

Seyoung Koo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2691782/publications.pdf>

Version: 2024-02-01

24
papers

2,899
citations

489802

18
h-index

685536

24
g-index

25
all docs

25
docs citations

25
times ranked

4195
citing authors

#	ARTICLE	IF	CITATIONS
1	Versatile Types of Inorganic/Organic NIR-IIa/IIb Fluorophores: From Strategic Design toward Molecular Imaging and Theranostics. <i>Chemical Reviews</i> , 2022, 122, 209-268.	23.0	232
2	Harnessing GLUT1-Targeted Pro-Oxidant Ascorbate for Synergistic Phototherapeutics. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	15
3	A molecular recognition platform for the simultaneous sensing of diverse chemical weapons. <i>Chemical Science</i> , 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. <i>Sensors and Actuators B: Chemical</i> , 2022, 368, 132091.	4.0	1
5	An Ethacrynic Acid-Brominated BODIPY Photosensitizer (EA-BPS) Construct Enhances the Lethality of Reactive Oxygen Species in Hypoxic Tumor-Targeted Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3196-3204.	7.2	68
6	An Ethacrynic Acid-Brominated BODIPY Photosensitizer (EA-BPS) Construct Enhances the Lethality of Reactive Oxygen Species in Hypoxic Tumor-Targeted Photodynamic Therapy. <i>Angewandte Chemie</i> , 2021, 133, 3233-3241.	1.6	6
7	Visible to mid IR: A library of multispectral diagnostic imaging. <i>Coordination Chemistry Reviews</i> , 2021, 426, 213608.	9.5	14
8	Harnessing α -fucosidase for <i>in vivo</i> cellular senescence imaging. <i>Chemical Science</i> , 2021, 12, 10054-10062.	3.7	25
9	Mitochondria-targeted nanotheranostic: Harnessing single-laser-activated dual phototherapeutic processing for hypoxic tumor treatment. <i>Matter</i> , 2021, 4, 2508-2521.	5.0	22
10	Mitochondrial H ₂ Sn-Mediated Anti-Inflammatory Theranostics. <i>Nano-Micro Letters</i> , 2021, 13, 168.	14.4	25
11	Nanoscale materials-based platforms for the treatment of bone-related diseases. <i>Matter</i> , 2021, 4, 2727-2764.	5.0	51
12	Fluorescent Imaging of Reactive Oxygen and Nitrogen Species Associated with Pathophysiological Processes. <i>CheM</i> , 2020, 6, 832-866.	5.8	133
13	Coumarin-Based Small-Molecule Fluorescent Chemosensors. <i>Chemical Reviews</i> , 2019, 119, 10403-10519.	23.0	814
14	Targeting Heterogeneous Tumors Using a Multifunctional Molecular Prodrug. <i>Journal of the American Chemical Society</i> , 2019, 141, 15611-15618.	6.6	76
15	Molecular Theranostic Agent with Programmed Activation for Hypoxic Tumors. <i>ACS Applied Bio Materials</i> , 2019, 2, 4648-4655.	2.3	8
16	Hypoxia-targeted drug delivery. <i>Chemical Society Reviews</i> , 2019, 48, 771-813.	18.7	350
17	A rhodamine based fluorescent probe validates substrate and cellular hypoxia specific NADH expression. <i>Chemical Communications</i> , 2019, 55, 537-540.	2.2	34
18	Multifunctional Fluorescent Nanoprobe for Sequential Detections of Hg ²⁺ Ions and Biothiols in Live Cells. <i>ACS Applied Bio Materials</i> , 2018, 1, 871-878.	2.3	30

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