

# Victor Neto

## List of Publications by Year in descending order

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76  
papers

1,265  
citations

471477

17  
h-index

395678

33  
g-index

81  
all docs

81  
docs citations

81  
times ranked

1658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying Gamification Strategies to Create Training in Lean Methodologies. Advances in Business Strategy and Competitive Advantage Book Series, 2022, , 293-313.	0.3	0
2	Reprocessability of PLA through Chain Extension for Fused Filament Fabrication. Journal of Manufacturing and Materials Processing, 2022, 6, 26.	2.2	11
3	Interfacial behaviors of continuous carbon fiber reinforced polymers manufactured by fused filament fabrication: A review and prospect. International Journal of Material Forming, 2022, 15, 1.	2.0	16
4	Optimization to Assist Design and Analysis of Temperature Control Strategies for Injection Molding”A Review. Materials, 2022, 15, 4048.	2.9	7
5	Chemical Changes of Graphene Oxide Thin Films Induced by Thermal Treatment under Vacuum Conditions. Coatings, 2020, 10, 113.	2.6	13
6	A STUDY ON THE ALIGNMENT OF EXPECTATIONS BETWEEN HEI AND SOCIETY, USING ENGINEERING EDUCATION AS A CASE STUDY. , 2020, , .		0
7	Eco-design and Eco-efficiency Competencies Development in Engineering and Design Students. Education Sciences, 2019, 9, 126.	2.6	10
8	Metal Additive Manufacturing Cycle in Aerospace Industry: A Comprehensive Review. Journal of Manufacturing and Materials Processing, 2019, 3, 52.	2.2	55
9	Impacts of ocean acidification on carboxylated carbon nanotube effects induced in the clam species Ruditapes philippinarum. Environmental Science and Pollution Research, 2019, 26, 20742-20752.	5.3	13
10	The influence of Climate Change on the fate and behavior of different carbon nanotubes materials and implication to estuarine invertebrates. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 219, 103-115.	2.6	3
11	The influence of simulated global ocean acidification on the toxic effects of carbon nanoparticles on polychaetes. Science of the Total Environment, 2019, 666, 1178-1187.	8.0	15
12	Toxicity evaluation of carboxylated carbon nanotubes to the reef-forming tubeworm Ficopomatus enigmaticus (Fauvel, 1923). Marine Environmental Research, 2019, 143, 1-9.	2.5	17
13	Graphene Based Sensors for Air Quality Monitoring “ Preliminary Development Evaluation. Journal of Coating Science and Technology, 2019, 6, 10-21.	0.3	0
14	Effects of multi-walled carbon nanotube materials on Ruditapes philippinarum under climate change: The case of salinity shifts. Aquatic Toxicology, 2018, 199, 199-211.	4.0	25
15	An overview of graphene materials: Properties, applications and toxicity on aquatic environments. Science of the Total Environment, 2018, 631-632, 1440-1456.	8.0	134
16	Toxic effects of multi-walled carbon nanotubes on bivalves: Comparison between functionalized and nonfunctionalized nanoparticles. Science of the Total Environment, 2018, 622-623, 1532-1542.	8.0	57
17	Development of a Nanopaint for Polymeric Auto Components. , 2018, , 157-201.		0
18	Mechanical testing of micromolded plastic parts by nanoindentation. Polymer Engineering and Science, 2018, 58, 609-614.	3.1	1

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19	HFCVD Diamond-Coated Mechanical Seals. Coatings, 2018, 8, 172.	2.6	10
20	Multiscale in modelling and validation for solar photovoltaics. EPJ Photovoltaics, 2018, 9, 10.	1.6	6
21	Does the exposure to salinity variations and water dispersible carbon nanotubes induce oxidative stress in Hediste diversicolor?. Marine Environmental Research, 2018, 141, 186-195.	2.5	9
22	The influence of salinity on the effects of Multi-walled carbon nanotubes on polychaetes. Scientific Reports, 2018, 8, 8571.	3.3	12
23	Physiological and biochemical impacts of graphene oxide in polychaetes: The case of Diopatra neapolitana. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 193, 50-60.	2.6	24
24	Physiological and biochemical responses of two keystone polychaete species: Diopatra neapolitana and Hediste diversicolor to Multi-walled carbon nanotubes. Environmental Research, 2017, 154, 126-138.	7.5	41
25	Charge injection in large area multilayer graphene by ambient Kelvin probe force microscopy. Applied Materials Today, 2017, 8, 18-25.	4.3	11
26	The impacts of emergent pollutants on Ruditapes philippinarum : biochemical responses to carbon nanoparticles exposure. Aquatic Toxicology, 2017, 187, 38-47.	4.0	46
27	The impacts of seawater acidification on Ruditapes philippinarum sensitivity to carbon nanoparticles. Environmental Science: Nano, 2017, 4, 1692-1704.	4.3	31
28	Incorporation of Fiber Bragg Sensors for Shape Memory Polyurethanes Characterization. Sensors, 2017, 17, 2600.	3.8	5
29	Plasma Treated Active Carbon for Capacitive Deionization of Saline Water. Journal of Nanomaterials, 2017, 2017, 1-8.	2.7	9
30	Diamond-coated fiber Bragg grating through the hot filament chemical vapor process for chemical durability improvement. Applied Optics, 2017, 56, 1603.	2.1	4
31	Graphene oxide nanocomposites for potential wearable solar cellsâ€”A review. Journal of Materials Research, 2016, 31, 1633-1647.	2.6	8
32	Methodologies for Engineering Learning and Teaching (MELT) approach: A way to bring young people to science (and science to young people). , 2016, , .		1
33	Open think-tank on engineering education: A forum of â€œface-to-faceâ€•debate between stakeholders. , 2016, , .		1
34	High-rate sputtering deposition of high- and low-refractive index films from conductive composites. MRS Communications, 2015, 5, 327-232.	1.8	3
35	Nanodiamond Coated Glass as a Protective Layer in Solar Cells. Materials Today: Proceedings, 2015, 2, 230-235.	1.8	5
36	Simultaneous regeneration of seed FBGs during the HFCVD diamond-grating coating process and its thermal monitoring. Proceedings of SPIE, 2015, , .	0.8	2

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37	Conductive ZnO:Zn Composites for High-Rate Sputtering Deposition of ZnO Thin Films. Journal of Electronic Materials, 2015, 44, 682-687.	2.2	6
38	Nanostructured Coatings in Micromoulding Injection – A Case Study. Materials Today: Proceedings, 2015, 2, 414-422.	1.8	2
39	Industrial Applications of Nanoparticles – A Prospective Overview. Materials Today: Proceedings, 2015, 2, 456-465.	1.8	71
40	Characterization of Graphene Oxide Coatings onto Optical Fibers for Sensing Applications. Materials Today: Proceedings, 2015, 2, 171-177.	1.8	11
41	Thermal monitoring of the thermoplastic injection molding process with FBGs. Proceedings of SPIE, 2014, , .	0.8	0
42	Diamond-like carbon (DLC) films as electrochemical electrodes. Diamond and Related Materials, 2014, 43, 12-22.	3.9	88
43	Optimisation of tailored diamond coating conditions onto optical fibres through the Taguchi method. Diamond and Related Materials, 2014, 43, 60-65.	3.9	8
44	Regeneration of FBGs during the HFCVD diamond-fiber coating process. , 2014, , .		2
45	In Focus on Polymer Behavior. Polymer International, 2013, 62, 1543-1543.	3.1	1
46	Thermal monitoring of the diamond deposition process using regenerated FBG. , 2013, , .		4
47	Diamond and other carbon related materials applications in photovoltaic solar cells. , 2013, , .		3
48	Fabrication of Nanodiamond Coating on Steel. Coatings, 2013, 3, 243-252.	2.6	10
49	The Deposition of Nanocrystalline Diamond by HFCVD in Different Materials. Journal of Nano Research, 2012, 18-19, 227-234.	0.8	2
50	Nanodiamond coated Bragg gratings for sensing applications. , 2012, , .		5
51	Selected Peer-Reviewed Articles from International Conference on Advanced Nano Materials (ANM) Tj ETQq1 1 0.784314 rgBT <sub>0</sub> /Overlock	0.9	
52	Nanocrystalline Diamond Coating on Non-Planar Silicon Substrates. Journal of Nanoscience and Nanotechnology, 2012, 12, 6700-6706.	0.9	1
53	Nanocrystalline Diamond Coatings for Mechanical Seals Applications. Journal of Nanoscience and Nanotechnology, 2012, 12, 6835-6839.	0.9	3
54	Tuning the Conditions for the Deposition of Nanocrystalline Diamond by Hot Filament Chemical Vapour Deposition. Journal of Nanoscience and Nanotechnology, 2012, 12, 6822-6827.	0.9	2

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55	The Effect of Megavoltage Radiation on Polymeric Materials to be Used in Biomedical Devices. Journal of Nanoscience and Nanotechnology, 2012, 12, 6779-6784.	0.9	2
56	Analysis of the mechanical properties of compressed earth block masonry using the sugarcane bagasse ash. Construction and Building Materials, 2012, 35, 829-837.	7.2	94
57	Comparative Study of Nanocrystalline Diamond Deposition on WCâ€“Ni and WCâ€“Co Substrates. Journal of Nanoscience and Nanotechnology, 2011, 11, 5388-5393.	0.9	3
58	Evaluation of Diamond Coatings on Optical Fibre Sensors for Biological Use. Journal of Nanoscience and Nanotechnology, 2011, 11, 5408-5412.	0.9	10
59	CVD diamond-coated steel inserts for thermoplastic mould toolsâ€“Characterization and preliminary performance evaluation. Journal of Materials Processing Technology, 2009, 209, 1085-1091.	6.3	25
60	Performance of sub-micron diamond films coated on mould inserts for plastic injection moulding. Journal of Materials Science, 2008, 43, 3392-3399.	3.7	5
61	Time-modulated chemical vapour deposition diamond on mould making 2738 steel. Vacuum, 2008, 82, 1346-1349.	3.5	6
62	Diamond coatings on 3D structured steel. Diamond and Related Materials, 2008, 17, 1424-1428.	3.9	14
63	Nanocrystalline diamond on SiO2 fiber: A new class of hybrid material. Diamond and Related Materials, 2008, 17, 1106-1109.	3.9	5
64	Hydrogen Adsorption onto Nickel Modified Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2008, 8, 4023-4028.	0.9	5
65	Synthesis of highly oriented carbon nanotube thin films by nickel functionalisation. Diamond and Related Materials, 2007, 16, 1195-1199.	3.9	8
66	Nitrogen and hydrogen related infrared absorption in CVD diamond films. Thin Solid Films, 2006, 515, 201-206.	1.8	17
67	Time-Modulated CVD Process Optimized Using the Taguchi Method. Journal of Materials Engineering and Performance, 2006, 15, 236-241.	2.5	3
68	Quantitative analysis of hydrogen in chemical vapor deposited diamond films. Diamond and Related Materials, 2005, 14, 476-481.	3.9	31
69	Artificial aging and shear deformation behaviour of 6022 aluminium alloy. International Journal of Plasticity, 2004, 20, 427-445.	8.8	119
70	Optimisation of the new time-modulated CVD process using the Taguchi method. Thin Solid Films, 2004, 469-470, 154-160.	1.8	38
71	Deposition of nanocrystalline diamond and titanium oxide coatings onto pyrolytic carbon using CVD and solâ€“gel techniques. Diamond and Related Materials, 2004, 13, 638-642.	3.9	5
72	Title is missing!. Journal of Materials Science Letters, 2003, 22, 1039-1042.	0.5	6

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73	Promoting secondary nucleation using methane modulations during diamond chemical vapor deposition to produce smoother, harder, and better quality films. Journal of Materials Research, 2003, 18, 296-304.	2.6	28
74	Nanocrystalline diamond films deposited using a new growth regime. Materials Science and Technology, 2003, 19, 987-990.	1.6	4
75	Surface engineering of WC-Co used in dental tools technology. Materials Science and Technology, 2003, 19, 1273-1278.	1.6	8
76	Microinjection Molding of Enhanced Thermoplastics. , 0, , .		3