

Rachid Skouta

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

19,102
citations

159585

30
h-index

243625

44
g-index

54
all docs

54
docs citations

54
times ranked

15648
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferroptosis: An Iron-Dependent Form of Nonapoptotic Cell Death. <i>Cell</i> , 2012, 149, 1060-1072.	28.9	9,007
2	Regulation of Ferroptotic Cancer Cell Death by GPX4. <i>Cell</i> , 2014, 156, 317-331.	28.9	4,187
3	Pharmacological inhibition of cystine-glutamate exchange induces endoplasmic reticulum stress and ferroptosis. <i>ELife</i> , 2014, 3, e02523.	6.0	1,296
4	Synchronized renal tubular cell death involves ferroptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16836-16841.	7.1	801
5	Ferrostatis Inhibit Oxidative Lipid Damage and Cell Death in Diverse Disease Models. <i>Journal of the American Chemical Society</i> , 2014, 136, 4551-4556.	13.7	738
6	Global survey of cell death mechanisms reveals metabolic regulation of ferroptosis. <i>Nature Chemical Biology</i> , 2016, 12, 497-503.	8.0	671
7	Gold-catalyzed reactions of C-H bonds. <i>Tetrahedron</i> , 2008, 64, 4917-4938.	1.9	378
8	Probing the conductance superposition law in single-molecule circuits with parallel paths. <i>Nature Nanotechnology</i> , 2012, 7, 663-667.	31.5	302
9	In situ formation of highly conducting covalent Au-C contacts for single-molecule junctions. <i>Nature Nanotechnology</i> , 2011, 6, 353-357.	31.5	235
10	Single-Molecule Conductance through Multiple π -Stacked Benzene Rings Determined with Direct Electrode-to-Benzene Ring Connections. <i>Journal of the American Chemical Society</i> , 2011, 133, 2136-2139.	13.7	176
11	Modulatory profiling identifies mechanisms of small molecule-induced cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E771-80.	7.1	113
12	Gold(I)-Catalyzed Annulation of Salicylaldehydes and Aryl Acetylenes as an Expedient Route to Isoflavanones. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1117-1119.	13.8	84
13	Discovery of Mdm2-MdmX E3 Ligase Inhibitors Using a Cell-Based Ubiquitination Assay. <i>Cancer Discovery</i> , 2011, 1, 312-325.	9.4	82
14	Micrometer-Sized Hexagonal Tubes Self-Assembled by a Cyclic Peptide in a Liquid Crystal. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 349-353.	13.8	73
15	Role of Indole Scaffolds as Pharmacophores in the Development of Anti-Lung Cancer Agents. <i>Molecules</i> , 2020, 25, 1615.	3.8	70
16	Identification of Simple Compounds with Microtubule-Binding Activity That Inhibit Cancer Cell Growth with High Potency. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 35-38.	2.8	67
17	The Neuroprotective Role of Ferrostatin-1 Under Rotenone-Induced Oxidative Stress in Dopaminergic Neuroblastoma Cells. <i>Protein Journal</i> , 2015, 34, 349-358.	1.6	58
18	Selective chemical reactions in supercritical carbon dioxide, water, and ionic liquids. <i>Green Chemistry Letters and Reviews</i> , 2009, 2, 121-156.	4.7	55

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19	Efficient synthesis of chalcone derivatives catalyzed by re-usable hydroxyapatite. <i>Applied Catalysis A: General</i> , 2010, 374, 189-193.	4.3	55
20	Water-Triggered, Counter-Anion-Controlled, and Silver ⁺ -Phosphines Complex-Catalyzed Stereoselective Cascade Alkynylation/Cyclization of Terminal Alkynes with Salicylaldehydes. <i>Journal of Organic Chemistry</i> , 2009, 74, 3378-3383.	3.2	53
21	Efficient Trost's $\hat{3}$ -addition catalyzed by reusable polymer-supported triphenylphosphine in aqueous media. <i>Green Chemistry</i> , 2005, 7, 571.	9.0	45
22	Virucidal and Synergistic Activity of Polyphenol-Rich Extracts of Seaweeds against Measles Virus. <i>Viruses</i> , 2018, 10, 465.	3.3	44
23	Palladium-catalyzed 1,4-addition of terminal alkynes to unsaturated carbonyl compounds promoted by electron-rich ligands. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2969.	2.8	43
24	A ZDHHC5-GOLGA7 Protein Acyltransferase Complex Promotes Nonapoptotic Cell Death. <i>Cell Chemical Biology</i> , 2019, 26, 1716-1724.e9.	5.2	40
25	FDA-Approved Oximes and Their Significance in Medicinal Chemistry. <i>Pharmaceuticals</i> , 2022, 15, 66.	3.8	39
26	The Selenoprotein Glutathione Peroxidase 4: From Molecular Mechanisms to Novel Therapeutic Opportunities. <i>Biomedicines</i> , 2022, 10, 891.	3.2	38
27	The Electrical Properties of Biphenylenes. <i>Organic Letters</i> , 2010, 12, 4114-4117.	4.6	34
28	Rapid syntheses of ($\hat{\pm}$)-pterocarpan and isoflavones via the gold-catalyzed annulation of aldehydes and alkynes. <i>Tetrahedron Letters</i> , 2007, 48, 8343-8346.	1.4	33
29	Efficient Synthesis and Astonishing Supramolecular Architectures of Several Symmetric Macrolactams. <i>Chemistry - A European Journal</i> , 2007, 13, 9223-9235.	3.3	32
30	Design and synthesis of Pictet $\hat{\text{C}}$ -Spengler condensation products that exhibit oncogenic-RAS synthetic lethality and induce non-apoptotic cell death. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5707-5713.	2.2	31
31	Green barley mitigates cytotoxicity in human lymphocytes undergoing aggressive oxidative stress, via activation of both the Lyn/PI3K/Akt and MAPK/ERK pathways. <i>Scientific Reports</i> , 2019, 9, 6005.	3.3	31
32	Dendrimers in solution can have their remote catalytic groups folded back into the core: Enantioselective transaminations by dendritic enzyme mimics-II. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5543-5546.	2.2	24
33	Gold-catalyzed efficient regioselective addition of arenes to allenes. <i>Canadian Journal of Chemistry</i> , 2008, 86, 616-620.	1.1	23
34	High Rates and Substrate Selectivities in Water by Polyvinylimidazoles as Transaminase Enzyme Mimics with Hydrophobically Bound Pyridoxamine Derivatives as Coenzyme Mimics. <i>Journal of the American Chemical Society</i> , 2009, 131, 15604-15605.	18.7	23
35	Assessing the Antioxidant Properties of <i>Larrea tridentata</i> Extract as a Potential Molecular Therapy against Oxidative Stress. <i>Molecules</i> , 2018, 23, 1826.	3.8	22
36	Induction of apoptosis via proteasome inhibition in leukemia/lymphoma cells by two potent piperidones. <i>Cellular Oncology (Dordrecht)</i> , 2018, 41, 623-636.	4.4	22

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37	Larrea tridentata Extract Mitigates Oxidative Stress-Induced Cytotoxicity in Human Neuroblastoma SH-SY5Y Cells. <i>Antioxidants</i> , 2019, 8, 427.	5.1	15
38	ER Protein Processing Under Oxidative Stress: Implications and Prevention. <i>Cell Biochemistry and Biophysics</i> , 2016, 74, 213-220.	1.8	8
39	Neuroprotective effect of antioxidant compounds. <i>Neural Regeneration Research</i> , 2016, 11, 566.	3.0	7
40	Development of Thiophene Compounds as Potent Chemotherapies for the Treatment of Cutaneous Leishmaniasis Caused by <i>Leishmania major</i> . <i>Molecules</i> , 2018, 23, 1626.	3.8	6
41	Novel arylalkylamine compounds exhibits potent selective antiparasitic activity against <i>Leishmania major</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5315-5320.	2.2	5
42	Au(I)-Catalyzed Annulation of 2-Tosylaminobenzaldehyde and Alkynes. <i>Synlett</i> , 2007, 2007, 1759-1762.	1.8	3
43	GOLD-CATALYZED MULTI-COMPONENT REACTIONS. <i>Catalytic Science Series</i> , 2014, , 225-251.	0.0	2
44	The Legacy of Professor Ronald Charles D. Breslow. <i>CheM</i> , 2018, 4, 654-658.	11.7	0
45	What Did We Accomplish in Fighting Radical Species in Human Health?. <i>Antioxidants</i> , 2021, 10, 466.	5.1	0
46	Hepatocyte growth factor receptor (HGFR) as a potential lung cancer target. <i>FASEB Journal</i> , 2018, 32, 531.20.	0.5	0