

# Aoune Barhoumi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11925769/publications.pdf>

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	Surface-Enhanced Raman Spectroscopy of DNA. <i>Journal of the American Chemical Society</i> , 2008, 130, 5523-5529.	13.7	468
2	Gold Nanoparticles Can Induce the Formation of Protein-based Aggregates at Physiological pH. <i>Nano Letters</i> , 2009, 9, 666-671.	9.1	352
3	Enhanced Photothermal Effect of Plasmonic Nanoparticles Coated with Reduced Graphene Oxide. <i>Nano Letters</i> , 2013, 13, 4075-4079.	9.1	273
4	Gene Silencing by Gold Nanoshell-Mediated Delivery and Laser-Triggered Release of Antisense Oligonucleotide and siRNA. <i>ACS Nano</i> , 2012, 6, 7681-7691.	14.6	242
5	Label-Free Detection of DNA Hybridization Using Surface Enhanced Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2010, 132, 12792-12793.	13.7	240
6	Light-induced release of DNA from plasmon-resonant nanoparticles: Towards light-controlled gene therapy. <i>Chemical Physics Letters</i> , 2009, 482, 171-179.	2.6	134
7	Visualizing Light-Triggered Release of Molecules Inside Living Cells. <i>Nano Letters</i> , 2010, 10, 4117-4122.	9.1	131
8	Ultraviolet light-mediated drug delivery: Principles, applications, and challenges. <i>Journal of Controlled Release</i> , 2015, 219, 31-42.	9.9	131
9	Efficient Triplet-Triplet Annihilation-Based Upconversion for Nanoparticle Phototargeting. <i>Nano Letters</i> , 2015, 15, 6332-6338.	9.1	101
10	Correlation of Molecular Orientation and Packing Density in a dsDNA Self-Assembled Monolayer Observable with Surface-Enhanced Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2008, 130, 14040-14041.	13.7	83
11	Photothermally Targeted Thermosensitive Polymer-Masked Nanoparticles. <i>Nano Letters</i> , 2014, 14, 3697-3701.	9.1	75
12	Detecting Chemically Modified DNA Bases Using Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 3118-3123.	4.6	69
13	Nanoshell-based substrates for surface enhanced spectroscopic detection of biomolecules. <i>Analyst</i> , 2009, 134, 1745.	3.5	55
14	Representative Sequencing: Unbiased Sampling of Solid Tumor Tissue. <i>Cell Reports</i> , 2020, 31, 107550.	6.4	51
15	A Supramolecular Shear-Thinning Anti-Inflammatory Steroid Hydrogel. <i>Advanced Materials</i> , 2016, 28, 6680-6686.	21.0	43
16	Extended Release of Native Drug Conjugated in Polyketal Microparticles. <i>Journal of the American Chemical Society</i> , 2016, 138, 6127-6130.	13.7	41
17	NIR-Triggered Drug Delivery by Collagen-Mediated Second Harmonic Generation. <i>Advanced Healthcare Materials</i> , 2015, 4, 1159-1163.	7.6	22
18	BaTiO <sub>3</sub> -core Au-shell nanoparticles for photothermal therapy and bimodal imaging. <i>Acta Biomaterialia</i> , 2018, 72, 287-294.	8.3	22

#	ARTICLE	IF	CITATIONS
19	A protocol for representative sampling of solid tumors to improve the accuracy of sequencing results. STAR Protocols, 2021, 2, 100624.	1.2	5
20	Light-controlled nanoparticulate drug delivery systems. , 2015, , 393-413.		1
21	Nanoscale plasmonics for molecular recognition and light-triggered molecular release. , 2009, , .		0
22	Nonlinear Optics: NIR-Triggered Drug Delivery by Collagen-Mediated Second Harmonic Generation (Adv.) Tj ETQg 0 0 rgBT /Overloc	7,6	0