

# Jianquan Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4680845/publications.pdf>

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14  
papers

3,913  
citations

687363

13  
h-index

1058476

14  
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all docs

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docs citations

14  
times ranked

4690  
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunofluorescent labeling of cancer marker Her2 and other cellular targets with semiconductor quantum dots. <i>Nature Biotechnology</i> , 2003, 21, 41-46.	17.5	2,422
2	Efforts toward Expansion of the Genetic Alphabet: DNA Polymerase Recognition of a Highly Stable, Self-Pairing Hydrophobic Base. <i>Journal of the American Chemical Society</i> , 1999, 121, 11585-11586.	13.7	263
3	Optical coding of mammalian cells using semiconductor quantum dots. <i>Analytical Biochemistry</i> , 2004, 327, 200-208.	2.4	209
4	Efforts toward the Expansion of the Genetic Alphabet: Information Storage and Replication with Unnatural Hydrophobic Base Pairs. <i>Journal of the American Chemical Society</i> , 2000, 122, 3274-3287.	13.7	179
5	Luminogenic cytochrome P450 assays. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2006, 2, 629-645.	3.3	156
6	Nanostructured Materials Designed for Cell Binding and Transduction. <i>Biomacromolecules</i> , 2001, 2, 362-368.	5.4	149
7	Functionalized Micellar Assemblies Prepared via Block Copolymers Synthesized by Living Free Radical Polymerization upon Peptide-Loaded Resins. <i>Biomacromolecules</i> , 2005, 6, 220-228.	5.4	143
8	Peptide-polymer bioconjugates: hybrid block copolymers generated via living radical polymerizations from resin-supported peptides. <i>Chemical Communications</i> , 2003, , 180-181.	4.1	139
9	Reaction Mechanism of (6-4) Photolyase. <i>Journal of Biological Chemistry</i> , 1997, 272, 32580-32590.	3.4	133
10	Self-Cleavable Bioluminescent Luciferin Phosphates as Alkaline Phosphatase Reporters. <i>ChemBioChem</i> , 2008, 9, 714-718.	2.6	38
11	Label-free electrical detection of pyrophosphate generated from DNA polymerase reactions on field-effect devices. <i>Analyst</i> , 2012, 137, 1351.	3.5	31
12	Remarkable Photoreversal of a Thio Analog of the Dewar Valence Isomer of the (6 <sup>+</sup> 4) Photoproduct of DNA to the Parent Nucleotides. <i>Journal of the American Chemical Society</i> , 1996, 118, 3287-3288.	13.7	25
13	Surface immobilizable chelator for label-free electrical detection of pyrophosphate. <i>Chemical Communications</i> , 2011, 47, 8310.	4.1	25
14	Scalable Nanogap Sensors for Non-Redox Enzyme Assays. <i>ACS Sensors</i> , 2018, 3, 1773-1781.	7.8	1