Seyoung Koo

List of Publications by Year in descending order

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SEVOLING KOO

#	Article	IF	CITATIONS
1	Versatile Types of Inorganic/Organic NIR-IIa/IIb Fluorophores: From Strategic Design toward Molecular Imaging and Theranostics. Chemical Reviews, 2022, 122, 209-268.	23.0	232
2	Harnessing GLUT1â€Targeted Proâ€oxidant Ascorbate for Synergistic Phototherapeutics. Angewandte Chemie - International Edition, 2022, 61, .	7.2	15
3	A molecular recognition platform for the simultaneous sensing of diverse chemical weapons. Chemical Science, 2022, 13, 4523-4532.	3.7	55
4	Self-assemble nanostructured ensembles for detection of guanosine triphosphate based on receptor structure modulated sensitivity and selectivity. Sensors and Actuators B: Chemical, 2022, 368, 132091.	4.0	1
5	An Ethacrynic Acidâ€Brominated BODIPY Photosensitizer (EAâ€BPS) Construct Enhances the Lethality of Reactive Oxygen Species in Hypoxic Tumorâ€Targeted Photodynamic Therapy. Angewandte Chemie - International Edition, 2021, 60, 3196-3204.	7.2	68
6	An Ethacrynic Acidâ€Brominated BODIPY Photosensitizer (EAâ€BPS) Construct Enhances the Lethality of Reactive Oxygen Species in Hypoxic Tumorâ€Targeted Photodynamic Therapy. Angewandte Chemie, 2021, 133, 3233-3241.	1.6	6
7	Visible to mid IR: A library of multispectral diagnostic imaging. Coordination Chemistry Reviews, 2021, 426, 213608.	9.5	14
8	Harnessing α- <scp>l</scp> -fucosidase for <i>in vivo</i> cellular senescence imaging. Chemical Science, 2021, 12, 10054-10062.	3.7	25
9	Mitochondria-targeted nanotheranostic: Harnessing single-laser-activated dual phototherapeutic processing for hypoxic tumor treatment. Matter, 2021, 4, 2508-2521.	5.0	22
10	Mitochondrial H2Sn-Mediated Anti-Inflammatory Theranostics. Nano-Micro Letters, 2021, 13, 168.	14.4	25
11	Nanoscale materials-based platforms for the treatment of bone-related diseases. Matter, 2021, 4, 2727-2764.	5.0	51
12	Fluorescent Imaging of Reactive Oxygen and Nitrogen Species Associated with Pathophysiological Processes. CheM, 2020, 6, 832-866.	5.8	133
13	Coumarin-Based Small-Molecule Fluorescent Chemosensors. Chemical Reviews, 2019, 119, 10403-10519.	23.0	814
14	Targeting Heterogeneous Tumors Using a Multifunctional Molecular Prodrug. Journal of the American Chemical Society, 2019, 141, 15611-15618.	6.6	76
15	Molecular Theranostic Agent with Programmed Activation for Hypoxic Tumors. ACS Applied Bio Materials, 2019, 2, 4648-4655.	2.3	8
16	Hypoxia-targeted drug delivery. Chemical Society Reviews, 2019, 48, 771-813.	18.7	350
17	A rhodamine based fluorescent probe validates substrate and cellular hypoxia specific NADH expression. Chemical Communications, 2019, 55, 537-540.	2.2	34
18	Multifunctional Fluorescent Nanoprobe for Sequential Detections of Hg ²⁺ lons and Biothiols in Live Cells. ACS Applied Bio Materials, 2018, 1, 871-878.	2.3	30

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#	Article	IF	CITATIONS
19	Overcoming the Limits of Hypoxia in Photodynamic Therapy: A Carbonic Anhydrase IX-Targeted Approach. Journal of the American Chemical Society, 2017, 139, 7595-7602.	6.6	261
20	A Mitochondria-Targeted Cryptocyanine-Based Photothermogenic Photosensitizer. Journal of the American Chemical Society, 2017, 139, 9972-9978.	6.6	288
21	Targeted combinational therapy inducing mitochondrial dysfunction. Chemical Communications, 2017, 53, 1281-1284.	2.2	30
22	PLK1-Targeted Fluorescent Tumor Imaging with High Signal-to-Background Ratio. ACS Sensors, 2017, 2, 1512-1516.	4.0	20
23	Small conjugate-based theranostic agents: an encouraging approach for cancer therapy. Chemical Society Reviews, 2015, 44, 6670-6683.	18.7	335
24	Harnessing GLUT1 Targeted Proâ€oxidant Ascorbate for Synergistic Phototherapeutics. Angewandte Chemie, 0, , .	1.6	1