

Folarin Erogbogbo

List of Publications by Year in descending order

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16
papers

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291
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Infusion of Graphene Quantum Dots to Create Stronger, Tougher, and Brighter Polymer Composites. ACS Omega, 2017, 2, 4356-4362. | 3.5 | 52 |
| 2 | Incorporation of graphene quantum dots to enhance photocatalytic properties of anatase TiO ₂ . MRS Communications, 2018, 8, 137-144. | 1.8 | 33 |
| 3 | TiO ₂ -Graphene Quantum Dots Nanocomposites for Photocatalysis in Energy and Biomedical Applications. Catalysts, 2021, 11, 319. | 3.5 | 28 |
| 4 | Surface functionality and formation mechanisms of carbon and graphene quantum dots. Diamond and Related Materials, 2020, 110, 108101. | 3.9 | 26 |
| 5 | Herringbone-Patterned 3D-Printed Devices as Alternatives to Microfluidics for Reproducible Production of Lipid Polymer Hybrid Nanoparticles. ACS Omega, 2019, 4, 4650-4657. | 3.5 | 25 |
| 6 | Infusion of graphene quantum dots to modulate thermal conductivity and dynamic mechanical properties of polymers. Polymer, 2019, 185, 121988. | 3.8 | 17 |
| 7 | Design Considerations and Assays for Hemocompatibility of FDA-Approved Nanoparticles. Seminars in Thrombosis and Hemostasis, 2020, 46, 637-652. | 2.7 | 11 |
| 8 | Assessing Advantages and Drawbacks of Rapidly Generated Ultra-Large 3D Breast Cancer Spheroids: Studies with Chemotherapeutics and Nanoparticles. International Journal of Molecular Sciences, 2020, 21, 4413. | 4.1 | 10 |
| 9 | Strategies for Incorporating Graphene Oxides and Quantum Dots into Photoresponsive Azobenzenes for Photonics and Thermal Applications. Nanomaterials, 2021, 11, 2211. | 4.1 | 8 |
| 10 | Graphene Quantum Dot - Titania Nanoparticle Composite for Photocatalytic Water Splitting. MRS Advances, 2016, 1, 2071-2077. | 0.9 | 6 |
| 11 | Hand powered, cost effective, 3D printed nanoparticle synthesizer: effects of polymer end caps, drugs, and solvents on lipid polymer hybrid nanoparticles. Materials Research Express, 2019, 6, 025403. | 1.6 | 5 |
| 12 | Graphene Quantum dots for Biophotonic Applications. Materials Research Society Symposia Proceedings, 2015, 1786, 1-6. | 0.1 | 3 |
| 13 | Data on thermal conductivity and dynamic mechanical properties of graphene quantum dots in epoxy. Data in Brief, 2020, 28, 105008. | 1.0 | 3 |
| 14 | Cost Effective 3D Printed Device for Tuberculosis Nanoformulation Manufacturing. MRS Advances, 2018, 3, 2943-2951. | 0.9 | 2 |
| 15 | Improving the physiological relevance of drug testing for drug-loaded nanoparticles using 3D tumor cell cultures. MRS Communications, 2019, 9, 1053-1059. | 1.8 | 2 |
| 16 | Photocatalysis and Li-Ion Battery Applications of {001} Faceted Anatase TiO ₂ -Based Composites. J., 2021, 4, 500-530. | 0.9 | 1 |