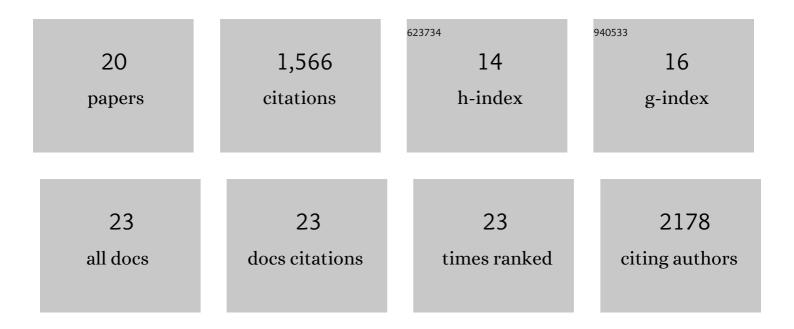
Vinayak Gupta

List of Publications by Year in descending order

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VINAVAR CHIDTA

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Diverse Redoxome Reactivity Profiles of Carbon Nucleophiles. Journal of the American Chemical Society, 2017, 139, 5588-5595. | 13.7 | 104 |
| 2 | Reactivity, Selectivity, and Stability in Sulfenic Acid Detection: A Comparative Study of Nucleophilic and Electrophilic Probes. Bioconjugate Chemistry, 2016, 27, 1411-1418. | 3.6 | 48 |
| 3 | Rational design of reversible and irreversible cysteine sulfenic acid-targeted linear C-nucleophiles. Chemical Communications, 2016, 52, 3414-3417. | 4.1 | 31 |
| 4 | First-in-Class Inhibitors of Sulfur Metabolism with Bactericidal Activity against Non-Replicating <i>M. tuberculosis</i> . ACS Chemical Biology, 2016, 11, 172-184. | 3.4 | 32 |
| 5 | Profiling the reactivity of cyclic C-nucleophiles towards electrophilic sulfur in cysteine sulfenic acid. Chemical Science, 2016, 7, 400-415. | 7.4 | 97 |
| 6 | Global, in situ, site-specific analysis of protein S-sulfenylation. Nature Protocols, 2015, 10, 1022-1037. | 12.0 | 121 |
| 7 | Site-specific mapping and quantification of protein S-sulphenylation in cells. Nature Communications, 2014, 5, 4776. | 12.8 | 208 |
| 8 | Live-cell imaging of Pol II promoter activity to monitor gene expression with RNA IMAGEtag reporters. Nucleic Acids Research, 2014, 42, e90-e90. | 14.5 | 39 |
| 9 | Sulfenic acid chemistry, detection and cellular lifetime. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 847-875. | 2.4 | 335 |
| 10 | Proteomic analysis of peptides tagged with dimedone and related probes. Journal of Mass Spectrometry, 2014, 49, 257-265. | 1.6 | 28 |
| 11 | lmaging promoter activity to monitor gene expression using Intracellular Multiaptamer Genetic tag (IMAGEtag). FASEB Journal, 2013, 27, 576.3. | 0.5 | 0 |
| 12 | New Approach to Flavonols via Base-Mediated Cyclization: Total Synthesis of 3,5,6,7-Tetramethoxyflavone. Synlett, 2012, 23, 385-388. | 1.8 | 6 |
| 13 | Peroxide-dependent sulfenylation of the EGFR catalytic site enhances kinase activity. Nature Chemical Biology, 2012, 8, 57-64. | 8.0 | 390 |
| 14 | Realâ€ŧime Imaging of Transcriptional Elongation. FASEB Journal, 2011, 25, . | 0.5 | 0 |
| 15 | New effective inhibitors of the Abelson kinase. Bioorganic and Medicinal Chemistry, 2010, 18, 6316-6321. | 3.0 | 10 |
| 16 | Divergent Approach to Flavones and Aurones via Dihaloacrylic Acids. Unexpected Dependence on the Halogen Atom. Organic Letters, 2010, 12, 5278-5280. | 4.6 | 29 |
| 17 | IMAGEtag (Intracellular MultiAptamer Genetic tag) for Realâ€ŧime Imaging of Gene Promoter Activity. FASEB Journal, 2010, 24, 903.2. | 0.5 | 0 |
| 18 | A new synthetic strategy for the synthesis of bioactive stilbene dimers. A direct synthesis of amurensin H. Tetrahedron Letters, 2009, 50, 7180-7183. | 1.4 | 40 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A direct synthesis of 5,6-dihydroindolo[2,1-a]isoquinolines that exhibit immunosuppressive activity. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5539-5542. | 2.2 | 48 |
| 20 | IMAGEtags for imaging gene expression in living cells in realâ€ŧime. FASEB Journal, 2009, 23, 517.2. | 0.5 | 0 |