with Deterministic Boundary Slippage. Jurnal Teknologi (Sciences and Engineering), 2014, 66, .	0.4	1
160	Finite Element Analysis of Artificial Hip Joint Movement During Human Activities. Procedia Engineering, 2013, 68, 102-108.	1.2	27
161	A study of surface texturing and boundary slip on improving the load support of lubricated parallel sliding contacts. Acta Mechanica, 2013, 224, 365-381.	2.1	45
162	Modeling of Repeated Rolling Contact of Rigid Ball on Rough Surface: Residual Stress and Plastic Strain Analysis. Procedia Engineering, 2013, 68, 593-599.	1.2	8

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163	Friction Reduction in Lubricated-MEMS with Complex Slip Surface Pattern. <i>Procedia Engineering</i> , 2013, 68, 331-337.	1.2	6
164	Combined effect of texturing and boundary slippage in lubricated sliding contacts. <i>Tribology International</i> , 2013, 66, 274-281.	5.9	40
165	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
166	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
167	Optimization of partial slip surface at lubricated-MEMS. , 2011, , .		1
168	Effect of Boundary Slip on The Load Support in A Lubricated Sliding Contact. , 2011, , .		1
169	The Observation of the Steady State Phase on Rolling Contact Using Finite Element Analysis. , 2011, , .		2
170	Two-Dimensional Finite Element Analysis on Running-in of Elastic-Plastic Rolling Contact. , 2010, , .		3
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