Eric W Price

List of Publications by Year
in descending order

24 papers	1,557 citations	516710 16 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	1825 citing authors

#	Article	IF	Citations
1	Matching chelators to radiometals for radiopharmaceuticals. Chemical Society Reviews, 2014, 43, 260-290.	38.1	720
2	Acyclic Chelate with Ideal Properties for ^{68}Ga PET Imaging Agent Elaboration. Journal of the American Chemical Society, 2010, 132, 15726-15733.	13.7	129
3	H$_4$octapa: An Acyclic Chelator for ^{111}In Radiopharmaceuticals. Journal of the American Chemical Society, 2012, 134, 8670-8683.	13.7	101
4	H$_4$octapa-Trastuzumab: Versatile Acyclic Chelate System for ^{111}In and ^{177}Lu Imaging and Therapy. Journal of the American Chemical Society, 2013, 135, 12707-12721.	13.7	82
5	RGD conjugates of the H2dedpa scaffold: synthesis, labeling and imaging with 68Ga. Nuclear Medicine and Biology, 2012, 39, 785-794.	0.6	70
6	H6phospa-trastuzumab: bifunctional methylenephosphonate-based chelator with89Zr,111In and177Lu. Dalton Transactions, 2014, 43, 119-131.	3.3	57
7	H$_2$azapa: a Versatile Acyclic Multifunctional Chelator for ^{67}Ga, ^{64}Cu, ^{111}In, and ^{177}Lu. Inorganic Chemistry, 2012, 51, 12575-12589.	4.0	52
8	Block Copolymer Strands with Internal Microphase Separation Structure via Self-Assembly at the Airâ^'Water Interface. Langmuir, 2009, 25, 6398-6406.	3.5	39
9	What a Difference a Carbon Makes: H$_4$octapa vs H$_4$C3octapa, Ligands for In-111 and Lu-177 Radiochemistry. Inorganic Chemistry, 2014, 53, 10412-10431.	4.0	38
10	Modular syntheses of H4octapa and H2dedpa, and yttrium coordination chemistry relevant to86Y/90Y radiopharmaceuticals. Dalton Transactions, 2014, 43, 7176-7190.	3.3	35
11	^{89}Zr-DFO-AMG102 Immuno-PET to Determine Local Hepatocyte Growth Factor Protein Levels in Tumors for Enhanced Patient Selection. Journal of Nuclear Medicine, 2017, 58, 1386-1394.	5.0	33
12	A Systematic Evaluation of Antibody Modification and ^{89}Zr-Radiolabeling for Optimized Immuno-PET. Bioconjugate Chemistry, 2021, 32, 1177-1191.	3.6	26
13	A comparative evaluation of the chelators H 4 octapa and CHX-Aâ€³-DTPA with the therapeutic radiometal 90 Y. Nuclear Medicine and Biology, 2016, 43, 566-576.	0.6	25
14	Molecular Imaging of Hydrolytic Enzymes Using PET and SPECT. Molecular Imaging, 2017, 16, 153601211771785.	1.4	24
15	Tumor-Specific Zr-89 Immuno-PET Imaging in a Human Bladder Cancer Model. Molecular Imaging and Biology, 2018, 20, 808-815.	2.6	22
16	Strands, Networks, and Continents from Polystyrene Dewetting at the Airâ^'Water Interface: Implications for Amphiphilic Block Copolymer Self-Assembly. Langmuir, 2011, 27, 1364-1372.	3.5	20
17	A High-Denticity Chelator Based on Desferrioxamine for Enhanced Coordination of Zirconium-89. Inorganic Chemistry, 2020, 59, 11715-11727.	4.0	20
18	DiPODS: A Reagent for Site-Specific Bioconjugation via the Irreversible Rebridging of Disulfide Linkages. Bioconjugate Chemistry, 2020, 31, 2789-2806.	3.6	14

#	Article	IF	Citations
19	Structural Characterization of the Solution Chemistry of Zirconium(IV) Desferrioxamine: A Coordination Sphere Completed by Hydroxides. Inorganic Chemistry, 2020, 59, 17443-17452.	4.0	13
20	Ultrasonic-Assisted Solid-Phase Peptide Synthesis of DOTA-TATE and DOTA-<i>linker</i>-TATE Derivatives as a Simple and Low-Cost Method for the Facile Synthesis of Chelatorâ€"Peptide Conjugates. Bioconjugate Chemistry, 2021, 32, 1204-1213.	3.6	11
21	Application of X-ray photoelectron spectroscopy to examine surface chemistry of cancellous bone and medullary contents to refine bone sample selection for nuclear DNA analysis. Journal of Analytical Atomic Spectrometry, 2019, 34, 2074-2082.	3.0	9
22	89Zr-Labeled AR20.5: A MUC1-Targeting ImmunoPET Probe. Molecules, 2020, 25, 2315.	3.8	6
23	High-denticity ligands based on picolinic acid for 111In radiochemistry. Canadian Journal of Chemistry, 2014, 92, 695-705.	1.1	4
24	Computational Prediction of Chemical Tools for Identification and Validation of Synthetic Lethal Interaction Networks. Methods in Molecular Biology, 2021, 2381, 333-358.	0.9	0