

Francis O Obiweluzor

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3134195/publications.pdf>

Version: 2024-02-01

10
papers

303
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug release and kinetic models of anticancer drug (BTZ) from a pH-responsive alginate polydopamine hydrogel: Towards cancer chemotherapy. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 388-400.	7.5	111
2	Considerations in the Development of Small-Diameter Vascular Graft as an Alternative for Bypass and Reconstructive Surgeries: A Review. <i>Cardiovascular Engineering and Technology</i> , 2020, 11, 495-521.	1.6	57
3	A mussel inspired self-expandable tubular hydrogel with shape memory under NIR for potential biomedical applications. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5373-5379.	5.8	29
4	Thromboresistant semi-IPN hydrogel coating: Towards improvement of the hemocompatibility/biocompatibility of metallic stent implants. <i>Materials Science and Engineering C</i> , 2019, 99, 1274-1288.	7.3	25
5	Mussel-inspired elastic interpenetrated network hydrogel as an alternative for anti-thrombotic stent coating membrane. <i>Chemical Engineering Journal</i> , 2018, 347, 932-943.	12.7	24
6	Merging 3D printing with electrospun biodegradable small-caliber vascular grafts immobilized with VEGF. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 30, 102306.	3.3	20
7	Short duration cancer treatment: inspired by a fast bio-resorbable smart nano-fiber device containing NIR lethal polydopamine nanospheres for effective chemo–photothermal cancer therapy. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6375-6390.	6.7	14
8	Acute Immune Response in Venoarterial and Venovenous Extracorporeal Membrane Oxygenation Models of Rats. <i>ASAIO Journal</i> , 2021, 67, 546-553.	1.6	10
9	A Comparative Study of an Anti-Thrombotic Small-Diameter Vascular Graft with Commercially Available e-PTFE Graft in a Porcine Carotid Model. <i>Tissue Engineering and Regenerative Medicine</i> , 2022, , 1.	3.7	7
10	Mussel inspired locomotive: the moisture induced actuation in a poly(vinyl alcohol) film containing melanin-like dopamine nano spheres. <i>RSC Advances</i> , 2016, 6, 65089-65094.	3.6	6