

Masahito Ban

List of Publications by Year in descending order

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19
papers

329
citations

1040056

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839539

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19
times ranked

281
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Impedance Characteristics of Monolayer and Bilayer Graphene Films with Biofilm Formation and Growth. <i>Sensors</i> , 2022, 22, 3548. | 3.8 | 3 |
| 2 | Proliferation of mesenchymal stem cells by graphene-attached soft material structure. <i>Diamond and Related Materials</i> , 2021, 111, 108229. | 3.9 | 3 |
| 3 | Interconnection of Mesenchymal Stem Cells Using Regularly Arrayed Wrinkle Microstructures Fabricated by Diamond-like Carbon Thin Film Deposition. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2021, 72, 567-570. | 0.2 | 1 |
| 4 | Investigation of nanoplastic cytotoxicity using SH-SY5Y human neuroblastoma cells and polystyrene nanoparticles. <i>Toxicology in Vitro</i> , 2021, 76, 105225. | 2.4 | 15 |
| 5 | Trends of Antibacterial, Antivirus and Antibiofilm Surface Treatments. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2021, 72, 252-258. | 0.2 | 3 |
| 6 | Fabrication of arrayed microwells with wrinkle microstructure by ink-jet and diamond-like carbon thin film deposition process. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 249, 114422. | 3.5 | 2 |
| 7 | Effects of diamond-like carbon thin film and wrinkle microstructure on cell proliferation. <i>Diamond and Related Materials</i> , 2018, 90, 194-201. | 3.9 | 15 |
| 8 | Partial formation of linear concavo-convex microstructure onto microwells by diamond-like carbon thin film deposition. <i>Diamond and Related Materials</i> , 2017, 74, 138-144. | 3.9 | 5 |
| 9 | Application of Carbon Nanomaterials to Biointerface. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2014, 65, 262-267. | 0.2 | 0 |
| 10 | Deposition of diamond-like carbon thin films containing photocatalytic titanium dioxide nanoparticles. <i>Diamond and Related Materials</i> , 2012, 25, 92-97. | 3.9 | 10 |
| 11 | Formation of Photosensitizing Crystalline C ₆₀ Particles by Ink-Jet Method. <i>World Journal of Nano Science and Engineering</i> , 2012, 02, 110-115. | 0.3 | 3 |
| 12 | Chemical resistance of DLC thin film deposited PMMA substrates. <i>Surface and Coatings Technology</i> , 2009, 203, 2587-2590. | 4.8 | 13 |
| 13 | Internal stress reduction by incorporation of silicon in diamond-like carbon films. <i>Surface and Coatings Technology</i> , 2003, 162, 1-5. | 4.8 | 86 |
| 14 | Stress and structural properties of diamond-like carbon films deposited by electron beam excited plasma CVD. <i>Diamond and Related Materials</i> , 2003, 12, 47-56. | 3.9 | 62 |
| 15 | Diamond-like carbon films deposited by electron beam excited plasma chemical vapor deposition. <i>Diamond and Related Materials</i> , 2002, 11, 1353-1359. | 3.9 | 15 |
| 16 | Tribological characteristics of Si-containing diamond-like carbon films under oil-lubrication. <i>Wear</i> , 2002, 253, 331-338. | 3.1 | 68 |
| 17 | Growth of microcrystalline silicon film by electron beam excited plasma chemical vapor deposition without hydrogen dilution. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1998, 16, 3134-3137. | 2.1 | 15 |
| 18 | SiO ₂ passivation film effects on microwave characteristics of YBa ₂ Cu ₃ O _{7-x} -based resonators. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 290, 345-353. | 1.2 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Effect of Ar+O ₂ Plasma Etching on Microwave Characteristics of YBa ₂ Cu ₃ O _{7-x} Based Resonators. Japanese Journal of Applied Physics, 1996, 35, 4318-4321. | 1.5 | 6 |