

# Seungyoon Kang

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

209  
citations

1040056

9  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

335  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Development of Human Serum Albumin Selective Fluorescent Probe Using Thieno[3,2-b]pyridine-5(4H)-one Fluorophore Derivatives. <i>Sensors</i> , 2019, 19, 5298.  | 3.8  | 31        |
| 2  | Enantioselective Alkynylation of Trifluoromethyl Ketones Catalyzed by Cation- $\pi$ Binding Salen Nickel Complexes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 775-779.   | 13.8 | 26        |
| 3  | A hydrazone-based turn-on fluorescent probe for peroxynitrite detection and live-cell imaging. <i>Dyes and Pigments</i> , 2019, 171, 107762.  | 3.7  | 23        |
| 4  | A direct assay of butyrylcholinesterase activity using a fluorescent substrate. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8815-8820.  | 2.8  | 22        |
| 5  | A colorimetric sensor for hydrogen sulfide detection using direct inhibition of active site in G-quadruplex DNAzyme. <i>Dyes and Pigments</i> , 2017, 139, 187-192.   | 3.7  | 21        |
| 6  | An $[Mn^{2+}(bpmp)]^{3+}$ complex as an artificial peroxidase and its applications in colorimetric pyrophosphate sensing and cascade-type pyrophosphatase assay. <i>Analyst, The</i> , 2018, 143, 1780-1785.  | 3.5  | 14        |
| 7  | A colorimetric and fluorescent chemosensor for detection of $Hg^{2+}$ using counterion exchange of cationic polydiacetylene. <i>Tetrahedron Letters</i> , 2017, 58, 4340-4343.  | 1.4  | 13        |
| 8  | A simple turn-on fluorescent chemosensor for $CO_2$ based on aggregation-induced emission: Application as a $CO_2$ absorbent screening method. <i>Dyes and Pigments</i> , 2019, 162, 978-983.   | 3.7  | 13        |
| 9  | Intra-molecular hydrogen bonding stabilization based-fluorescent chemosensor for $CO_2$ : Application to screen relative activities of $CO_2$ absorbents. <i>Dyes and Pigments</i> , 2015, 123, 125-131.  | 3.7  | 10        |
| 10 | A colorimetric chemosensor for heptanal with selectivity over formaldehyde and acetaldehyde through synergistic interaction of hydrophobic interactions and oxime formation. <i>Analyst, The</i> , 2018, 143, 4592-4599.                                | 3.5  | 8         |
| 11 | Di-thioether amide-Pd $^{2+}$ complex based-methionine fluorescent chemosensor with selectivity over cysteine and histidine. <i>Dyes and Pigments</i> , 2017, 144, 69-75.   | 3.7  | 7         |
| 12 | Colorimetric discrimination of nucleoside phosphates based on catalytic signal amplification strategy and its application to related enzyme assays. <i>Analyst, The</i> , 2021, 146, 463-470.   | 3.5  | 6         |
| 13 | Colorimetric assay for $\beta$ -lactamase activity using cocktail of penicillin and 4-(2-pyridylazo)resorcinol (PAR)- $Hg^{2+}$ complex. <i>Dyes and Pigments</i> , 2017, 137, 518-522.   | 3.7  | 5         |
| 14 | Thioether Amide Based-Fluorescent Chemosensors for Pd $^{2+}$ with High Selectivity over Pd $^0$ . <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 2189-2192.  | 1.9  | 4         |
| 15 | A Ligand Exchange-based Fluorogenic Assay for Cartap Using Cu $^{2+}$ -calcein Blue Complex. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 3642-3644.  | 1.9  | 3         |
| 16 | Development of a highly sensitive colorimetric thymidine triphosphate chemosensor using gold nanoparticles and the p-xylyl-bis( $Hg^{2+}$ -cyclen) complex: improved selectivity by metal ion tuning. <i>Tetrahedron Letters</i> , 2016, 57, 4484-4487. | 1.4  | 2         |
| 17 | Enantioselective Alkynylation of Trifluoromethyl Ketones Catalyzed by Cation- $\pi$ Binding Salen Nickel Complexes. <i>Angewandte Chemie</i> , 2020, 132, 785-789.  | 2.0  | 1         |