# Victor Neto

## List of Publications by Year in descending order



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|---|---|---|---|
| 76 papers | 1,265 citations | 535685 17 h-index | 445137 33 g-index |
| 81 all docs | 81 docs citations | 81 times ranked | 1839 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. | 0.2 | 0 |
| 2 | Reprocessability of PLA through Chain Extension for Fused Filament Fabrication. Journal of Manufacturing and Materials Processing, 2022, 6, 26. | 1.0 | 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. | 0.9 | 16 |
| 4 | Optimization to Assist Design and Analysis of Temperature Control Strategies for Injection Moldingâ€"A Review. Materials, 2022, 15, 4048. | 1.3 | 7 |
| 5 | Chemical Changes of Graphene Oxide Thin Films Induced by Thermal Treatment under Vacuum Conditions. Coatings, 2020, 10, 113. | 1.2 | 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. | 1.4 | 10 |
| 8 | Metal Additive Manufacturing Cycle in Aerospace Industry: A Comprehensive Review. Journal of Manufacturing and Materials Processing, 2019, 3, 52. | 1.0 | 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. | 2.7 | 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. | 1.3 | 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. | 3.9 | 15 |
| 12 | Toxicity evaluation of carboxylated carbon nanotubes to the reef-forming tubeworm Ficopomatus enigmaticus (Fauvel, 1923). Marine Environmental Research, 2019, 143, 1-9. | 1.1 | 17 |
| 13 | Graphene Based Sensors for Air Quality Monitoring â€" 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. | 1.9 | 25 |
| 15 | An overview of graphene materials: Properties, applications and toxicity on aquatic environments. Science of the Total Environment, 2018, 631-632, 1440-1456. | 3.9 | 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. | 3.9 | 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. | 1.5 | 1 |

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|---|---|---|---|
| 19 | HFCVD Diamond-Coated Mechanical Seals. Coatings, 2018, 8, 172. | 1.2 | 10 |
| 20 | Multiscale in modelling and validation for solar photovoltaics. EPJ Photovoltaics, 2018, 9, 10. | 0.8 | 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. | 1.1 | 9 |
| 22 | The influence of salinity on the effects of Multi-walled carbon nanotubes on polychaetes. Scientific Reports, 2018, 8, 8571. | 1.6 | 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. | 1.3 | 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. | 3.7 | 41 |
| 25 | Charge injection in large area multilayer graphene by ambient Kelvin probe force microscopy. Applied Materials Today, 2017, 8, 18-25. | 2.3 | 11 |
| 26 | The impacts of emergent pollutants on Ruditapes philippinarum : biochemical responses to carbon nanoparticles exposure. Aquatic Toxicology, 2017, 187, 38-47. | 1.9 | 46 |
| 27 | The impacts of seawater acidification on Ruditapes philippinarum sensitivity to carbon nanoparticles. Environmental Science: Nano, 2017, 4, 1692-1704. | 2.2 | 31 |
| 28 | Incorporation of Fiber Bragg Sensors for Shape Memory Polyurethanes Characterization. Sensors, 2017, 17, 2600. | 2.1 | 5 |
| 29 | Plasma Treated Active Carbon for Capacitive Deionization of Saline Water. Journal of Nanomaterials, 2017, 2017, 1-8. | 1.5 | 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. | 1.2 | 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. | 0.8 | 3 |
| 35 | Nanodiamond Coated Glass as a Protective Layer in Solar Cells. Materials Today: Proceedings, 2015, 2, 230-235. | 0.9 | 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. | 1.0 | 6 |
| 38 | Nanostructured Coatings in Micromoulding Injection â€“ A Case Study. Materials Today: Proceedings, 2015, 2, 414-422. | 0.9 | 2 |
| 39 | Industrial Applications of Nanoparticles â€“ A Prospective Overview. Materials Today: Proceedings, 2015, 2, 456-465. | 0.9 | 71 |
| 40 | Characterization of Graphene Oxide Coatings onto Optical Fibers for Sensing Applications. Materials Today: Proceedings, 2015, 2, 171-177. | 0.9 | 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. | 1.8 | 88 |
| 43 | Optimisation of tailored diamond coating conditions onto optical fibres through the Taguchi method. Diamond and Related Materials, 2014, 43, 60-65. | 1.8 | 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. | 1.6 | 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. | 1.2 | 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 /Overlo | 0.9 | 0 |
| 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. | 3.2 | 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. | 3.1 | 25 |
| 60 | Performance of sub-micron diamond films coated on mould inserts for plastic injection moulding. Journal of Materials Science, 2008, 43, 3392-3399. | 1.7 | 5 |
| 61 | Time-modulated chemical vapour deposition diamonf on mould making 2738 steel. Vacuum, 2008, 82, 1346-1349. | 1.6 | 6 |
| 62 | Diamond coatings on 3D structured steel. Diamond and Related Materials, 2008, 17, 1424-1428. | 1.8 | 14 |
| 63 | Nanocrystalline diamond on SiO2 fiber: A new class of hybrid material. Diamond and Related Materials, 2008, 17, 1106-1109. | 1.8 | 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. | 1.8 | 8 |
| 66 | Nitrogen and hydrogen related infrared absorption in CVD diamond films. Thin Solid Films, 2006, 515, 201-206. | 0.8 | 17 |
| 67 | Time-Modulated CVD Process Optimized Using the Taguchi Method. Journal of Materials Engineering and Performance, 2006, 15, 236-241. | 1.2 | 3 |
| 68 | Quantitative analysis of hydrogen in chemical vapor deposited diamond films. Diamond and Related Materials, 2005, 14, 476-481. | 1.8 | 31 |
| 69 | Artificial aging and shear deformation behaviour of 6022 aluminium alloy. International Journal of Plasticity, 2004, 20, 427-445. | 4.1 | 119 |
| 70 | Optimisation of the new time-modulated CVD process using the Taguchi method. Thin Solid Films, 2004, 469-470, 154-160. | 0.8 | 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. | 1.8 | 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. | 1.2 | 28 |
| 74 | Nanocrystalline diamond films deposited using a new growth regime. Materials Science and Technology, 2003, 19, 987-990. | 0.8 | 4 |
| 75 | Surface engineering of WC-Co used in dental tools technology. Materials Science and Technology, 2003, 19, 1273-1278. | 0.8 | 8 |
| 76 | Microinjection Molding of Enhanced Thermoplastics. , 0, , . | | 3 |