

Rachid Skouta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8772064/publications.pdf>

Version: 2024-02-01

46
papers

19,102
citations

159358

30
h-index

243296

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. | 13.5 | 9,007 |
| 2 | Regulation of Ferroptotic Cancer Cell Death by GPX4. <i>Cell</i> , 2014, 156, 317-331. | 13.5 | 4,187 |
| 3 | Pharmacological inhibition of cystine-glutamate exchange induces endoplasmic reticulum stress and ferroptosis. <i>ELife</i> , 2014, 3, e02523. | 2.8 | 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. | 3.3 | 801 |
| 5 | Ferrostatins Inhibit Oxidative Lipid Damage and Cell Death in Diverse Disease Models. <i>Journal of the American Chemical Society</i> , 2014, 136, 4551-4556. | 6.6 | 738 |
| 6 | Global survey of cell death mechanisms reveals metabolic regulation of ferroptosis. <i>Nature Chemical Biology</i> , 2016, 12, 497-503. | 3.9 | 671 |
| 7 | Gold-catalyzed reactions of C-H bonds. <i>Tetrahedron</i> , 2008, 64, 4917-4938. | 1.0 | 378 |
| 8 | Probing the conductance superposition law in single-molecule circuits with parallel paths. <i>Nature Nanotechnology</i> , 2012, 7, 663-667. | 15.6 | 302 |
| 9 | In situ formation of highly conducting covalent Au-C contacts for single-molecule junctions. <i>Nature Nanotechnology</i> , 2011, 6, 353-357. | 15.6 | 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. | 6.6 | 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. | 3.3 | 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. | 7.2 | 84 |
| 13 | Discovery of Mdm2-MdmX E3 Ligase Inhibitors Using a Cell-Based Ubiquitination Assay. <i>Cancer Discovery</i> , 2011, 1, 312-325. | 7.7 | 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. | 7.2 | 73 |
| 15 | Role of Indole Scaffolds as Pharmacophores in the Development of Anti-Lung Cancer Agents. <i>Molecules</i> , 2020, 25, 1615. | 1.7 | 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. | 1.3 | 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. | 0.7 | 58 |
| 18 | Selective chemical reactions in supercritical carbon dioxide, water, and ionic liquids. <i>Green Chemistry Letters and Reviews</i> , 2009, 2, 121-156. | 2.1 | 55 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Efficient synthesis of chalcone derivatives catalyzed by re-usable hydroxyapatite. <i>Applied Catalysis A: General</i> , 2010, 374, 189-193. | 2.2 | 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. | 1.7 | 53 |
| 21 | Efficient Trost's $\hat{3}$ -addition catalyzed by reusable polymer-supported triphenylphosphine in aqueous media. <i>Green Chemistry</i> , 2005, 7, 571. | 4.6 | 45 |
| 22 | Virucidal and Synergistic Activity of Polyphenol-Rich Extracts of Seaweeds against Measles Virus. <i>Viruses</i> , 2018, 10, 465. | 1.5 | 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. | 1.5 | 43 |
| 24 | A ZDHHC5-GOLGA7 Protein Acyltransferase Complex Promotes Nonapoptotic Cell Death. <i>Cell Chemical Biology</i> , 2019, 26, 1716-1724.e9. | 2.5 | 40 |
| 25 | FDA-Approved Oximes and Their Significance in Medicinal Chemistry. <i>Pharmaceuticals</i> , 2022, 15, 66. | 1.7 | 39 |
| 26 | The Selenoprotein Glutathione Peroxidase 4: From Molecular Mechanisms to Novel Therapeutic Opportunities. <i>Biomedicines</i> , 2022, 10, 891. | 1.4 | 38 |
| 27 | The Electrical Properties of Biphenylenes. <i>Organic Letters</i> , 2010, 12, 4114-4117. | 2.4 | 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. | 0.7 | 33 |
| 29 | Efficient Synthesis and Astonishing Supramolecular Architectures of Several Symmetric Macrolactams. <i>Chemistry - A European Journal</i> , 2007, 13, 9223-9235. | 1.7 | 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. | 1.0 | 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. | 1.6 | 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. | 1.0 | 24 |
| 33 | Gold-catalyzed efficient regioselective addition of arenes to allenes. <i>Canadian Journal of Chemistry</i> , 2008, 86, 616-620. | 0.6 | 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. | 6.6 | 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. | 1.7 | 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. | 2.1 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Larrea tridentata Extract Mitigates Oxidative Stress-Induced Cytotoxicity in Human Neuroblastoma SH-SY5Y Cells. <i>Antioxidants</i> , 2019, 8, 427. | 2.2 | 15 |
| 38 | ER Protein Processing Under Oxidative Stress: Implications and Prevention. <i>Cell Biochemistry and Biophysics</i> , 2016, 74, 213-220. | 0.9 | 8 |
| 39 | Neuroprotective effect of antioxidant compounds. <i>Neural Regeneration Research</i> , 2016, 11, 566. | 1.6 | 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. | 1.7 | 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. | 1.0 | 5 |
| 42 | Au(I)-Catalyzed Annulation of 2-Tosylaminobenzaldehyde and Alkynes. <i>Synlett</i> , 2007, 2007, 1759-1762. | 1.0 | 3 |
| 43 | GOLD-CATALYZED MULTI-COMPONENT REACTIONS. <i>Catalytic Science Series</i> , 2014, , 225-251. | 0.6 | 2 |
| 44 | The Legacy of Professor Ronald Charles D. Breslow. <i>CheM</i> , 2018, 4, 654-658. | 5.8 | 0 |
| 45 | What Did We Accomplish in Fighting Radical Species in Human Health?. <i>Antioxidants</i> , 2021, 10, 466. | 2.2 | 0 |
| 46 | Hepatocyte growth factor receptor (HGFR) as a potential lung cancer target. <i>FASEB Journal</i> , 2018, 32, 531.20. | 0.2 | 0 |