

# Jongho Jeon

## List of Publications by Year in descending order

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43  
papers

1,029  
citations

430874

18  
h-index

434195

31  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1557  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on biological distribution of polyhexamethylene guanidine (PHMG), a toxic household chemical, using radiolabeling and molecular imaging tools. <i>Environmental Engineering Research</i> , 2022, 27, 210393-0.	2.5	2
2	Removal of Hexavalent Chromium(VI) from Wastewater Using Chitosan-Coated Iron Oxide Nanocomposite Membranes. <i>Toxics</i> , 2022, 10, 98.	3.7	24
3	Rapid and Efficient Removal of Anionic Dye in Water Using a Chitosan-Coated Iron Oxide-Immobilized Polyvinylidene Fluoride Membrane. <i>ACS Omega</i> , 2022, 7, 8759-8766.	3.5	17
4	Removal of Radioactive Iodine Using Silver/Iron Oxide Composite Nanoadsorbents. <i>Nanomaterials</i> , 2021, 11, 588.	4.1	19
5	Synthesis and evaluation of curcumin-based near-infrared fluorescent probes for the in vivo optical imaging of amyloid- $\beta^2$ plaques. <i>Bioorganic Chemistry</i> , 2021, 115, 105167.	4.1	17
6	Recent Progress in Technetium-99m-Labeled Nanoparticles for Molecular Imaging and Cancer Therapy. <i>Nanomaterials</i> , 2021, 11, 3022.	4.1	19
7	Radioanalytical Techniques to Quantitatively Assess the Biological Uptake and In Vivo Behavior of Hazardous Substances. <i>Molecules</i> , 2020, 25, 3985.	3.8	7
8	A functionalized nanocomposite adsorbent for the sequential removal of radioactive iodine and cobalt ions in aqueous media. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 2209-2215.	2.7	7
9	Development of a Squaraine-Based Molecular Probe for Dual-Modal <i>in Vivo</i> Fluorescence and Photoacoustic Imaging. <i>Bioconjugate Chemistry</i> , 2020, 31, 2607-2617.	3.6	11
10	Activatable red emitting fluorescent probe for rapid and sensitive detection of intracellular peroxynitrite. <i>Talanta</i> , 2020, 217, 121053.	5.5	19
11	Continuous Flow Removal of Anionic Dyes in Water by Chitosan-Functionalized Iron Oxide Nanoparticles Incorporated in a Dextran Gel Column. <i>Nanomaterials</i> , 2019, 9, 1164.	4.1	19
12	Recent Advances in Bioorthogonal Click Chemistry for Efficient Synthesis of Radiotracers and Radiopharmaceuticals. <i>Molecules</i> , 2019, 24, 3567.	3.8	44
13	Efficient and stable radiolabeling of polycyclic aromatic hydrocarbon assemblies: in vivo imaging of diesel exhaust particulates in mice. <i>Chemical Communications</i> , 2019, 55, 447-450.	4.1	16
14	Review of Therapeutic Applications of Radiolabeled Functional Nanomaterials. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2323.	4.1	61
15	Synthesis, structural characterization and MMA polymerization studies of dimeric 5-coordinate copper(II), cadmium(II), and monomeric 4-coordinate zinc(II) complexes supported by N-methyl-N-((pyridine-2-yl)methyl)benzeneamine. <i>Inorganica Chimica Acta</i> , 2019, 487, 221-227.	2.4	7
16	Effect of Particulate Matter on Human Health, Prevention, and Imaging Using PET or SPECT. <i>Progress in Medical Physics</i> , 2018, 29, 81.	0.3	13
17	Silver Nanomaterial-Immobilized Desalination Systems for Efficient Removal of Radioactive Iodine Species in Water. <i>Nanomaterials</i> , 2018, 8, 660.	4.1	34
18	Technetium-99m-based simple and convenient radiolabeling of <i>Escherichia coli</i> for in vivo tracking of microorganisms. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 997-1003.	1.5	4

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19	Quantification of inhaled aerosol particles composed of toxic household disinfectant using radioanalytical method. <i>Chemosphere</i> , 2018, 207, 649-654.	8.2	32
20	An Efficient Method for Selective Desalination of Radioactive Iodine Anions by Using Gold Nanoparticles-Embedded Membrane Filter. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	1
21	Development of a new thiol-reactive prosthetic group for site-specific labeling of biomolecules with radioactive iodine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2875-2878.	2.2	6
22	Radiosynthesis and preliminary biological evaluation of <sup>99m</sup> Tc-labeled 2-methyl-2-pentylmalonic acid as an apoptosis imaging agent. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 313, 207-215.	1.5	1
23	Efficient bioremediation of radioactive iodine using biogenic gold nanomaterial-containing radiation-resistant bacterium, <i>Deinococcus radiodurans</i> R1. <i>Chemical Communications</i> , 2017, 53, 3937-3940.	4.1	48
24	Efficient and selective removal of radioactive iodine anions using engineered nanocomposite membranes. <i>Environmental Science: Nano</i> , 2017, 4, 2157-2163.	4.3	37
25	Physiological Effects of Ac4ManNAz and Optimization of Metabolic Labeling for Cell Tracking. <i>Theranostics</i> , 2017, 7, 1164-1176.	10.0	23
26	Highly efficient method for <sup>125</sup> I-radiolabeling of biomolecules using inverse-electron-demand Diels-Alder reaction. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2589-2594.	3.0	19
27	Gold-Nanoparticle-Immobilized Desalting Columns for Highly Efficient and Specific Removal of Radioactive Iodine in Aqueous Media. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 29227-29231.	8.0	24
28	An Optimized Protocol for the Efficient Radiolabeling of Gold Nanoparticles by Using a <sup>125</sup> I-labeled Azide Prosthetic Group. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	4
29	Radiosynthesis and in vivo evaluation of [ <sup>125</sup> I]2-(4-iodophenethyl)-2-methylmalonic acid as a potential radiotracer for detection of apoptosis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 23-29.	1.5	8
30	Radioprotective effect of hesperetin against <sup>137</sup> Ir-irradiation-induced DNA damage and immune dysfunction in murine splenocytes. <i>Food Science and Biotechnology</i> , 2016, 25, 163-168.	2.6	8
31	Efficient radiolabeling of rutin with <sup>125</sup> I and biodistribution study of radiolabeled rutin. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 477-483.	1.5	15
32	Synthesis and evaluation of an <sup>125</sup> I-labeled azide prosthetic group for efficient and bioorthogonal radiolabeling of cyclooctyne-group containing molecules using copper-free click reaction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 875-878.	2.2	12
33	Critical analysis of radioiodination techniques for micro and macro organic molecules. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 309, 859.	1.5	21
34	Discovery of boronic acid-based fluorescent probes targeting amyloid-beta plaques in Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1784-1788.	2.2	12
35	Efficient method for iodine radioisotope labeling of cyclooctyne-containing molecules using strain-promoted copper-free click reaction. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3303-3308.	3.0	27
36	Simple and efficient radiolabeling of hyaluronic acid and its in vivo evaluation via oral administration. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 305, 139-145.	1.5	7

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37	Radiosynthesis of <sup>123</sup> I-labeled hesperetin for biodistribution study of orally administered hesperetin. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 306, 437-443.	1.5	13
38	Preclinical Kinetic Analysis of the Caspase-3/7 PET Tracer <sup>18</sup> F-C-SNAT: Quantifying the Changes in Blood Flow and Tumor Retention After Chemotherapy. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1415-1421.	5.0	47
39	Comparison of Two Site-Specifically <sup>18</sup> F-Labeled Affibodies for PET Imaging of EGFR Positive Tumors. <i>Molecular Pharmaceutics</i> , 2014, 11, 3947-3956.	4.6	54
40	Innenteilbild: Positron Emission Tomography Imaging of Drug-Induced Tumor Apoptosis with a Caspase-Triggered Nanoaggregation Probe ( <i>Angew. Chem.</i> 40/2013). <i>Angewandte Chemie</i> , 2013, 125, 10584-10584.	2.0	0
41	Efficient Method for Site-Specific <sup>18</sup> F-Labeling of Biomolecules Using the Rapid Condensation Reaction between 2-Cyanobenzothiazole and Cysteine. <i>Bioconjugate Chemistry</i> , 2012, 23, 1902-1908.	3.6	63
42	A strategy to enhance the binding affinity of fluorophore-aptamer pairs for RNA tagging with neomycin conjugation. <i>Chemical Communications</i> , 2012, 48, 10034.	4.1	15
43	Tumor Targeting and Imaging Using Cyclic RGD-PEGylated Gold Nanoparticle Probes with Directly Conjugated Iodine- <sup>125</sup> . <i>Small</i> , 2011, 7, 2052-2060.	10.0	173