

# Carl A Wesolowski

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,216  
citations

1039406

9  
h-index

676716

22  
g-index

29  
all docs

29  
docs citations

29  
times ranked

905  
citing authors

#	ARTICLE	IF	CITATIONS
1	Results of a randomized phase-III trial to evaluate the efficacy of strontium-89 adjuvant to local field external beam irradiation in the management of endocrine resistant metastatic prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 1993, 25, 805-813.	0.4	507
2	Effect of carbamazepine and valproate on bone mineral density. <i>Journal of Pediatrics</i> , 1995, 127, 256-262.	0.9	294
3	Predicting Glomerular Function from Adjusted Serum Creatinine. <i>Nephron</i> , 1992, 62, 249-256.	0.9	251
4	Improved lesion detection from spatially adaptive, minimally complex, Pixon <sup>®</sup> reconstruction of planar scintigraphic images. <i>Computerized Medical Imaging and Graphics</i> , 2005, 29, 65-81.	3.5	23
5	Development of a modified sampling and calculation method for isotope plasma clearance assessment of the glomerular filtration rate in patients with cirrhosis and ascites. <i>Nuclear Medicine Communications</i> , 2013, 34, 1124-1132.	0.5	17
6	Tikhonov adaptively regularized gamma variate fitting to assess plasma clearance of inert renal markers. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2010, 37, 435-474.	0.8	14
7	Time Varying Apparent Volume of Distribution and Drug Half-Lives Following Intravenous Bolus Injections. <i>PLoS ONE</i> , 2016, 11, e0158798.	1.1	13
8	Validation of Tikhonov adaptively regularized gamma variate fitting with 24-h plasma clearance in cirrhotic patients with ascites. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 2247-2256.	3.3	12
9	A simple method for determining split renal function from dynamic <sup>99m</sup> Tc-MAG3 scintigraphic data. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 550-558.	3.3	12
10	Metformin disposition—A 40-year-old mystery. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 1452-1453.	1.1	11
11	Accurate and precise plasma clearance measurement using four <sup>99m</sup> Tc-DTPA plasma samples over 4%h. <i>Nuclear Medicine Communications</i> , 2016, 37, 79-86.	0.5	9
12	Differing antibacterial and antibiofilm properties of <i>Polypodium vulgare</i> L. Rhizome aqueous extract and one of its purified active ingredients—osladin. <i>Journal of Herbal Medicine</i> , 2019, 17-18, 100261.	1.0	8
13	A direct modeling approach to the early renal vascular transit of <sup>99m</sup> Tc chelates. <i>Medical Physics</i> , 1987, 14, 1032-1041.	1.6	7
14	The early plasma concentration of <sup>51</sup> Cr-EDTA in patients with cirrhosis and ascites. <i>Nuclear Medicine Communications</i> , 2015, 36, 392-397.	0.5	7
15	Comparison of the gamma-Pareto convolution with conventional methods of characterising metformin pharmacokinetics in dogs. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2020, 47, 19-45.	0.8	6
16	Avoidance of Errors Related to Renal Depth During Radionuclide Evaluation of Renal Perfusion. <i>Clinical Nuclear Medicine</i> , 1988, 13, 721-726.	0.7	5
17	A gamma-distribution convolution model of <sup>99m</sup> Tc-MIBI thyroid time-activity curves. <i>EJNMMI Physics</i> , 2016, 3, 31.	1.3	4
18	Ex Vivo Evaluation of a Novel Polyiodinated Compound for Early Detection of Atherosclerosis. <i>Radiation Research</i> , 2003, 160, 460-466.	0.7	3

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19	An improved method for determining renal sufficiency using volume of distribution and weight from bolus <sup>99m</sup> Tc-DTPA, two blood sample, paediatric data. Nuclear Medicine Communications, 2006, 27, 963-970.	0.5	3
20	X-Ray Dosimetry During Low-Intensity Femtosecond Laser Ablation of Molybdenum in Ambient Conditions. IEEE Transactions on Nuclear Science, 2017, 64, 2519-2522.	1.2	3
21	Synthesis and Properties of Erbium Oxide Single Crystals. Ceramic Engineering and Science Proceedings, 0, , 2-10.	0.1	3
22	A Power Law for Determining Renal Sufficiency Using Volume of Distribution and Weight from Bolus <sup>99m</sup> Tc-DTPA, Two Blood Sample, Pediatric Data. , 2006, , .		2
23	Comment on: "The pharmacokinetics of metformin in patients receiving intermittent haemodialysis" by Sinnappah et al.. British Journal of Clinical Pharmacology, 2021, 87, 3370-3371.	1.1	1
24	Renal Uptake of <sup>111</sup> In-201 in Hypertensive Patients Undergoing Myocardial Perfusion Imaging. Clinical Nuclear Medicine, 1990, 15, 88-94.	0.7	0
25	THE ROLE OF RADIONUCLIDE MYELOGRAPHY IN THE EVALUATION OF SPINAL CORD METASTASES. Clinical Nuclear Medicine, 1991, 16, 797.	0.7	0
26	Comparison of <sup>111</sup> In-201 Renal Uptake with Tc-99m DTPA Angiorenography in Patients with Hypertension Measures of Renal Asymmetry. Clinical Nuclear Medicine, 1992, 17, 463-468.	0.7	0
27	Tikhonov gamma variate adaptive regularization applied to technetium Tc <sup>99m</sup> diethylenetriamine pentaacetic acid plasma clearance, compared with three other methods, for measuring glomerular filtration rate in cats. American Journal of Veterinary Research, 2019, 80, 416-424.	0.3	0
28	A series acceleration algorithm for the gamma-Pareto (type I) convolution and related functions of interest for pharmacokinetics. Journal of Pharmacokinetics and Pharmacodynamics, 2021, , 1.	0.8	0