

Hui-Juan You

List of Publications by Year in descending order

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34
papers

673
citations

687363

13
h-index

580821

25
g-index

34
all docs

34
docs citations

34
times ranked

995
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-parametric MRI-based radiomics signature for discriminating between clinically significant and insignificant prostate cancer: Cross-validation of a machine learning method. <i>European Journal of Radiology</i> , 2019, 115, 16-21.	2.6	95
2	Stability and Kinetics of c-MYC Promoter G-Quadruplexes Studied by Single-Molecule Manipulation. <i>Journal of the American Chemical Society</i> , 2015, 137, 2424-2427.	13.7	81
3	Dynamics and stability of polymorphic human telomeric G-quadruplex under tension. <i>Nucleic Acids Research</i> , 2014, 42, 8789-8795.	14.5	79
4	Structural elastic determination of the force-dependent transition rate of biomolecules. <i>Chemical Science</i> , 2018, 9, 5871-5882.	7.4	45
5	Folding/unfolding kinetics of G-quadruplexes upstream of the P1 promoter of the human BCL-2 oncogene. <i>Journal of Biological Chemistry</i> , 2019, 294, 5890-5895.	3.4	43
6	RHAU helicase stabilizes G4 in its nucleotide-free state and destabilizes G4 upon ATP hydrolysis. <i>Nucleic Acids Research</i> , 2017, 45, 206-214.	14.5	40
7	The Mechanical Properties of RNA-DNA Hybrid Duplex Stretched by Magnetic Tweezers. <i>Biophysical Journal</i> , 2019, 116, 196-204.	0.5	40
8	Sight and switch off: Nerve density visualization for interventions targeting nerves in prostate cancer. <i>Science Advances</i> , 2020, 6, eaax6040.	10.3	28
9	T2-Weighted Image-Based Radiomics Signature for Discriminating Between Seminomas and Nonseminoma. <i>Frontiers in Oncology</i> , 2019, 9, 1330.	2.8	23
10	Characterization of G-Quadruplexes Folding/Unfolding Dynamics and Interactions with Proteins from Single-Molecule Force Spectroscopy. <i>Biomolecules</i> , 2021, 11, 1579.	4.0	17
11	Torque Transmission Mechanism via DELSEED Loop of F1-ATPase. <i>Biophysical Journal</i> , 2015, 108, 1144-1152.	0.5	15
12	Characterization of testicular germ cell tumors: Whole-lesion histogram analysis of the apparent diffusion coefficient at 3T. <i>European Journal of Radiology</i> , 2018, 98, 25-31.	2.6	15
13	Effects of Echo Time on IVIM Quantification of the Normal Prostate. <i>Scientific Reports</i> , 2018, 8, 2572.	3.3	13
14	ZYH005, a novel DNA intercalator, overcomes all-trans retinoic acid resistance in acute promyelocytic leukemia. <i>Nucleic Acids Research</i> , 2018, 46, 3284-3297.	14.5	13
15	Discrimination between benign and malignant testicular lesions using volumetric apparent diffusion coefficient histogram analysis. <i>European Journal of Radiology</i> , 2020, 126, 108939.	2.6	13
16	Winding single-molecule double-stranded DNA on a nanometer-sized reel. <i>Nucleic Acids Research</i> , 2012, 40, e151-e151.	14.5	12
17	Single-molecule imaging and manipulation of biomolecular machines and systems. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 241-252.	2.4	12
18	High Mechanical Stability and Slow Unfolding Rates Are Prevalent in Parallel-Stranded DNA G-Quadruplexes. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7966-7971.	4.6	12

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19	Two-State Folding Energy Determination Based on Transition Points in Nonequilibrium Single-Molecule Experiments. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 811-816.	4.6	11
20	A Universal Assay for Making DNA, RNA, and RNA-DNA Hybrid Configurations for Single-Molecule Manipulation in Two or Three Steps without Ligation. <i>ACS Synthetic Biology</i> , 2019, 8, 1663-1672.	3.8	10
21	Diagnostic Performance and Interobserver Consistency of the Prostate Imaging Reporting and Data System Version 2. <i>Chinese Medical Journal</i> , 2018, 131, 1666-1673.	2.3	9
22	Detecting the Formation Kinetics of Doxorubicin-DNA Interstrand Cross-link at the Single-Molecule Level and Clinically Relevant Concentrations of Doxorubicin. <i>Analytical Chemistry</i> , 2020, 92, 4504-4511.	6.5	9
23	Mechanical diversity and folding intermediates of parallel-stranded G-quadruplexes with a bulge. <i>Nucleic Acids Research</i> , 2021, 49, 7179-7188.	14.5	9
24	Single-Molecule Mechanical Unfolding of AT-Rich Chromosomal Fragile Site DNA Hairpins: Resolving the Thermodynamic and Kinetic Effects of a Single G-T Mismatch. <i>Journal of Physical Chemistry B</i> , 2020, 124, 9365-9370.	2.6	5
25	Using Magnetic Tweezers to Unravel the Mechanism of the G-quadruplex Binding and Unwinding Activities of DHX36 Helicase. <i>Methods in Molecular Biology</i> , 2021, 2209, 175-191.	0.9	5
26	Single-molecule Manipulation of G-quadruplexes by Magnetic Tweezers. <i>Journal of Visualized Experiments</i> , 2017, . .	0.3	4
27	Multi-model Analysis of Diffusion-weighted Imaging of Normal Testes at 3.0 T. <i>Academic Radiology</i> , 2018, 25, 445-452.	2.5	4
28	Bi-exponential versus mono-exponential diffusion-weighted imaging for evaluating prostate cancer aggressiveness after radical prostatectomy: a whole-tumor histogram analysis. <i>Acta Radiologica</i> , 2019, 60, 1566-1575.	1.1	4
29	Oxygen-Challenge Blood Oxygen Level-Dependent Magnetic Resonance Imaging for Evaluation of Early Change of Hepatocellular Carcinoma to Chemoembolization: A Feasibility Study. <i>Academic Radiology</i> , 2021, 28, S13-S19.	2.5	3
30	Validation of SE-EPI-based T2 mapping for characterization of prostate cancer: a new method compared with the traditional CPMG method. <i>Abdominal Radiology</i> , 2019, 44, 3432-3440.	2.1	2
31	Noninvasive Differentiation of Obstructive Azoospermia and Nonobstructive Azoospermia Using Multimodel Diffusion Weighted Imaging. <i>Academic Radiology</i> , 2021, 28, 1375-1382.	2.5	2
32	1C1324 Flexural rigidity of dsDNA measured by winding single molecule on a nanometer size bearing(Nucleic acid,The 49th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2011, 51, S34.	0.1	0
33	3PT103 Bending stiffness of double-stranded DNA measured by winding single-molecule on a nanometer-sized reel(The 50th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2012, 52, S157-S158.	0.1	0
34	Winding DNA on Molecular Reel Made of F ₁ -ATPase. <i>Seibutsu Butsuri</i> , 2013, 53, 160-161.	0.1	0