

Aoune Barhoumi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,539
citations

430874

18
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

4812
citing authors

#	ARTICLE	IF	CITATIONS
1	A protocol for representative sampling of solid tumors to improve the accuracy of sequencing results. STAR Protocols, 2021, 2, 100624.	1.2	5
2	Representative Sequencing: Unbiased Sampling of Solid Tumor Tissue. Cell Reports, 2020, 31, 107550.	6.4	51
3	BaTiO ₃ -core Au-shell nanoparticles for photothermal therapy and bimodal imaging. Acta Biomaterialia, 2018, 72, 287-294.	8.3	22
4	A Supramolecular Shear-Thinning Anti-Inflammatory Steroid Hydrogel. Advanced Materials, 2016, 28, 6680-6686.	21.0	43
5	Extended Release of Native Drug Conjugated in Polyketal Microparticles. Journal of the American Chemical Society, 2016, 138, 6127-6130.	13.7	41
6	Nonlinear Optics: NIR-Triggered Drug Delivery by Collagen-Mediated Second Harmonic Generation (Adv.) Tj ETQo 0 0 rgBT /Overloc	7.6	0
7	Light-controlled nanoparticulate drug delivery systems. , 2015, , 393-413.		1
8	Ultraviolet light-mediated drug delivery: Principles, applications, and challenges. Journal of Controlled Release, 2015, 219, 31-42.	9.9	131
9	Efficient Triplet-Triplet Annihilation-Based Upconversion for Nanoparticle Phototargeting. Nano Letters, 2015, 15, 6332-6338.	9.1	101
10	NIR-Triggered Drug Delivery by Collagen-Mediated Second Harmonic Generation. Advanced Healthcare Materials, 2015, 4, 1159-1163.	7.6	22
11	Photothermally Targeted Thermosensitive Polymer-Masked Nanoparticles. Nano Letters, 2014, 14, 3697-3701.	9.1	75
12	Enhanced Photothermal Effect of Plasmonic Nanoparticles Coated with Reduced Graphene Oxide. Nano Letters, 2013, 13, 4075-4079.	9.1	273
13	Gene Silencing by Gold Nanoshell-Mediated Delivery and Laser-Triggered Release of Antisense Oligonucleotide and siRNA. ACS Nano, 2012, 6, 7681-7691.	14.6	242
14	Detecting Chemically Modified DNA Bases Using Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry Letters, 2011, 2, 3118-3123.	4.6	69
15	Label-Free Detection of DNA Hybridization Using Surface Enhanced Raman Spectroscopy. Journal of the American Chemical Society, 2010, 132, 12792-12793.	13.7	240
16	Visualizing Light-Triggered Release of Molecules Inside Living Cells. Nano Letters, 2010, 10, 4117-4122.	9.1	131
17	Nanoscale plasmonics for molecular recognition and light-triggered molecular release. , 2009, , .		0
18	Light-induced release of DNA from plasmon-resonant nanoparticles: Towards light-controlled gene therapy. Chemical Physics Letters, 2009, 482, 171-179.	2.6	134

#	ARTICLE	IF	CITATIONS
19	Gold Nanoparticles Can Induce the Formation of Protein-based Aggregates at Physiological pH. Nano Letters, 2009, 9, 666-671.	9.1	352
20	Nanoshell-based substrates for surface enhanced spectroscopic detection of biomolecules. Analyst, The, 2009, 134, 1745.	3.5	55
21	Surface-Enhanced Raman Spectroscopy of DNA. Journal of the American Chemical Society, 2008, 130, 5523-5529.	13.7	468
22	Correlation of Molecular Orientation and Packing Density in a dsDNA Self-Assembled Monolayer Observable with Surface-Enhanced Raman Spectroscopy. Journal of the American Chemical Society, 2008, 130, 14040-14041.	13.7	83