

# Yoshie Harada

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Real-Time Background-Free Selective Imaging of Fluorescent Nanodiamonds in Vivo. Nano Letters, 2012, 12, 5726-5732.	9.1	177
2	ParA-mediated plasmid partition driven by protein pattern self-organization. EMBO Journal, 2013, 32, 1238-1249.	7.8	153
3	Single-Molecule Imaging of the Oligomer Formation of the Nonhexameric Escherichia coli UvrD Helicase. Biophysical Journal, 2013, 104, 924-933.	0.5	34
4	Suppression of Nonspecific Proteinâ€™Nanodiamond Adsorption Enabling Specific Targeting of Nanodiamonds to Biomolecules of Interest. Chemistry Letters, 2015, 44, 354-356.	1.3	27
5	Binding of hairpin pyrrole and imidazole polyamides to DNA: relationship between torsion angle and association rate constants. Nucleic Acids Research, 2012, 40, 11510-11517.	14.5	22
6	Single-molecule Visualization of Binding Modes of Helicase to DNA on PEGylated Surfaces. Chemistry Letters, 2009, 38, 308-309.	1.3	20
7	Construction and characterization of Cy3- or Cy5-conjugated hairpin pyrroleâ€™imidazole polyamides binding to DNA in the nucleosome. Biomaterials Science, 2014, 2, 297-307.	5.4	19
8	Effective production of fluorescent nanodiamonds containing negatively-charged nitrogen-vacancy centers by ion irradiation. Diamond and Related Materials, 2014, 49, 33-38.	3.9	18
9	Effect of single pyrrole replacement with Î²-alanine on DNA binding affinity and sequence specificity of hairpin pyrrole/imidazole polyamides targeting 5â€™-GCCG-3â€™. Bioorganic and Medicinal Chemistry, 2013, 21, 5436-5441.	3.0	17
10	Modulation of Local Cellular Activities using a Photothermal Dye-Based Subcellular-Sized Heat Spot. ACS Nano, 2022, 16, 9004-9018.	14.6	17
11	Synergistic effect of ATP for RuvAâ€™RuvBâ€™Holliday junction DNA complex formation. Scientific Reports, 2015, 5, 18177.	3.3	12
12	The application of fluorescence-conjugated pyrrole/imidazole polyamides in the characterization of proteinâ€™DNA complex formation. Biomaterials Science, 2016, 4, 391-399.	5.4	10
13	Preferential 5â€™Methylcytosine Oxidation in the Linker Region of Reconstituted Positioned Nucleosomes by Tet1 Protein. Chemistry - A European Journal, 2016, 22, 16598-16601.	3.3	9
14	Magnetic Field Imaging of Superparamagnetic Particles Using Highâ€™Density, Perfectly Oriented NV Centers in Diamond CVD Film. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800254.	1.8	7
15	Observing the rotational diffusion of nanodiamonds with arbitrary nitrogen vacancy center configurations. Physical Review B, 2013, 88, .	3.2	6
16	Nanaomycin E inhibits NLRP3 inflammasome activation by preventing mitochondrial dysfunction. International Immunology, 2022, 34, 505-518.	4.0	6