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	CD137 agonist potentiates the abscopal efficacy of nanoparticle-based photothermal therapy for melanoma. Nano Research, 2022, 15, 2300-2314.	5.8	12
2	The Thermal Dose of Photothermal Therapy Generates Differential Immunogenicity in Human Neuroblastoma Cells. Cancers, 2022, 14, 1447.	1.7	6
3	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
4	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
5	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
6	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
7	Indocyanine Green-Nexturastat A-PLGA Nanoparticles Combine Photothermal and Epigenetic Therapy for Melanoma. Nanomaterials, 2020, 10, 161.	1.9	25
8	Nanoparticle-Based Immunoengineered Approaches for Combating HIV. Frontiers in Immunology, 2020, 11, 789.	2.2	20
9	Photothermal therapies to improve immune checkpoint blockade for cancer. International Journal of Hyperthermia, 2020, 37, 34-49.	1.1	23
10	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
11	Prussian blue nanoparticle-based antigenicity and adjuvanticity trigger robust antitumor immune responses against neuroblastoma. Biomaterials Science, 2019, 7, 1875-1887.	2.6	40
12	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
13	DAMPsâ€coated Prussian blue nanoparticles as photothermalâ€nanoimmunotherapy agents for cancer. FASEB Journal, 2019, 33, 510.2.	0.2	1
14	Photothermal Therapy Generates a Thermal Window of Immunogenic Cell Death in Neuroblastoma. Small, 2018, 14, e1800678.	5.2	168
15	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
16	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
17	Composite iron oxide–Prussian blue nanoparticles for magnetically guided T₁-weighted magnetic resonance imaging and photothermal therapy of tumors. International Journal of Nanomedicine, 2017, Volume 12, 6413-6424.	3.3	28
18	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

#	Article	IF	Citations
19	Conjugating Prussian blue nanoparticles onto antigen-specific T cells as a combined nanoimmunotherapy. Nanomedicine, 2016, 11, 1759-1767.	1.7	56
20	Improving efficacy of cancer immunotherapy by genetic modification of natural killer cells. Cytotherapy, 2016, 18, 1410-1421.	0.3	26
21	Biofunctionalized Prussian Blue Nanoparticles for Multimodal Molecular Imaging Applications. Journal of Visualized Experiments, 2015, , e52621.	0.2	9
22	Manganese-containing Prussian blue nanoparticles for imaging of pediatric brain tumors. International Journal of Nanomedicine, 2014, 9, 2581.	3.3	33
23	Prussian blue nanoparticles for laser-induced photothermal therapy of tumors. RSC Advances, 2014, 4, 29729.	1.7	93
24	Biofunctionalized Gadolinium-Containing Prussian Blue Nanoparticles as Multimodal Molecular Imaging Agents. Bioconjugate Chemistry, 2014, 25, 129-137.	1.8	73
25	Engineered biological nanofactories trigger quorum sensing response in targeted bacteria. Nature Nanotechnology, 2010, 5, 213-217.	15.6	86
26	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
27	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
28	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
29	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
30	Electrochemically Induced Deposition of a Polysaccharide Hydrogel onto a Patterned Surface. Langmuir, 2003, 19, 4058-4062.	1.6	184