# Rohan Fernandes

List of Publications by Year
in descending order



| 30 | 1,414 | 331259 | 454577 |
|---|---|---|---|
| papers | citations | 21 h-index | 30 g-index |

| 30 | 30 | 30 | 1924 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Electrochemically Induced Deposition of a Polysaccharide Hydrogel onto a Patterned Surface. Langmuir, 2003, 19, 4058-4062. | 1.6 | 184 |
| 2 | Photothermal Therapy Generates a Thermal Window of Immunogenic Cell Death in Neuroblastoma. Small, 2018, 14, e1800678. | 5.2 | 168 |
| 3 | Prussian blue nanoparticle-based photothermal therapy combined with checkpoint inhibition for photothermal immunotherapy of neuroblastoma. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 771-781. | 1.7 | 122 |
| 4 | Cord blood natural killer cells expressing a dominant negative TGF-Î² receptor: Implications for adoptive immunotherapy for glioblastoma. Cytotherapy, 2017, 19, 408-418. | 0.3 | 97 |
| 5 | Prussian blue nanoparticles for laser-induced photothermal therapy of tumors. RSC Advances, 2014, 4, 29729. | 1.7 | 93 |
| 6 | Engineered biological nanofactories trigger quorum sensing response in targeted bacteria. Nature Nanotechnology, 2010, 5, 213-217. | 15.6 | 86 |
| 7 | Biofunctionalized Gadolinium-Containing Prussian Blue Nanoparticles as Multimodal Molecular Imaging Agents. Bioconjugate Chemistry, 2014, 25, 129-137. | 1.8 | 73 |
| 8 | Conjugating Prussian blue nanoparticles onto antigen-specific T cells as a combined nanoimmunotherapy. Nanomedicine, 2016, 11, 1759-1767. | 1.7 | 56 |
| 9 | Engineering the TGFÎ² Receptor to Enhance the Therapeutic Potential of Natural Killer Cells as an Immunotherapy for Neuroblastoma. Clinical Cancer Research, 2019, 25, 4400-4412. | 3.2 | 52 |
| 10 | Prussian blue nanoparticle-based antigenicity and adjuvanticity trigger robust antitumor immune responses against neuroblastoma. Biomaterials Science, 2019, 7, 1875-1887. | 2.6 | 40 |
| 11 | Biological nanofactories facilitate spatially selective capture and manipulation of quorum sensing bacteria in a bioMEMS device. Lab on A Chip, 2010, 10, 1128. | 3.1 | 35 |
| 12 | Manganese-containing Prussian blue nanoparticles for imaging of pediatric brain tumors. International Journal of Nanomedicine, 2014, 9, 2581. | 3.3 | 33 |
| 13 | Alâ€2 biosynthesis module in a magnetic nanofactory alters bacterial response via localized synthesis and delivery. Biotechnology and Bioengineering, 2009, 102, 390-399. | 1.7 | 31 |
| 14 | Magnetic nanofactories: Localized synthesis and delivery of quorum-sensing signaling molecule autoinducer-2 to bacterial cell surfaces. Metabolic Engineering, 2007, 9, 228-239. | 3.6 | 30 |
| 15 | CpG-coated prussian blue nanoparticles-based photothermal therapy combined with anti-CTLA-4 immune checkpoint blockade triggers a robust abscopal effect against neuroblastoma. Translational Oncology, 2020, 13, 100823. | 1.7 | 30 |
| 16 | HDAC6 Plays a Noncanonical Role in the Regulation of Antitumor Immune Responses, Dissemination, and Invasiveness of Breast Cancer. Cancer Research, 2020, 80, 3649-3662. | 0.4 | 30 |
| 17 | Photothermal therapy improves the efficacy of a MEK inhibitor in neurofibromatosis type 1-associated malignant peripheral nerve sheath tumors. Scientific Reports, 2016, 6, 37035. | 1.6 | 29 |
| 18 | Composite iron oxide–Prussian blue nanoparticles for magnetically guided T<sub>1</sub>-weighted magnetic resonance imaging and photothermal therapy of tumors. International Journal of Nanomedicine, 2017, Volume 12, 6413-6424. | 3.3 | 28 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Improving efficacy of cancer immunotherapy by genetic modification of natural killer cells. Cytotherapy, 2016, 18, 1410-1421. | 0.3 | 26 |
| 20 | Indocyanine Green-Nexturastat A-PLGA Nanoparticles Combine Photothermal and Epigenetic Therapy for Melanoma. Nanomaterials, 2020, 10, 161. | 1.9 | 25 |
| 21 | Designing Magnetically Responsive Biohybrids Composed of Cord Blood-Derived Natural Killer Cells and Iron Oxide Nanoparticles. Bioconjugate Chemistry, 2019, 30, 552-560. | 1.8 | 24 |
| 22 | Photothermal therapies to improve immune checkpoint blockade for cancer. International Journal of Hyperthermia, 2020, 37, 34-49. | 1.1 | 23 |
| 23 | A Cantilever Sensor With an Integrated Optical Readout for Detection of Enzymatically Produced Homocysteine. IEEE Transactions on Biomedical Circuits and Systems, 2009, 3, 415-423. | 2.7 | 20 |
| 24 | Nanoparticle-Based Immunoengineered Approaches for Combating HIV. Frontiers in Immunology, 2020, 11, 789. | 2.2 | 20 |
| 25 | PLGA nanodepots co-encapsulating prostratin and anti-CD25 enhance primary natural killer cell antiviral and antitumor function. Nano Research, 2020, 13, 736-744. | 5.8 | 17 |
| 26 | An Engineered Prussian Blue Nanoparticlesâ€Based Nanoimmunotherapy Elicits Robust and Persistent Immunological Memory in a THâ€MYCN Neuroblastoma Model. Advanced NanoBiomed Research, 2021, 1, 2100021. | 1.7 | 14 |
| 27 | CD137 agonist potentiates the abscopal efficacy of nanoparticle-based photothermal therapy for melanoma. Nano Research, 2022, 15, 2300-2314. | 5.8 | 12 |
| 28 | Biofunctionalized Prussian Blue Nanoparticles for Multimodal Molecular Imaging Applications. Journal of Visualized Experiments, 2015, , e52621. | 0.2 | 9 |
| 29 | The Thermal Dose of Photothermal Therapy Generates Differential Immunogenicity in Human Neuroblastoma Cells. Cancers, 2022, 14, 1447. | 1.7 | 6 |
| 30 | DAMPsâ€coated Prussian blue nanoparticles as photothermalâ€nanoimmunotherapy agents for cancer. FASEB Journal, 2019, 33, 510.2. | 0.2 | 1 |