

Xiaoxiao Yang

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

523
citations

623574

14
h-index

677027

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g-index

26
all docs

26
docs citations

26
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon monoxide: An emerging therapy for acute kidney injury. <i>Medicinal Research Reviews</i> , 2020, 40, 1147-1177.	5.0	45
2	Nitro reduction-based fluorescent probes for carbon monoxide require reactivity involving a ruthenium carbonyl moiety. <i>Chemical Communications</i> , 2020, 56, 2190-2193.	2.2	45
3	Esterase-Sensitive Glutathione Persulfide Donor. <i>Organic Letters</i> , 2018, 20, 6364-6367.	2.4	39
4	Making smart drugs smarter: The importance of linker chemistry in targeted drug delivery. <i>Medicinal Research Reviews</i> , 2020, 40, 2682-2713.	5.0	35
5	Organic carbon monoxide prodrug, BW-CO-111, in protection against chemically-induced gastric mucosal damage. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 456-475.	5.7	35
6	Nature's marvels endowed in gaseous molecules I: Carbon monoxide and its physiological and therapeutic roles. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1434-1445.	5.7	35
7	Click and Release: A High-Content Bioorthogonal Prodrug with Multiple Outputs. <i>Organic Letters</i> , 2019, 21, 3649-3652.	2.4	32
8	Chemical Reactivities of Two Widely Used Ruthenium-Based CO-Releasing Molecules with a Range of Biologically Important Reagents and Molecules. <i>Analytical Chemistry</i> , 2021, 93, 5317-5326.	3.2	29
9	Redox and catalase-like activities of four widely used carbon monoxide releasing molecules (CO-RMs). <i>Chemical Science</i> , 2021, 12, 13013-13020.	3.7	26
10	Towards "CO in a pill": Pharmacokinetic studies of carbon monoxide prodrugs in mice. <i>Journal of Controlled Release</i> , 2020, 327, 174-185.	4.8	25
11	Adapting decarbonylation chemistry for the development of prodrugs capable of <i>in vivo</i> delivery of carbon monoxide utilizing sweeteners as carrier molecules. <i>Chemical Science</i> , 2021, 12, 10649-10654.	3.7	23
12	"CO in a pill": Towards oral delivery of carbon monoxide for therapeutic applications. <i>Journal of Controlled Release</i> , 2021, 338, 593-609.	4.8	21
13	Prodrugs of Persulfides, Sulfur Dioxide, and Carbon Disulfide: Important Tools for Studying Sulfur Signaling at Various Oxidation States. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 1046-1059.	2.5	19
14	Improved synthesis of unnatural amino acids for peptide stapling. <i>Tetrahedron Letters</i> , 2017, 58, 2374-2377.	0.7	15
15	Anticancer strategies by upregulating p53 through inhibition of its ubiquitination by MDM2. <i>Medicinal Chemistry Research</i> , 2020, 29, 1105-1121.	1.1	15
16	Carbon Monoxide Signaling: Examining Its Engagement with Various Molecular Targets in the Context of Binding Affinity, Concentration, and Biologic Response. <i>Pharmacological Reviews</i> , 2022, 74, 825-875.	7.1	15
17	Upregulation of p53 through induction of MDM2 degradation: Anthraquinone analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3860-3865.	1.4	11
18	Inducing apoptosis through upregulation of p53: structure-activity exploration of anthraquinone analogs. <i>Medicinal Chemistry Research</i> , 2020, 29, 1199-1210.	1.1	10

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19	Restoring and Enhancing the Potency of Existing Antibiotics against Drug-Resistant Gram-Negative Bacteria through the Development of Potent Small-Molecule Adjuvants. <i>ACS Infectious Diseases</i> , 2022, 8, 1491-1508.	1.8	10
20	Carbon monoxide signaling and soluble guanylyl cyclase: Facts, myths, and intriguing possibilities. <i>Biochemical Pharmacology</i> , 2022, 200, 115041.	2.0	9
21	Upregulation of p53 through induction of MDM2 degradation: Amino acid prodrugs of anthraquinone analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126786.	1.0	8
22	Carbon Monoxide as a Therapeutic for Airway Diseases: Contrast and Comparison of Various CO Delivery Modalities. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 2890-2908.	1.0	8
23	Activated charcoal dispersion of carbon monoxide prodrugs for oral delivery of CO in a pill. <i>International Journal of Pharmaceutics</i> , 2022, 618, 121650.	2.6	5
24	Light-Activated CO Donor as a Universal CO Surrogate for Pd-Catalyzed and Light-Mediated Carbonylation. <i>Organic Letters</i> , 2022, 24, 4902-4907.	2.4	5
25	Click, release, and fluoresce: In-vivo generation of CO with concomitant synthesis of a fluorescent reporter. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 44, 116297.	1.4	2
26	Nanoparticle encapsulation of non-genotoxic p53 activator Inauhizin-C for improved therapeutic efficacy. <i>Theranostics</i> , 2021, 11, 7005-7017.	4.6	1