

Kui Lu

List of Publications by Year in descending order

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38
papers

375
citations

1163117

8
h-index

794594

19
g-index

40
all docs

40
docs citations

40
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis and properties of peptide inhibitors based on BRCA1856-871. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 72, 128859.	2.2	2
2	Design and Synthesis of BRCA1 (856-871) Analogous and their Interactions with RAD51 (158-180). <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 1343-1350.	1.9	1
3	Nickel-catalyzed carbonylation of thioacetates with aryl iodides via CO insertion and C–S bond cleavage. <i>Journal of Chemical Research</i> , 2021, 45, 890-895.	1.3	4
4	Interaction of two peptide drugs with biomacromolecules analyzed by molecular docking and multi-spectroscopic methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 255, 119673.	3.9	8
5	Design, Synthesis and Interaction of BRCA1 Peptide Fragments with RAD51(181–200). <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 121-128.	1.9	3
6	PEP-FOLD design, synthesis, and characteristics of finger-like polypeptides. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 224, 117401.	3.9	7
7	Design, synthesis and interaction of BRC4 analogous peptides with RAD51(241–260). <i>Amino Acids</i> , 2020, 52, 361-369.	2.7	3
8	Biomolecular Interactions of RAD51181–200 with BRCA1846–871 and Mutants and Molecular Docking Approach. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 1991-1999.	1.9	0
9	Design of BRC analogous peptides based on the complex BRC–RAD51 and the preliminary study on the peptide structures. <i>Amino Acids</i> , 2020, 52, 831-839.	2.7	0
10	Sensitive Electrochemical Determination of Hyperin Based on Electrochemically Activated ZrO ₂ Nanoparticles-Modified Carbon Paste Electrode. <i>Nano</i> , 2019, 14, 1950052.	1.0	5
11	A Novel Ketonitrile Synthesis by Palladium-Catalyzed Carbonylative Coupling Reactions of Amides with Arylboronic Acids. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 7814-7819.	2.4	3
12	DNA/Lysozyme-binding affinity study of novel peptides from TAT (47–57) and BRCA1 (782–786) in vitro by spectroscopic analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 209, 109-117.	3.9	4
13	Non-covalent interaction between CA–TAT and calf thymus DNA: Deciphering the binding mode by in vitro studies. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 1354-1360.	7.5	23
14	Design and synthesis of BRC analogous peptides and their interactions with a key p53 peptide. <i>FEBS Letters</i> , 2018, 592, 3438-3445.	2.8	6
15	3D Graphene-Nitrogen Doped Carbon Nanotubes Network Modified Electrode as Sensing Materials for the Determination of Urapidil. <i>Materials</i> , 2018, 11, 322.	2.9	4
16	Nickel-catalysed radical tandem cyclisation/arylation: practical synthesis of 4-benzyl-3,3-difluoro-β-lactams. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6491-6498.	2.8	25
17	Design and Synthesis of Breast Cancer Susceptibility Gene BRCA1 Analogs Peptides and the Interaction of Analogs Peptides with Breast Cancer Suppressor Gene Protein RAD51. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 246.	1.3	3
18	Design, Synthesis and Properties of the Antibacterial Peptides Based on Tat(49-57). <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 148.	1.3	2

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19	Syntheses of valpromide dipeptide derivatives and interactions of derivatives with ctDNA. <i>Research on Chemical Intermediates</i> , 2015, 41, 8591-8601.	2.7	7
20	Concise Synthesis of Triazole-Linked 5 ^{â€²} -Peptide-Oligonucleotide Conjugates by Click Chemistry. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2015, 34, 579-589.	1.1	1
21	Design, synthesis, and characterization of BRC4 mutants based on the crystal structure of BRC4-RAD51(191â€“220). <i>Journal of Molecular Modeling</i> , 2015, 21, 299.	1.8	5
22	A novel direct synthesis of 3-acyl-4-aryldihydroquinolin-2(1H)-ones via metal-free radical tandem cyclization between N-arylcinnamamides and aldehydes. <i>Tetrahedron</i> , 2015, 71, 8041-8051.	1.9	20
23	The Synthesis of l-dopa-l-Tyr and The Interaction of l-dopa-l-Tyr With ctDNA. <i>International Journal of Peptide Research and Therapeutics</i> , 2014, 20, 299-305.	1.9	4
24	Synthesis of Fragment-Imprinted Microspheres of 2,6-Dichloropyrimidine as Templates and Determination of Sulfonamides in Milk Samples. <i>Chromatographia</i> , 2013, 76, 959-965.	1.3	5
25	Fragment-imprinted microspheres for the extraction of sulfonamides. <i>Mikrochimica Acta</i> , 2013, 180, 903-910.	5.0	7
26	Tetraazacalix[2]arene[2]triazine modified silica gel: A novel multi-interaction stationary phase for mixed-mode chromatography. <i>Journal of Chromatography A</i> , 2012, 1251, 74-81.	3.7	39
27	Comparison of Non-covalent Interactions Between a Series of N-Phosphoryl Dipeptide or Methyl Esters and Protein by Electrospray Ionization Mass Spectrometry. <i>International Journal of Peptide Research and Therapeutics</i> , 2011, 17, 61-67.	1.9	2
28	Chemical Strategies for the Synthesis of Peptideâ”Oligonucleotide Conjugates. <i>Bioconjugate Chemistry</i> , 2010, 21, 187-202.	3.6	93
29	Dispersive liquidâ€“liquid microextraction followed by high-performance liquid chromatography for the determination of three carbamate pesticides in water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 439-448.	3.3	41
30	Mechanism study on the Oligomerization of Amino Acids into Peptides by Phosphorus Trichloride. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 691-698.	1.6	1
31	Investigation on Interaction of L-Methionine Dipeptide with ct-DNA by Ultraviolet Spectroscopy. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 596-602.	1.6	4
32	Facile Synthesis of Polyaniline Nanofibers in the Presence of Polyethylene Glycol. <i>Journal of Polymer Research</i> , 2007, 14, 1-4.	2.4	31
33	Synthesis and Kinetic Studies on Dimer Fatty Acid/Polyethylene Glycol Polyester. <i>Journal of Polymer Research</i> , 2007, 14, 115-119.	2.4	8
34	ESI-MS Studies of Hetro-peptide Libraries by Phosphorus Oxychloride Activation. <i>International Journal of Peptide Research and Therapeutics</i> , 2005, 11, 111-115.	1.9	2
35	ESI-MS studies on novel liquid homo-peptide libraries and their conjugate libraries directed by phosphorus oxychloride. <i>International Journal of Peptide Research and Therapeutics</i> , 2003, 10, 11-14.	0.1	2
36	Ligand Exchange Between Pentaâ€“Coordinated Phosphoryl Serine and Histidine Compounds. <i>Chinese Journal of Chemistry</i> , 2003, 21, 1647-1651.	4.9	0

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37	ESI-MS studies on novel liquid homo-peptide libraries and their conjugate libraries directed by phosphorus oxychloride. <i>International Journal of Peptide Research and Therapeutics</i> , 2003, 10, 11-14.	0.1	0
38	Fluorescence Spectral Studies on the Coordination of Calix[4]arenes Bearing Boronic Acid Moieties with Monosaccharides. <i>Chinese Journal of Chemistry</i> , 2001, 19, 949-953.	4.9	0