

Seah Ling Kuan

List of Publications by Year in descending order

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papers

1,492
citations

279701

23
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62
all docs

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docs citations

62
times ranked

2094
citing authors

#	ARTICLE	IF	CITATIONS
1	pH-Responsive Quantum Dots via an Albumin Polymer Surface Coating. <i>Journal of the American Chemical Society</i> , 2010, 132, 5012-5014.	6.6	94
2	Functional protein nanostructures: a chemical toolbox. <i>Chemical Society Reviews</i> , 2018, 47, 9069-9105.	18.7	83
3	Site-Selective Disulfide Modification of Proteins: Expanding Diversity beyond the Proteome. <i>Chemistry - A European Journal</i> , 2016, 22, 17112-17129.	1.7	75
4	Protein-polymer therapeutics: a macromolecular perspective. <i>Biomaterials Science</i> , 2015, 3, 214-230.	2.6	72
5	Constructing Hybrid Protein Zymogens through Protective Dendritic Assembly. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 324-328.	7.2	70
6	A Core-Shell Albumin Copolymer Nanotransporter for High Capacity Loading and Two-Step Release of Doxorubicin with Enhanced Anti-Leukemia Activity. <i>Advanced Healthcare Materials</i> , 2013, 2, 884-894.	3.9	69
7	Programmable protein-DNA hybrid hydrogels for the immobilization and release of functional proteins. <i>Chemical Communications</i> , 2014, 50, 14620-14622.	2.2	66
8	Water-soluble allyl sulfones for dual site-specific labelling of proteins and cyclic peptides. <i>Chemical Science</i> , 2016, 7, 3234-3239.	3.7	66
9	Spatiotemporally Controlled Release of Rho-Inhibiting C3 Toxin from a Protein-DNA Hybrid Hydrogel for Targeted Inhibition of Osteoclast Formation and Activity. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700392.	3.9	57
10	Contemporary Approaches for Site-Selective Dual Functionalization of Proteins. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13757-13777.	7.2	56
11	Programming Supramolecular Biohybrids as Precision Therapeutics. <i>Accounts of Chemical Research</i> , 2014, 47, 3471-3480.	7.6	43
12	Comparative reactivity studies of dppf-containing CpRuII and (C6Me6)RuII complexes towards different donor ligands (dppf=1,1'-bis(diphenylphosphino)ferrocene). <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1978-1990.	0.8	41
13	Engineering Proteins at Interfaces: From Complementary Characterization to Material Surfaces with Designed Functions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12626-12648.	7.2	40
14	HMB and Cp* ruthenium(II) complexes containing bis- and tris-(mercaptomethimazolyl)borate ligands: Synthetic, X-ray structural and electrochemical studies (HMB=1-6-C6Me6, Cp*=1-5-C5Me5). <i>Journal of Organometallic Chemistry</i> , 2006, 691, 907-915.	0.8	38
15	Dendronized Albumin Core-Shell Transporters with High Drug Loading Capacity. <i>Biomacromolecules</i> , 2013, 14, 367-376.	2.6	37
16	Tag and Modify-Protein Conjugation with Dynamic Covalent Chemistry. <i>Bioconjugate Chemistry</i> , 2018, 29, 2665-2670.	1.8	35
17	pH Responsive Janus-like Supramolecular Fusion Proteins for Functional Protein Delivery. <i>Journal of the American Chemical Society</i> , 2013, 135, 17254-17257.	6.6	33
18	A Disulfide Intercalator Toolbox for the Site-Directed Modification of Polypeptides. <i>Chemistry - A European Journal</i> , 2015, 21, 228-238.	1.7	33

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19	A Polyphenylene Dendrimer Drug Transporter with Precisely Positioned Amphiphilic Surface Patches. <i>Advanced Healthcare Materials</i> , 2015, 4, 377-384.	3.9	28
20	Dual Stimuli-Responsive Dynamic Covalent Peptide Tags: Toward Sequence-Controlled Release in Tumor-like Microenvironments. <i>Journal of the American Chemical Society</i> , 2021, 143, 17047-17058.	6.6	28
21	Redox-Dependent Isomerization of Organometallic RuII/RuIII Compounds Containing the Hydrotris(methimazolyl)borate Ligand: An Electrochemical Square Scheme Mechanism. <i>Organometallics</i> , 2005, 24, 4639-4648.	1.1	25
22	Cross-conjugation of DNA, proteins and peptides via a pH switch. <i>Chemical Science</i> , 2013, 4, 1889.	3.7	25
23	Efficient Delivery of p53 and Cytochrome C by Supramolecular Assembly of a Dendritic Multi- π -Domain Delivery System. <i>Advanced Healthcare Materials</i> , 2013, 2, 1620-1629.	3.9	24
24	Synthetic and X-ray Structural and Reactivity Studies of Cp*RuIV Complexes Containing Bidentate Dithiocarbonate, Xanthate, Carbonate, and Phosphinate Ligands (Cp* = η -5-C5Me5). <i>Inorganic Chemistry</i> , 2007, 46, 1440-1450.	1.9	23
25	Boosting Antitumor Drug Efficacy with Chemically Engineered Multidomain Proteins. <i>Advanced Science</i> , 2018, 5, 1701036.	5.6	22
26	Patchy Amphiphilic Dendrimers Bind Adenovirus and Control Its Host Interactions and in Vivo Distribution. <i>ACS Nano</i> , 2019, 13, 8749-8759.	7.3	22
27	Coupling of CpCr(CO) ₃ and Heterocyclic Dithiadiazolyl Radicals. Synthetic, X-ray Diffraction, Dynamic NMR, EPR, CV, and DFT Studies. <i>Inorganic Chemistry</i> , 2008, 47, 632-644.	1.9	21
28	Precision Biopolymers from Protein Precursors for Biomedical Applications. <i>Macromolecular Rapid Communications</i> , 2013, 34, 380-392.	2.0	21
29	Tuning Polarity of Polyphenylene Dendrimers by Patched Surface Amphiphilicity: Precise Control over Size, Shape, and Polarity. <i>Macromolecular Rapid Communications</i> , 2014, 35, 152-160.	2.0	21
30	Site-selective protein modification <i>via</i> disulfide rebridging for fast tetrazine- <i>trans</i> -cyclooctene bioconjugation. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1140-1147.	1.5	18
31	η -1 and η -2 complexes of η -3-1,2,4,6-thiatriazinyls with CpCr(CO) _x . <i>Chemical Communications</i> , 2006, , 4735-4737.	2.2	17
32	Highly Oxidized Ruthenium Organometallic Compounds. The Synthesis and One-Electron Electrochemical Oxidation of [Cp*RuIVCl ₂ (S ₂ CR)] (Cp* = η -5-C ₅ Me ₅ , R = NMe ₂ , NEt ₂ , OiPr). <i>Organometallics</i> , 2006, 25, 6134-6141.	1.1	16
33	Chemoselective Dual Labeling of Native and Recombinant Proteins. <i>Bioconjugate Chemistry</i> , 2018, 29, 29-34.	1.8	15
34	Chemoselective cysteine or disulfide modification <i>via</i> single atom substitution in chloromethyl acryl reagents. <i>Chemical Science</i> , 2021, 12, 13321-13330.	3.7	15
35	Heterocyclic Thionates as a New Class of Bridging Ligands in Oxo-Centered Triangular Cyclopentadienylchromium(III) Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 5229-5240.	1.9	12
36	A tert-butyl/cyano substituted (1,2,3,5-dithiadiazolyl)benzene and η -2 π complexes with CpCr(CO) ₂ . <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2697-2704.	0.8	12

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37	Mixed-Sandwich (Cp*)(HMB)Ru Complexes Containing Bis(methimazolyl)(pyrazolyl)borate (Cp* = Tj ETQq1 1 0.784314 rgBT /Overlo Organometallics, 2012, 31, 5159-5168.	1.1	12
38	Antimicrobial and Anti-Biofilm Activities of Surface Engineered Polycationic Albumin Nanoparticles with Reduced Hemolytic Activity. Macromolecular Bioscience, 2018, 18, e1800196.	2.1	12
39	Somatostatin receptor mediated targeting of acute myeloid leukemia by photodynamic metal complexes for light induced apoptosis. Scientific Reports, 2020, 10, 371.	1.6	12
40	Dynamic Core-Shell Bioconjugates for Targeted Protein Delivery and Release. Chemistry - an Asian Journal, 2018, 13, 3474-3479.	1.7	11
41	Contemporary Approaches for Site-Selective Dual Functionalization of Proteins. Angewandte Chemie, 2021, 133, 13874-13894.	1.6	10
42	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
43	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
44	A Supramolecular Approach toward Bioinspired PAMAM-Dendronized Fusion Toxins. Macromolecular Bioscience, 2016, 16, 803-810.	2.1	7
45	Solid-Phase Protein Modifications: Towards Precision Protein Hybrids for Biological Applications. ChemMedChem, 2021, 16, 94-104.	1.6	7
46	Coordination complexes of thiazyl rings - Synthesis, structure, and density functional theory (DFT) computational analysis of CpCr(CO) ₂ (x = 2, 3) complexes of fluorinated and nonfluorinated 1,2,4,6-thiatriazinyls with differing Cr-S bond orders. Canadian Journal of Chemistry, 2015, 93, 181-195.	0.6	6
47	Precise tetrafunctional streptavidin bioconjugates towards multifaceted drug delivery systems. Chemical Communications, 2020, 56, 9858-9861.	2.2	5
48	Supramolecular Toxin Complexes for Targeted Pharmacological Modulation of Polymorphonuclear Leukocyte Functions. Advanced Healthcare Materials, 2019, 8, 1900665.	3.9	4
49	Engineering von Proteinen an OberflÄchen: Von komplementÄrer Charakterisierung zu MaterialoberflÄchen mit maßgeschneiderten Funktionen. Angewandte Chemie, 2018, 130, 12806-12830.	1.6	3
50	Assembly of pH-Responsive Antibody-Inspired Conjugates. Macromolecular Bioscience, 2022, 22, 2100299.	2.1	3
51	Programming Bioactive Architectures with Cyclic Peptide Amphiphiles. ChemPlusChem, 2015, 80, 1347-1353.	1.3	2
52	Polymer Complexes in Biological Applications. Advances in Polymer Science, 2013, , 211-235.	0.4	1
53	Macromol. Rapid Commun. 2/2014. Macromolecular Rapid Communications, 2014, 35, 264-264.	2.0	0
54	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