

Subir Ghosh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3267864/publications.pdf>

Version: 2024-02-01

12
papers

378
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

530
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-Functionalized Polypropylene Surgical Mesh for Enhanced Performance and Biocompatibility. ACS Applied Bio Materials, 2019, 2, 5905-5915.	4.6	16
2	Performance analysis of grafted poly (2-methacryloyloxyethyl phosphorylcholine) on additively manufactured titanium substrate for hip implant applications. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 100, 103412.	3.1	6
3	Optimisation of grafted phosphorylcholine-based polymer on additively manufactured titanium substrate for hip arthroplasty. Materials Science and Engineering C, 2019, 101, 696-706.	7.3	17
4	Selective laser melted titanium alloys for hip implant applications: Surface modification with new method of polymer grafting. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 87, 312-324.	3.1	24
5	Status of surface modification techniques for artificial hip implants. Science and Technology of Advanced Materials, 2016, 17, 715-735.	6.1	69
6	Lubricating ability of albumin and globulin on artificial joint implants: a tribological perspective. International Journal of Surface Science and Engineering, 2016, 10, 193.	0.4	13
7	Tribological behavior of hydrogenated diamond-like carbon on polished alumina substrate with chromium interlayer for biomedical application. Biotribology, 2016, 7, 1-10.	1.9	12
8	The Influence of Surface Modification on Friction and Lubrication Mechanism Under a Bovine Serum Lubricated Condition. Tribology Transactions, 2016, 59, 316-322.	2.0	2
9	Tribological investigation of diamond-like carbon coated micro-dimpled surface under bovine serum and osteoarthritis oriented synovial fluid. Science and Technology of Advanced Materials, 2015, 16, 035002.	6.1	38
10	Tribological performance of the biological components of synovial fluid in artificial joint implants. Science and Technology of Advanced Materials, 2015, 16, 045002.	6.1	39
11	Improved friction and wear performance of micro dimpled ceramic-on-ceramic interface for hip joint arthroplasty. Ceramics International, 2015, 41, 681-690.	4.8	78
12	Tribological role of synovial fluid compositions on artificial joints - a systematic review of the last 10 years. Lubrication Science, 2014, 26, 387-410.	2.1	64