

Johnathan W Engle

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131
papers

3,625
citations

30
h-index

55
g-index

139
ext. papers

4,464
ext. citations

7.3
avg, IF

5.32
L-index

#	Paper	IF	Citations
131	Open-shell Nanosensitizers for Glutathione Responsive Cancer Sonodynamic Therapy.. <i>Advanced Materials</i> , 2022 , e2110283	24	8
130	Excitation function of $^{54}\text{Fe}(p,n)^{54}\text{Mn}$ from 9.5 MeV to 18 MeV. <i>Nuclear Physics A</i> , 2022 , 1021, 122424	1.3	1
129	Intermetallic cobalt-gallium targets for production of germanium radioisotopes. <i>Applied Radiation and Isotopes</i> , 2022 , 110307	1.7	
128	ImmunoPET of the differential expression of CD146 in breast cancer. <i>American Journal of Cancer Research</i> , 2021 , 11, 1586-1599	4.4	
127	Intracellular signaling pathway in dendritic cells and antigen transport pathway in vivo mediated by an OVA@DDAB/PLGA nano-vaccine. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 394	9.4	2
126	A Review of Accelerator-Produced Ga-68 with Solid Targets. <i>Current Radiopharmaceuticals</i> , 2021 , 14, 315-324	1.8	4
125	A Third Generation Potentially Bifunctional Trithiol Chelate, Its Sb(III) Complex, and Selective Chelation of Radioantimony (Sb) from Its Sn Target. <i>Inorganic Chemistry</i> , 2021 , 60, 15223-15232	5.1	1
124	Cyclotron-Produced La as a PET Imaging Surrogate for Therapeutic Ac. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 1012-1015	8.9	6
123	Proton-induced reactions on Fe, Cu, and Ti from threshold to 55 MeV. <i>European Physical Journal A</i> , 2021 , 57, 1	2.5	2
122	Antioxidant and C5a-blocking strategy for hepatic ischemia-reperfusion injury repair. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 107	9.4	1
121	Low-Dose Radiation Potentiates the Propagation of Anti-Tumor Immunity against Melanoma Tumor in the Brain after In Situ Vaccination at a Tumor outside the Brain. <i>Radiation Research</i> , 2021 , 195, 522-540	3.1	1
120	Characterization of actinide resin for separation of Mn from bulk target material. <i>Nuclear Medicine and Biology</i> , 2021 , 96-97, 19-26	2.1	0
119	Py-Macrodipa: A Janus Chelator Capable of Binding Medicinally Relevant Rare-Earth Radiometals of Disparate Sizes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10429-10440	16.4	6
118	Production, Purification, and Applications of a Potential Theranostic Pair: Cobalt-55 and Cobalt-58m. <i>Diagnostics</i> , 2021 , 11,	3.8	1
117	Low-dose targeted radionuclide therapy renders immunologically cold tumors responsive to immune checkpoint blockade. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	14
116	Engineering biocompatible TeSe nano-alloys as a versatile theranostic nanoplatform. <i>National Science Review</i> , 2021 , 8,	10.8	4
115	Developing the Ce and La pair as companion positron emission tomography diagnostic isotopes for Ac and Th radiotherapeutics. <i>Nature Chemistry</i> , 2021 , 13, 284-289	17.6	7

114	Labeling of Erythrocytes by Porphyrin-Phospholipid. <i>Advanced NanoBiomed Research</i> , 2021 , 1, 2000013	0	1
113	Noninvasive Evaluation of CD20 Expression Using Cu-Labeled F(ab) ₂ Fragments of Obinutuzumab in Lymphoma. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 372-378	8.9	4
112	Metal ion size profoundly affects Hglyox chelate chemistry.. <i>RSC Advances</i> , 2021 , 11, 15663-15674	3.7	1
111	Temporal analysis of type 1 interferon activation in tumor cells following external beam radiotherapy or targeted radionuclide therapy. <i>Theranostics</i> , 2021 , 11, 6120-6137	12.1	10
110	Meitner-Auger Electron Emitters for Targeted Radionuclide Therapy: Mercury-197m/g and Antimony-119. <i>Current Radiopharmaceuticals</i> , 2021 , 14, 394-419	1.8	2
109	Accelerator Production of Scandium Radioisotopes: Sc-43, Sc-44, and Sc-47. <i>Current Radiopharmaceuticals</i> , 2021 , 14, 359-373	1.8	0
108	ImmunoPET of CD146 in Orthotopic and Metastatic Breast Cancer Models. <i>Bioconjugate Chemistry</i> , 2021 , 32, 1306-1314	6.3	4
107	ImmunoPET/NIRF/Cerenkov multimodality imaging of ICAM-1 in pancreatic ductal adenocarcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2737-2748	8.8	3
106	Safety and feasibility of an in situ vaccination and immunomodulatory targeted radionuclide combination immuno-radiotherapy approach in a comparative (companion dog) setting. <i>PLoS ONE</i> , 2021 , 16, e0255798	3.7	1
105	Alternative strategies for the synthesis of [C]ER176 for PET imaging of neuroinflammation. <i>Applied Radiation and Isotopes</i> , 2021 , 178, 109954	1.7	0
104	ImmunoPET of trophoblast cell-surface antigen 2 (Trop-2) expression in pancreatic cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 1	8.8	2
103	A heavy-ion production channel of Tb via Cu bombardment of Y. <i>Applied Radiation and Isotopes</i> , 2021 , 178, 109935	1.7	2
102	Tissue Factor-Targeted ImmunoPET Imaging and Radioimmunotherapy of Anaplastic Thyroid Cancer. <i>Advanced Science</i> , 2020 , 7, 1903595	13.6	8
101	Y-Labeled Monoclonal Antibody Targeting Tissue Factor for Pancreatic Cancer Theranostics. <i>Molecular Pharmaceutics</i> , 2020 , 17, 1697-1705	5.6	12
100	Amyloid duration is associated with preclinical cognitive decline and tau PET. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12007	5.2	23
99	Frontispiece: Chirality-Driven Transportation and Oxidation Prevention by Chiral Selenium Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020 , 59,	16.4	1
98	[Sc(pyppa)]: Thermodynamic Stability, Radiolabeling, and Biodistribution of a Prostate-Specific-Membrane-Antigen-Targeting Conjugate. <i>Inorganic Chemistry</i> , 2020 , 59, 1985-1995	5.1	15
97	Development and characterization of CD54-targeted immunoPET imaging in solid tumors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 2765-2775	8.8	9

96	Coordination chemistry of [Y(pyppa)] and comparison immuno-PET imaging of [Sc]Sc- and [Y]Y-pyppa-phenyl-TRC105. <i>Dalton Transactions</i> , 2020 , 49, 5547-5562	4.3	5
95	Automated, cassette-based isolation and formulation of high-purity [Cu]CuCl from solid Ni targets. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2020 , 5, 21	5.8	5
94	HPMA-based star polymer biomaterials with tuneable structure and biodegradability tailored for advanced drug delivery to solid tumours. <i>Biomaterials</i> , 2020 , 235, 119728	15.6	18
93	Spatiotemporal Distribution of Agrin after Intrathecal Injection and Its Protective Role in Cerebral Ischemia/Reperfusion Injury. <i>Advanced Science</i> , 2020 , 7, 1902600	13.6	5
92	Chirality-Driven Transportation and Oxidation Prevention by Chiral Selenium Nanoparticles. <i>Angewandte Chemie</i> , 2020 , 132, 4436-4444	3.6	16
91	Chirality-Driven Transportation and Oxidation Prevention by Chiral Selenium Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4406-4414	16.4	40
90	Establishing Radiolanthanum Chemistry for Targeted Nuclear Medicine Applications. <i>Chemistry - A European Journal</i> , 2020 , 26, 1238-1242	4.8	24
89	Self-Amplified Photodynamic Therapy through the 1O ₂ -Mediated Internalization of Photosensitizers from a Ppa-Bearing Block Copolymer. <i>Angewandte Chemie</i> , 2020 , 132, 3740-3746	3.6	6
88	Self-Amplified Photodynamic Therapy through the O ⁻ -Mediated Internalization of Photosensitizers from a Ppa-Bearing Block Copolymer. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3711-3717	16.4	30
87	Lu-NM600 Targeted Radionuclide Therapy Extends Survival in Syngeneic Murine Models of Triple-Negative Breast Cancer. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 1187-1194	8.9	8
86	Prevention of Hepatic Ischemia-Reperfusion Injury by Carbohydrate-Derived Nanoantioxidants. <i>Nano Letters</i> , 2020 , 20, 6510-6519	11.5	8
85	Improved production of Br, Br and Br via CoSe cyclotron targets and vertical dry distillation. <i>Nuclear Medicine and Biology</i> , 2020 , 80-81, 32-36	2.1	8
84	ImmunoPET Imaging of TIM-3 in Murine Melanoma Models. <i>Advanced Therapeutics</i> , 2020 , 3, 2000018	4.9	3
83	A Melanin-Based Natural Antioxidant Defense Nanosystem for Theranostic Application in Acute Kidney Injury. <i>Advanced Functional Materials</i> , 2019 , 29, 1904833	15.6	65
82	Aptamer-Conjugated Framework Nucleic Acids for the Repair of Cerebral Ischemia-Reperfusion Injury. <i>Nano Letters</i> , 2019 , 19, 7334-7341	11.5	31
81	Recommended Nuclear Data for the Production of Selected Therapeutic Radionuclides. <i>Nuclear Data Sheets</i> , 2019 , 155, 56-74	5.4	16
80	Radiochlorine: an underutilized halogen tool. <i>Radiochimica Acta</i> , 2019 , 107, 1027-1031	1.9	2
79	Site-Specific Immuno-PET Tracer to Image PD-L1. <i>Molecular Pharmaceutics</i> , 2019 , 16, 2028-2036	5.6	24

78	Large-Scale Production of Te and Sb for Radiopharmaceutical Applications. <i>ACS Central Science</i> , 2019 , 5, 494-505	16.8	10
77	Y-NM600 targeted radionuclide therapy induces immunologic memory in syngeneic models of T-cell Non-Hodgkin's Lymphoma. <i>Communications Biology</i> , 2019 , 2, 79	6.7	25
76	Noninvasive Imaging and Quantification of Radiotherapy-Induced PD-L1 Upregulation with Zr-Df-Atezolizumab. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1434-1441	6.3	20
75	Radiochemical isolation method for the production of Mn from Cr for accelerator targets. <i>Applied Radiation and Isotopes</i> , 2019 , 146, 99-103	1.7	8
74	Ceria Nanoparticles Meet Hepatic Ischemia-Reperfusion Injury: The Perfect Imperfection. <i>Advanced Materials</i> , 2019 , 31, e1902956	24	76
73	Production and in vivo PET/CT imaging of the theranostic pair La. <i>Scientific Reports</i> , 2019 , 9, 10658	4.9	11
72	Size-Optimized Ultrasmall Porous Silica Nanoparticles Depict Vasculature-Based Differential Targeting in Triple Negative Breast Cancer. <i>Small</i> , 2019 , 15, e1903747	11	22
71	Intrathecal Administration of Nanoclusters for Protecting Neurons against Oxidative Stress in Cerebral Ischemia/Reperfusion Injury. <i>ACS Nano</i> , 2019 , 13, 13382-13389	16.7	24
70	PET Measures of D1, D2, and DAT Binding Are Associated With Heightened Tactile Responsivity in Rhesus Macaques: Implications for Sensory Processing Disorder. <i>Frontiers in Integrative Neuroscience</i> , 2019 , 13, 29	3.2	1
69	A "Missile-Detonation" Strategy to Precisely Supply and Efficiently Amplify Cerenkov Radiation Energy for Cancer Theranostics. <i>Advanced Materials</i> , 2019 , 31, e1904894	24	14
68	Antibody and fragment-based PET imaging of CTLA-4+ T-cells in humanized mouse models. <i>American Journal of Cancer Research</i> , 2019 , 9, 53-63	4.4	18
67	Dual-labeled pertuzumab for multimodality image-guided ovarian tumor resection. <i>American Journal of Cancer Research</i> , 2019 , 9, 1454-1468	4.4	10
66	ImmunoPET imaging of CD38 expression in hepatocellular carcinoma using Cu-labeled daratumumab. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 6007-6015	3	7
65	HER2-targeted multimodal imaging of anaplastic thyroid cancer. <i>American Journal of Cancer Research</i> , 2019 , 9, 2413-2427	4.4	8
64	CD146-Targeted Multimodal Image-Guided Photoimmunotherapy of Melanoma. <i>Advanced Science</i> , 2019 , 6, 1801237	13.6	28
63	Surfactant-Stripped Pheophytin Micelles for Multimodal Tumor Imaging and Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , 2019 , 2, 544-554	4.1	12
62	Efficient renal clearance of DNA tetrahedron nanoparticles enables quantitative evaluation of kidney function. <i>Nano Research</i> , 2019 , 12, 637-642	10	24
61	ImmunoPET imaging of CD38 in murine lymphoma models using Zr-labeled daratumumab. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 1372-1381	8.8	18

60	PET radiometals for antibody labeling. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018 , 61, 636-651	1.9	27
59	Alpha-Emitters and Targeted Alpha Therapy in Oncology: from Basic Science to Clinical Investigations. <i>Targeted Oncology</i> , 2018 , 13, 189-203	5	64
58	Noninvasive Trafficking of Brentuximab Vedotin and PET Imaging of CD30 in Lung Cancer Murine Models. <i>Molecular Pharmaceutics</i> , 2018 , 15, 1627-1634	5.6	11
57	Efficient Uptake of Lu-Porphyrin-PEG Nanocomplexes by Tumor Mitochondria for Multimodal-Imaging-Guided Combination Therapy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 218-222	16.4	75
56	Chromatographic separation of the theranostic radionuclide Ag from a proton irradiated thorium matrix. <i>Analytica Chimica Acta</i> , 2018 , 998, 75-82	6.6	13
55	In Vivo Tumor-Targeted Dual-Modality PET/Optical Imaging with a Yolk/Shell-Structured Silica Nanosystem. <i>Nano-Micro Letters</i> , 2018 , 10, 65	19.5	21
54	Intrinsically Zirconium-89-Labeled Manganese Oxide Nanoparticles for Dual-Modality Positron Emission Tomography and Magnetic Resonance Imaging. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 900-909	4	19
53	Excitation functions for (p,x) reactions of niobium in the energy range of $E_p = 40\text{--}100$ MeV. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018 , 429, 53-74	1.2	10
52	ImmunoPET of CD146 in a Murine Hindlimb Ischemia Model. <i>Molecular Pharmaceutics</i> , 2018 , 15, 3434-3441	3.6	7
51	Efficient Uptake of ^{177}Lu -Porphyrin-PEG Nanocomplexes by Tumor Mitochondria for Multimodal-Imaging-Guided Combination Therapy. <i>Angewandte Chemie</i> , 2018 , 130, 224-228	3.6	9
50	DNA origami nanostructures can exhibit preferential renal uptake and alleviate acute kidney injury. <i>Nature Biomedical Engineering</i> , 2018 , 2, 865-877	19	184
49	Molybdenum-based nanoclusters act as antioxidants and ameliorate acute kidney injury in mice. <i>Nature Communications</i> , 2018 , 9, 5421	17.4	100
48	The Production of Ac-225. <i>Current Radiopharmaceuticals</i> , 2018 , 11, 173-179	1.8	21
47	Simplified and automatable radiochemical separation strategy for the production of radiopharmaceutical quality Y using single column extraction chromatography. <i>Applied Radiation and Isotopes</i> , 2018 , 142, 28-31	1.7	19
46	Magnetic Targeting of Nanotheranostics Enhances Cerenkov Radiation-Induced Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14971-14979	16.4	99
45	Y-Based Theranostics Targeting Angiogenesis in a Murine Breast Cancer Model. <i>Molecular Pharmaceutics</i> , 2018 , 15, 2606-2613	5.6	15
44	Evaluation of a chloride-based Zr isolation strategy using a tributyl phosphate (TBP)-functionalized extraction resin. <i>Nuclear Medicine and Biology</i> , 2018 , 64-65, 1-7	2.1	12
43	Synthesis and Characterization of the Actinium Aquo Ion. <i>ACS Central Science</i> , 2017 , 3, 176-185	16.8	39

42	Preparation and in vivo characterization of MnCl as PET tracer of Ca channel-mediated transport. <i>Scientific Reports</i> , 2017 , 7, 3033	4.9	16
41	Bulk production and evaluation of high specific activity Re for cancer therapy using enriched WO targets in a proton beam. <i>Nuclear Medicine and Biology</i> , 2017 , 49, 24-29	2.1	17
40	Proton-induced production and radiochemical isolation of Ti from scandium metal targets for Ti/Sc generator development. <i>Nuclear Medicine and Biology</i> , 2017 , 50, 25-32	2.1	17
39	Characterization of the radiosynthesis and purification of [F]THK-5351, a PET ligand for neurofibrillary tau. <i>Applied Radiation and Isotopes</i> , 2017 , 130, 230-237	1.7	7
38	Simultaneous Separation of Actinium and Radium Isotopes from a Proton Irradiated Thorium Matrix. <i>Scientific Reports</i> , 2017 , 7, 8216	4.9	22
37	Radiolabeled, Antibody-Conjugated Manganese Oxide Nanoparticles for Tumor Vasculature Targeted Positron Emission Tomography and Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 38304-38312	9.5	34
36	Separation of ¹⁰³ Ru from a proton irradiated thorium matrix: A potential source of Auger therapy radionuclide ^{103m} Rh. <i>PLoS ONE</i> , 2017 , 12, e0190308	3.7	3
35	ImmunoPET Imaging of CD146 in Murine Models of Intrapulmonary Metastasis of Non-Small Cell Lung Cancer. <i>Molecular Pharmaceutics</i> , 2017 , 14, 3239-3247	5.6	9
34	Renal-Clearable Ultrasmall Coordination Polymer Nanodots for Chelator-Free Cu-Labeling and Imaging-Guided Enhanced Radiotherapy of Cancer. <i>ACS Nano</i> , 2017 , 11, 9103-9111	16.7	62
33	Evaluating the electronic structure of formal Ln ions in Ln(CHSiMe) using XANES spectroscopy and DFT calculations. <i>Chemical Science</i> , 2017 , 8, 6076-6091	9.4	31
32	Radiometric evaluation of diglycolamide resins for the chromatographic separation of actinium from fission product lanthanides. <i>Talanta</i> , 2017 , 175, 318-324	6.2	18
31	Ultra-small iron-gallic acid coordination polymer nanoparticles for chelator-free labeling of Cu and multimodal imaging-guided photothermal therapy. <i>Nanoscale</i> , 2017 , 9, 12609-12617	7.7	77
30	Half-life of Mn. <i>Physical Review C</i> , 2017 , 96,	2.7	3
29	Intrabilayer Cu Labeling of Photoactivatable, Doxorubicin-Loaded Stealth Liposomes. <i>ACS Nano</i> , 2017 , 11, 12482-12491	16.7	50
28	Spectroscopic and computational investigation of actinium coordination chemistry. <i>Nature Communications</i> , 2016 , 7, 12312	17.4	58
27	Nuclear excitation functions from 40 to 200 MeV proton irradiation of terbium. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2016 , 366, 206-216	1.2	2
26	Formation cross-sections and chromatographic separation of protactinium isotopes formed in proton-irradiated thorium metal. <i>Radiochimica Acta</i> , 2016 , 104, 291-304	1.9	18
25	Nuclear excitation functions of proton-induced reactions (E = 35 - 90 MeV) from Fe, Cu, and Al. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2016 , 386, 44-53	1.2	13

24	Mathematical modeling of positron emission tomography (PET) data to assess radiofluoride transport in living plants following petiolar administration. <i>Plant Methods</i> , 2015 , 11, 18	5.8	8
23	Evaluation of nitrogen-rich macrocyclic ligands for the chelation of therapeutic bismuth radioisotopes. <i>Nuclear Medicine and Biology</i> , 2015 , 42, 428-438	2.1	30
22	MCNPX characterization of the secondary neutron flux at the Los Alamos Isotope Production Facility. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 754, 71-82	1.2	5
21	Prenatal stress induces increased striatal dopamine transporter binding in adult nonhuman primates. <i>Biological Psychiatry</i> , 2013 , 74, 502-10	7.9	19
20	Cross sections from proton irradiation of thorium at 800 MeV. <i>Physical Review C</i> , 2013 , 88,	2.7	21
19	Multifunctional unimolecular micelles for cancer-targeted drug delivery and positron emission tomography imaging. <i>Biomaterials</i> , 2012 , 33, 3071-82	15.6	205
18	In vivo targeting and positron emission tomography imaging of tumor vasculature with (66)Ga-labeled nano-graphene. <i>Biomaterials</i> , 2012 , 33, 4147-56	15.6	178
17	Positron emission tomography imaging of CD105 expression with 89Zr-Df-TRC105. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012 , 39, 138-48	8.8	70
16	Radiolabeled PAApeptides: a new class of tracers for positron emission tomography. <i>Chemical Communications</i> , 2012 , 48, 7850-2	5.8	26
15	Multimodality imaging of breast cancer experimental lung metastasis with bioluminescence and a monoclonal antibody dual-labeled with 89Zr and IRDye 800CW. <i>Molecular Pharmaceutics</i> , 2012 , 9, 2339-49	5.6	55
14	Positron emission tomography and optical imaging of tumor CD105 expression with a dual-labeled monoclonal antibody. <i>Molecular Pharmaceutics</i> , 2012 , 9, 645-53	5.6	36
13	Positron emission tomography imaging of tumor angiogenesis with a 66Ga-labeled monoclonal antibody. <i>Molecular Pharmaceutics</i> , 2012 , 9, 1441-8	5.6	32
12	In vivo targeting and imaging of tumor vasculature with radiolabeled, antibody-conjugated nanographene. <i>ACS Nano</i> , 2012 , 6, 2361-70	16.7	279
11	Nonuniform cardiac denervation observed by 11C-meta-hydroxyephedrine PET in 6-OHDA-treated monkeys. <i>PLoS ONE</i> , 2012 , 7, e35371	3.7	20
10	Cross sections of the $^{36}\text{Ar}(d,p)^{34}\text{Cl}$, $^{40}\text{Ar}(d,p)^{38}\text{Cl}$, and $^{40}\text{Ar}(d,p)^{41}\text{Ar}$ nuclear reactions below 8.4 MeV. <i>Applied Radiation and Isotopes</i> , 2012 , 70, 355-9	1.7	6
9	Gold Nanorods Conjugated with Doxorubicin and cRGD for Combined Anticancer Drug Delivery and PET Imaging. <i>Theranostics</i> , 2012 , 2, 757-68	12.1	163
8	Immuno-PET of tissue factor in pancreatic cancer. <i>Journal of Nuclear Medicine</i> , 2012 , 53, 1748-54	8.9	40
7	Cancer-targeted optical imaging with fluorescent zinc oxide nanowires. <i>Nano Letters</i> , 2011 , 11, 3744-50	11.5	171

6	Positron emission tomography imaging of CD105 expression during tumor angiogenesis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011 , 38, 1335-43	8.8	72
5	Production of ^{34m}Cl and ^{38}Cl via the (d,p) reaction on ^{36}Ar and nat Ar gas at 8.4 MeV. <i>Applied Radiation and Isotopes</i> , 2011 , 69, 75-9	1.7	10
4	^{11}C -(R)-PK11195 PET imaging of microglial activation and response to minocycline in zymosan-treated rats. <i>Journal of Nuclear Medicine</i> , 2011 , 52, 257-62	8.9	21
3	Positron emission tomography imaging of CD105 expression with a ^{64}Cu -labeled monoclonal antibody: NOTA is superior to DOTA. <i>PLoS ONE</i> , 2011 , 6, e28005	3.7	93
2	^{89}Zr radiochemistry for positron emission tomography. <i>Medicinal Chemistry</i> , 2011 , 7, 389-94	1.8	50
1	The unrealized potential of ^{34m}Cl for radiopharmaceutical research with PET. <i>Current Radiopharmaceuticals</i> , 2011 , 4, 102-8	1.8	5