

# Seung-Cheol Chang

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

463  
citations

686830

13  
h-index

713013

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Di-n-butyl phthalate disrupts neuron maturation in primary rat embryo neurons and male C57BL/6 mice. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2022, 85, 56-70.	1.1	3
2	Anti-Inflammatory Effect of IKK-Activated GSK-3 <sup>Î²</sup> Inhibitory Peptide Prevented Nigrostriatal Neurodegeneration in the Rodent Model of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 998.	1.8	5
3	Screen-printed carbon electrode modified with de-bundled single-walled carbon nanotubes for voltammetric determination of norepinephrine in ex vivo rat tissue. <i>Bioelectrochemistry</i> , 2022, 146, 108155.	2.4	13
4	Neuroprotective and Anti-Inflammatory Effects of Evernic Acid in an MPTP-Induced Parkinson's Disease Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2098.	1.8	19
5	A simple one-step electrochemical deposition of bioinspired nanocomposite for the non-enzymatic detection of dopamine. <i>Journal of Analytical Science and Technology</i> , 2021, 12, .	1.0	18
6	Polymer-dispersed reduced graphene oxide nanosheets and Prussian blue modified biosensor for amperometric detection of sarcosine. <i>Analytica Chimica Acta</i> , 2021, 1175, 338749.	2.6	25
7	In situ synthesis of copper-ruthenium bimetallic nanoparticles on laser-induced graphene as a peroxidase mimic. <i>Chemical Communications</i> , 2021, 57, 1947-1950.	2.2	9
8	Disposable Voltammetric Sensor Modified with Block Copolymer-Dispersed Graphene for Simultaneous Determination of Dopamine and Ascorbic Acid in Ex Vivo Mouse Brain Tissue. <i>Biosensors</i> , 2021, 11, 368.	2.3	9
9	Robust Nanozyme-Enzyme Nanosheets-Based Lactate Biosensor for Diagnosing Bacterial Infection in Olive Flounder ( <i>Paralichthys olivaceus</i> ). <i>Biosensors</i> , 2021, 11, 439.	2.3	5
10	Anti-Inflammatory Effects of the Novel Barbiturate Derivative MHY2699 in an MPTP-Induced Mouse Model of Parkinson's Disease. <i>Antioxidants</i> , 2021, 10, 1855.	2.2	5
11	Reagentless Amperometric Pyruvate Biosensor Based on a Prussian Blue- and Enzyme Nanoparticle-Modified Screen-Printed Carbon Electrode. <i>ACS Omega</i> , 2020, 5, 30123-30129.	1.6	16
12	Cost-Effective Electrochemical Activation of Graphitic Carbon Nitride on the Glassy Carbon Electrode Surface for Selective Determination of Serotonin. <i>Sensors</i> , 2020, 20, 6083.	2.1	9
13	Significant roles of neuroinflammation in Parkinson's disease: therapeutic targets for PD prevention. <i>Archives of Pharmacal Research</i> , 2019, 42, 416-425.	2.7	107
14	Neuroprotective effects of MHY908, a PPAR $\alpha/\beta$ dual agonist, in a MPTP-induced Parkinson's disease model. <i>Brain Research</i> , 2019, 1704, 47-58.	1.1	25
15	Learning, memory deficits, and impaired neuronal maturation attributed to acrylamide. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 254-265.	1.1	20
16	De-bundled single-walled carbon nanotube-modified sensors for simultaneous differential pulse voltammetric determination of ascorbic acid, dopamine, and uric acid. <i>New Journal of Chemistry</i> , 2018, 42, 2432-2438.	1.4	26
17	A Metal-Free, Non-Enzymatic Electrochemical Glucose Sensor with a de-Bundled Single-Walled Carbon Nanotube-Modified Electrode. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 141-145.	1.0	8
18	One-step construction of a molybdenum disulfide/multi-walled carbon nanotubes/polypyrrole nanocomposite biosensor for the ex-vivo detection of dopamine in mouse brain tissue. <i>Biochemical and Biophysical Research Communications</i> , 2017, 494, 181-187.	1.0	32

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19	Electrochemical reactive oxygen species detection by cytochrome <i>c</i> immobilized with vertically aligned and electrochemically reduced graphene oxide on a glassy carbon electrode. <i>Analyst</i> , The, 2017, 142, 4544-4552.	1.7	14
20	An electrochemical sensor array system for the direct, simultaneous in vitro monitoring of nitric oxide and superoxide production by cultured cells. <i>Biosensors and Bioelectronics</i> , 2005, 21, 917-922.	5.3	66
21	Simultaneous intra- and extracellular superoxide monitoring using an integrated optical and electrochemical sensor system. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 979-984.	1.0	29