Jianquan Liu

List of Publications by Year in descending order

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14	3,913	687363 13	1058476 14
papers	citations	h-index	g-index

14	14	14	4690
all docs	docs citations	times ranked	citing authors

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