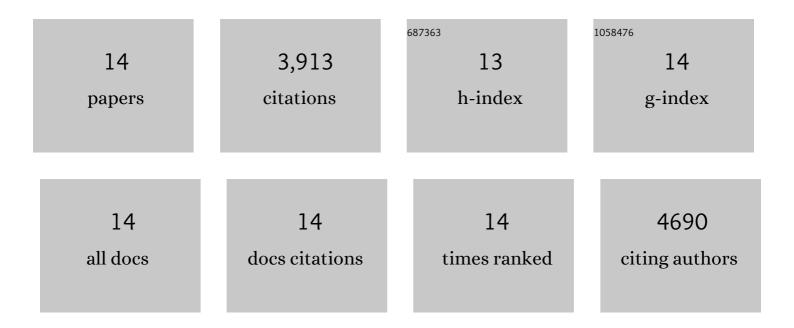
## Jianquan Liu

List of Publications by Year in descending order

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