Guangneng Dong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9389046/publications.pdf

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19	225	933447 10	1058476 14
papers	citations	h-index	g-index

19	19	19	230
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Laser-textured surface storing a carbon dots/poly(ethylene glycol)/chitosan gel with slow-release lubrication effect. RSC Advances, 2017, 7, 21600-21606.	3.6	25
2	An effective method of edge deburring for laser surface texturing of Co-Cr-Mo alloy. International Journal of Advanced Manufacturing Technology, 2018, 94, 1491-1503.	3.0	23
3	Laser textured Co-Cr-Mo alloy stored chitosan/poly(ethylene glycol) composite applied on artificial joints lubrication. Materials Science and Engineering C, 2017, 78, 239-245.	7.3	19
4	Effect of aqueous solution and load on the formation of DLC transfer layer against Coâ€“Crâ€“Mo for joint prosthesis. Journal of the Mechanical Behavior of Biomedical Materials, 2015, 49, 12-22.	3.1	15
5	Poly(ethylene glycol)/chitosan/sodium glycerophosphate gel replaced the joint capsule with slow-release lubricant after joint surgery. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 1331-1343.	3.5	15
6	Carbon dots intensified poly (ethylene glycol)/chitosan/sodium glycerophosphate hydrogel as artificial synovium tissue with slow-release lubricant. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 88, 261-269.	3.1	14
7	Effect of laser remelting on tribological properties of Babbitt alloy. Materials Research Express, 2019, 6, 096570.	1.6	14
8	Tribological properties of carbon fabric reinforced phenolic-based composites containing CNTs@MoS2 hybrids. Journal of Materials Science, 2019, 54, 14354-14366.	3.7	14
9	Slow-release lubrication effect of graphene oxide/poly(ethylene glycol) wrapped in chitosan/sodium glycerophosphate hydrogel applied on artificial joints. Materials Science and Engineering C, 2019, 98, 452-460.	7.3	13
10	PCEC hydrogel used on sustainedâ€release hyaluronic acid delivery with lubrication effect. Journal of Applied Polymer Science, 2018, 135, 46228.	2.6	11
11	One-pot synthesis and lubricity of fluorescent carbon dots applied on PCL-PEG-PCL hydrogel. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 1549-1565.	3.5	11
12	Biotribological application of poly(Îµ-caprolactone)-poly(ethylene glycol)-poly(Îµ-caprolactone) hydrogel as an efficient carrier with slow-release lubrication effect. Journal of Materials Science, 2017, 52, 12054-12066.	3.7	9
13	Graphene oxide/poly(ethylene glycol)/chitosan gel with slowâ€release lubrication applied on textured surface. Journal of Applied Polymer Science, 2018, 135, 45818.	2.6	9
14	Enhanced electrical/dielectrical properties of MWCNT@Fe3O4/polyimide flexible composite film aligned by magnetic field. Journal of Materials Science: Materials in Electronics, 2021, 32, 524-542.	2.2	9
15	Sustained-release application of PCEC hydrogel on laser-textured surface lubrication. Materials Research Express, 2018, 5, 065315.	1.6	7
16	Synergism of hollow MoS₂ nano-particles and WS₂ micro-particles on improving the tribological properties of carbon fiber fabric reinforced phenolic-based composites. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2019, 233, 1107-1116.	1.8	5
17	Preparation of small CNTs@Fe3O4 and alignment in carbon fabrics/epoxy composites to improve mechanical and tribological properties. Journal of Materials Science, 2021, 56, 1386-1400.	3.7	5
18	Tribological Performances of Modified Babbitt Alloy Under Different Sliding Modes. Journal of Tribology, 2021, 143, .	1.9	4

#	Article	IF	Citations
19	High-Temperature Tribological Behavior of HDPE Composites Reinforced by Short Carbon Fiber under Water-Lubricated Conditions. Materials, 2022, 15, 4508.	2.9	3