

BelÃ©n Rubio-Ruiz

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,291
citations

430754

18
h-index

414303

32
g-index

37
all docs

37
docs citations

37
times ranked

1740
citing authors

#	ARTICLE	IF	CITATIONS
1	A 5-FU Precursor Designed to Evade Anabolic and Catabolic Drug Pathways and Activated by Pd Chemistry <i>In Vitro</i> and <i>In Vivo</i> . <i>Journal of Medicinal Chemistry</i> , 2022, 65, 552-561.	2.9	20
2	Selective Anticancer Therapy Based on a HA-CD44 Interaction Inhibitor Loaded on Polymeric Nanoparticles. <i>Pharmaceutics</i> , 2022, 14, 788.	2.0	4
3	Nondestructive production of exosomes loaded with ultrathin palladium nanosheets for targeted bio-orthogonal catalysis. <i>Nature Protocols</i> , 2021, 16, 131-163.	5.5	16
4	Recent advances in the design of choline kinase \pm inhibitors and the molecular basis of their inhibition. <i>Medicinal Research Reviews</i> , 2021, 41, 902-927.	5.0	13
5	A minimally-masked inactive prodrug of panobinostat that is bioorthogonally activated by gold chemistry. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 41, 116217.	1.4	10
6	Bioorthogonal Uncaging of Cytotoxic Paclitaxel through Pd Nanosheet-Hydrogel Frameworks. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9650-9659.	2.9	33
7	Cancer-derived exosomes loaded with ultrathin palladium nanosheets for targeted bioorthogonal catalysis. <i>Nature Catalysis</i> , 2019, 2, 864-872.	16.1	218
8	Design and manufacture of functional catalyst-carrier structures for the bioorthogonal activation of anticancer agents. <i>New Journal of Chemistry</i> , 2019, 43, 1449-1458.	1.4	17
9	Purine derivatives with heterocyclic moieties and related analogs as new antitumor agents. <i>Future Medicinal Chemistry</i> , 2019, 11, 83-95.	1.1	6
10	High-Precision Photothermal Ablation Using Biocompatible Palladium Nanoparticles and Laser Scanning Microscopy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3341-3348.	4.0	28
11	Masking Strategies for the Bioorthogonal Release of Anticancer Glycosides. , 2018, , 269-298.		0
12	Pharmaco-genomic investigations of organo-iridium anticancer complexes reveal novel mechanism of action. <i>Metallomics</i> , 2018, 10, 93-107.	1.0	39
13	Frontispiece: Bioorthogonal Uncaging of the Active Metabolite of Irinotecan by Palladium-Functionalized Microdevices. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
14	Bioorthogonal Uncaging of the Active Metabolite of Irinotecan by Palladium-Functionalized Microdevices. <i>Chemistry - A European Journal</i> , 2018, 24, 16783-16790.	1.7	47
15	Bright insights into palladium-triggered local chemotherapy. <i>Chemical Science</i> , 2018, 9, 7354-7361.	3.7	75
16	Innenr¼cktitelbild: Gold-Triggered Uncaging Chemistry in Living Systems (<i>Angew. Chem.</i> 41/2017). <i>Angewandte Chemie</i> , 2017, 129, 12965-12965.	1.6	0
17	Gold-Triggered Uncaging Chemistry in Living Systems. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12548-12552.	7.2	128
18	Choline kinase inhibition and docking studies of a series of 6-(benzylthio)-9H-purin-9-yl-pyridinium derivatives. <i>Medicinal Chemistry Research</i> , 2017, 26, 2809-2815.	1.1	2

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19	Gold-Triggered Uncaging Chemistry in Living Systems. <i>Angewandte Chemie</i> , 2017, 129, 12722-12726.	1.6	30
20	Lysophosphatidylcholine Regulates Sexual Stage Differentiation in the Human Malaria Parasite <i>Plasmodium falciparum</i> . <i>Cell</i> , 2017, 171, 1532-1544.e15.	13.5	259
21	<i>Plasmodium falciparum</i> Choline Kinase Inhibition Leads to a Major Decrease in Phosphatidylethanolamine Causing Parasite Death. <i>Scientific Reports</i> , 2016, 6, 33189.	1.6	39
22	Efficient Palladium-Triggered Release of Vorinostat from a Bioorthogonal Precursor. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9974-9980.	2.9	90
23	NMR spectroscopic characterization of new nonsymmetrical bispyridinium choline kinase inhibitors. <i>Magnetic Resonance in Chemistry</i> , 2014, 52, 470-473.	1.1	0
24	Has Catechol-O-Methyltransferase Genotype (Val158Met) an Influence on Endocrine, Sympathetic Nervous and Humoral Immune Systems in Women With Fibromyalgia Syndrome?. <i>Clinical Journal of Pain</i> , 2014, 30, 199-204.	0.8	11
25	Discovery of a New Binding Site on Human Choline Kinase $\hat{1}$: Design, Synthesis, Crystallographic Studies, and Biological Evaluation of Asymmetrical Bispyridinium Derivatives. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 507-515.	2.9	21
26	In Vitro antiplasmodial and cytotoxic activities of asymmetrical pyridinium derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 289-292.	2.6	10
27	N-alkynyl derivatives of 5-fluorouracil: susceptibility to palladium-mediated dealkylation and toxigenicity in cancer cell culture. <i>Frontiers in Chemistry</i> , 2014, 2, 56.	1.8	22
28	The Mechanism of Allosteric Coupling in Choline Kinase $\hat{1}$ Revealed by the Action of a Rationally Designed Inhibitor. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4582-4586.	7.2	36
29	Antiproliferative Activity, Cell Cycle, and Apoptosis Studies of a Series of 6-Substituted 9-H-Purin-9-yl-pyridinium Derivatives on a Human Cervical Carcinoma Cell Line. <i>ChemMedChem</i> , 2013, 8, 1266-1269.	1.6	7
30	Determination of Potential Scaffolds for Human Choline Kinase $\hat{1}$ by Chemical Deconvolution Studies. <i>ChemBioChem</i> , 2013, 14, 1291-1295.	1.3	15
31	Influence of Gender in the Psychoneuroimmunological Response to Therapeutic Interval Exercise. <i>Biological Research for Nursing</i> , 2012, 14, 357-363.	1.0	7
32	Effects of Indomethacin, Nimesulide, and Diclofenac on Human MG-63 Osteosarcoma Cell Line. <i>Biological Research for Nursing</i> , 2012, 14, 98-107.	1.0	32
33	¹ H and ¹³ C NMR spectral assignments of pyridinium salts linked to a N ⁹ or N ³ adenine moiety. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, 466-469.	1.1	3
34	Design, synthesis, theoretical calculations and biological evaluation of new non-symmetrical choline kinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2012, 50, 154-162.	2.6	27
35	Effect of acetaminophen (paracetamol) on human osteosarcoma cell line MG63. <i>Acta Pharmacologica Sinica</i> , 2010, 31, 1495-1499.	2.8	24