Seah Ling Kuan

List of Publications by Year
in descending order

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54 papers	1,492 citations	279701 23 h-index	330025 37 g-index
62 all docs	62 docs citations	62 times ranked	2094 citing authors

#	Article	IF	Citations
1	Assembly of pHâ€Responsive Antibodyâ€Drugâ€Inspired Conjugates. Macromolecular Bioscience, 2022, 22, 2100299.	2.1	3
2	Solidâ€Phase Protein Modifications: Towards Precision Protein Hybrids for Biological Applications. ChemMedChem, 2021, 16, 94-104.	1.6	7
3	Contemporary Approaches for Siteâ€Selective Dual Functionalization of Proteins. Angewandte Chemie - International Edition, 2021, 60, 13757-13777.	7.2	56
4	Contemporary Approaches for Siteâ€Selective Dual Functionalization of Proteins. Angewandte Chemie, 2021, 133, 13874-13894.	1.6	10
5	Chemoselective cysteine or disulfide modification via single atom substitution in chloromethyl acryl reagents. Chemical Science, 2021, 12, 13321-13330.	3.7	15
6	Dual Stimuli-Responsive Dynamic Covalent Peptide Tags: Toward Sequence-Controlled Release in Tumor-like Microenvironments. Journal of the American Chemical Society, 2021, 143, 17047-17058.	6.6	28
7	Precise tetrafunctional streptavidin bioconjugates towards multifaceted drug delivery systems. Chemical Communications, 2020, 56, 9858-9861.	2.2	5
8	Somatostatin receptor mediated targeting of acute myeloid leukemia by photodynamic metal complexes for light induced apoptosis. Scientific Reports, 2020, 10, 371.	1.6	12
9	Site-selective protein modification via disulfide rebridging for fast tetrazine/trans-cyclooctene bioconjugation. Organic and Biomolecular Chemistry, 2020, 18, 1140-1147.	1.5	18
10	Supramolecular Toxin Complexes for Targeted Pharmacological Modulation of Polymorphonuclear Leukocyte Functions. Advanced Healthcare Materials, 2019, 8, 1900665.	3.9	4
11	Patchy Amphiphilic Dendrimers Bind Adenovirus and Control Its Host Interactions and in Vivo Distribution. ACS Nano, 2019, 13, 8749-8759.	7.3	22
12	Targeted Protein Delivery: Supramolecular Toxin Complexes for Targeted Pharmacological Modulation of Polymorphonuclear Leukocyte Functions (Adv. Healthcare Mater. 17/2019). Advanced Healthcare Materials, 2019, 8, 1970072.	3.9	0
13	Engineering Proteins at Interfaces: From Complementary Characterization to Material Surfaces with Designed Functions. Angewandte Chemie - International Edition, 2018, 57, 12626-12648.	7.2	40
14	Engineering von Proteinen an OberflÃchen: Von komplementÃrer Charakterisierung zu MaterialoberflÃchen mit maÃŸgeschneiderten Funktionen. Angewandte Chemie, 2018, 130, 12806-12830.	1.6	3
15	Chemoselective Dual Labeling of Native and Recombinant Proteins. Bioconjugate Chemistry, 2018, 29, 29-34.	1.8	15
16	Functional protein nanostructures: a chemical toolbox. Chemical Society Reviews, 2018, 47, 9069-9105.	18.7	83
17	â€œTag and Modifyâ€• Protein Conjugation with Dynamic Covalent Chemistry. Bioconjugate Chemistry, 2018, 29, 2665-2670.	1.8	35
18	Antimicrobial and Antiâ€Biofilm Activities of Surface Engineered Polycationic Albumin Nanoparticles with Reduced Hemolytic Activity. Macromolecular Bioscience, 2018, 18, e1800196.	2.1	12

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19	Dynamic Coreâ€“Shell Bioconjugates for Targeted Protein Delivery and Release. Chemistry - an Asian Journal, 2018, 13, 3474-3479.	1.7	11
20	Boosting Antitumor Drug Efficacy with Chemically Engineered Multidomain Proteins. Advanced Science, 2018, 5, 1701036.	5.6	22
21	Spatiotemporally Controlled Release of Rhoâ€Inhibiting C3 Toxin from a Proteinâ€“DNA Hybrid Hydrogel for Targeted Inhibition of Osteoclast Formation and Activity. Advanced Healthcare Materials, 2017, 6, 1700392.	3.9	57
22	A Supramolecular Approach toward Bioinspired PAMAMâ€Dendronized Fusion Toxins. Macromolecular Bioscience, 2016, 16, 803-810.	2.1	7
23	Siteâ€Selective Disulfide Modification of Proteins: Expanding Diversity beyond the Proteome. Chemistry - A European Journal, 2016, 22, 17112-17129.	1.7	75
24	Water-soluble allyl sulfones for dual site-specific labelling of proteins and cyclic peptides. Chemical Science, 2016, 7, 3234-3239.	3.7	66
25	Programming Bioactive Architectures with Cyclic Peptide Amphiphiles. ChemPlusChem, 2015, 80, 1347-1353.	1.3	2
26	A Polyphenylene Dendrimer Drug Transporter with Precisely Positioned Amphiphilic Surface Patches. Advanced Healthcare Materials, 2015, 4, 377-384.	3.9	28
27	Coordination complexes of thiazyl rings â€” Synthesis, structure, and density functional theory (DFT) computational analysis of CpCr(CO)_x (x = 2, 3) complexes of fluorinated and nonfluorinated 1λ³-1,2,4,6-thiatriazinyls with differing Crâ€“S bond orders. Canadian Journal of Chemistry, 2015, 93, 181-195.	0.6	6
28	A Disulfide Intercalator Toolbox for the Siteâ€Directed Modification of Polypeptides. Chemistry - A European Journal, 2015, 21, 228-238.	1.7	33
29	Proteinâ€“polymer therapeutics: a macromolecular perspective. Biomaterials Science, 2015, 3, 214-230.	2.6	72
30	Constructing Hybrid Protein Zymogens through Protective Dendritic Assembly. Angewandte Chemie - International Edition, 2014, 53, 324-328.	7.2	70
31	Programmable proteinâ€“DNA hybrid hydrogels for the immobilization and release of functional proteins. Chemical Communications, 2014, 50, 14620-14622.	2.2	66
32	Macromol. Rapid Commun. 2/2014. Macromolecular Rapid Communications, 2014, 35, 264-264.	2.0	0
33	Tuning Polarity of Polyphenylene Dendrimers by Patched Surface Amphiphilicityâ€”Precise Control over Size, Shape, and Polarity. Macromolecular Rapid Communications, 2014, 35, 152-160.	2.0	21
34	Programming Supramolecular Biohybrids as Precision Therapeutics. Accounts of Chemical Research, 2014, 47, 3471-3480.	7.6	43
35	Dendronized Albumin Coreâ€“Shell Transporters with High Drug Loading Capacity. Biomacromolecules, 2013, 14, 367-376.	2.6	37
36	A Coreâ€“Shell Albumin Copolymer Nanotransporter for High Capacity Loading and Twoâ€Step Release of Doxorubicin with Enhanced Antiâ€Leukemia Activity. Advanced Healthcare Materials, 2013, 2, 884-894.	3.9	69

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37	Cross-conjugation of DNA, proteins and peptides via a pH switch. Chemical Science, 2013, 4, 1889.	3.7	25
38	pH Responsive Janus-like Supramolecular Fusion Proteins for Functional Protein Delivery. Journal of the American Chemical Society, 2013, 135, 17254-17257.	6.6	33
39	Precision Biopolymers from Protein Precursors for Biomedical Applications. Macromolecular Rapid Communications, 2013, 34, 380-392.	2.0	21
40	Efficient Delivery of p53 and Cytochrome C by Supramolecular Assembly of a Dendritic Multiâ€Domain Delivery System. Advanced Healthcare Materials, 2013, 2, 1620-1629.	3.9	24
41	Polymer Complexes in Biological Applications. Advances in Polymer Science, 2013, , 211-235.	0.4	1
42	Mixed-Sandwich (Cp*/(HMB))Ru Complexes Containing Bis(methimazolyl)(pyrazolyl)borate (Cp* =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Organometallics, 2012, 31, 5159-5168.	1.1	12
43	Mixed-Sandwich Cp*Cr Complexes Containing Poly(methimazolyl)borates (Cp* = C5Me5): Syntheses and Structural and Electrochemical Studies. Organometallics, 2012, 31, 273-281.	1.1	8
44	pH-Responsive Quantum Dots via an Albumin Polymer Surface Coating. Journal of the American Chemical Society, 2010, 132, 5012-5014.	6.6	94
45	Coupling of CpCr(CO)₃ and Heterocyclic Dithiadiazolyl Radicals. Synthetic, X-ray Diffraction, Dynamic NMR, EPR, CV, and DFT Studies. Inorganic Chemistry, 2008, 47, 632-644.	1.9	21
46	Synthetic and X-ray Structural and Reactivity Studies of Cp*RuIVComplexes Containing Bidentate Dithiocarbonate, Xanthate, Carbonate, and Phosphinate Ligands (Cp* = Î·5-C5Me5). Inorganic Chemistry, 2007, 46, 1440-1450.	1.9	23
47	A tert-butyl/cyano substituted (1,2,3,5-dithiadiazolyl)benzene and Î·2 Ï€ complexes with CpCr(CO)2. Journal of Organometallic Chemistry, 2007, 692, 2697-2704.	0.8	12
48	Î·1and Î·2complexes of Î»3-1,2,4,6-thiatriazinyls with CpCr(CO)x. Chemical Communications, 2006, , 4735-4737.	2.2	17
49	Highly Oxidized Ruthenium Organometallic Compounds. The Synthesis and One-Electron Electrochemical Oxidation of [Cp*RuIVCl2(S2CR)] (Cp* = Î·5-C5Me5, R = NMe2, NEt2, OiPr). Organometallics, 2006, 25, 6134-6141.	1.1	16
50	HMB and Cp* ruthenium(II) complexes containing bis- and tris-(mercaptomethimazolyl)borate ligands: Synthetic, X-ray structural and electrochemical studies (HMB=Î·6-C6Me6, Cp*=Î·5-C5Me5). Journal of Organometallic Chemistry, 2006, 691, 907-915.	0.8	38
51	Reactivity of [CpCr(CO)3]2 towards thione (CS) moieties in some sulfur-containing substrates. Journal of Organometallic Chemistry, 2005, 690, 2323-2332.	0.8	7
52	Heterocyclic Thionates as a New Class of Bridging Ligands in Oxo-Centered Triangular Cyclopentadienylchromium(III) Complexes. Inorganic Chemistry, 2005, 44, 5229-5240.	1.9	12
53	Redox-Dependent Isomerization of Organometallic RuII/RuIII Compounds Containing the Hydrotris(methimazolyl)borate Ligand:â€‰ An Electrochemical Square Scheme Mechanism. Organometallics, 2005, 24, 4639-4648.	1.1	25
54	Comparative reactivity studies of dppf-containing CpRuII and (C6Me6)RuII complexes towards different donor ligands (dppf=1,1â€²-bis(diphenylphosphino)ferrocene). Journal of Organometallic Chemistry, 2004, 689, 1978-1990.	0.8	41