

# Takahito Nakajima

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/815413/publications.pdf>

Version: 2024-02-01

117  
papers

3,461  
citations

136885

32  
h-index

155592

55  
g-index

117  
all docs

117  
docs citations

117  
times ranked

4263  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Transarterial Chemoembolization of Balloon-Occluded Alternate Infusions of Cisplatin and Gelatin Particles for Hepatocellular Carcinoma: A Phase I/II Multicenter Prospective Study of Safety and Efficacy. <i>Journal of Vascular and Interventional Radiology</i> , 2022, 33, 169-176.e1.	0.2	3
2	Diagnosing Ovarian Cancer on MRI: A Preliminary Study Comparing Deep Learning and Radiologist Assessments. <i>Cancers</i> , 2022, 14, 987.	1.7	17
3	Robust Validation and Comprehensive Analysis of a Novel Signature Derived from Crucial Metabolic Pathways of Pancreatic Ductal Adenocarcinoma. <i>Cancers</i> , 2022, 14, 1825.	1.7	2
4	<sup>64</sup> Cu-ATSM and <sup>99m</sup> Tc(CO) <sub>3</sub> -DCM20 potential in the early detection of rheumatoid arthritis. <i>Modern Rheumatology</i> , 2021, 31, 350-356.	0.9	2
5	Texture analysis of [18F]-fluorodeoxyglucose-positron emission tomography/computed tomography for predicting the treatment response of postoperative recurrent or metastatic oral squamous cell carcinoma treated with cetuximab. <i>Annals of Nuclear Medicine</i> , 2021, 35, 871-880.	1.2	5
6	Quantitative analysis of metabolic parameters at 18F-fluorodeoxyglucose positron emission tomography in predicting malignant potential of anterior mediastinal tumors. <i>Oncology Letters</i> , 2020, 19, 1865-1871.	0.8	5
7	18F-FDG and 18F-FAMT PET-derived metabolic parameters predict outcome of oral squamous cell carcinoma. <i>Oral Radiology</i> , 2019, 35, 308-314.	0.9	5
8	Spectroscopic study of uracil, 1-methyluracil and 1-methyl-4-thiouracil: Hydrogen bond interactions in crystals and ab-initio molecular dynamics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 197, 194-201.	2.0	6
9	Early prediction of triple negative breast cancer response to cisplatin treatment using diffusion-weighted MRI and 18F-FDG-PET. <i>Breast Cancer</i> , 2018, 25, 334-342.	1.3	7
10	The Effect of Perinatal Gadolinium-Based Contrast Agents on Adult Mice Behavior. <i>Investigative Radiology</i> , 2018, 53, 110-118.	3.5	50
11	SIMPLE METHOD OF SIZE-SPECIFIC DOSE ESTIMATES CALCULATION FROM PATIENT WEIGHT ON COMPUTED TOMOGRAPHY. <i>Radiation Protection Dosimetry</i> , 2018, 178, 208-212.	0.4	8
12	Bioluminescence Image as a Quantitative Imaging Biomarker for Preclinical Evaluation of Cryoablation in a Murine Model. <i>Journal of Vascular and Interventional Radiology</i> , 2018, 29, 1034-1040.	0.2	4
13	Activatable fluorescence detection of epidermal growth factor receptor positive mediastinal lymph nodes in murine lung cancer model. <i>PLoS ONE</i> , 2018, 13, e0198224.	1.1	1
14	Two-Component Relativistic Equation-of-Motion Coupled-Cluster Methods for Excitation Energies and Ionization Potentials of Atoms and Molecules. <i>Journal of Physical Chemistry A</i> , 2017, 121, 827-835.	1.1	24
15	MPI/OpenMP hybrid parallel algorithm for resolution of identity second-order Møller-Plesset perturbation calculation of analytical energy gradient for massively parallel multicore supercomputers. <i>Journal of Computational Chemistry</i> , 2017, 38, 489-507.	1.5	1
16	Electrical anharmonicity in hydrogen bonded systems: complete interpretation of the IR spectra of the Cl-H <sub>3</sub> stretching band in the gaseous (CH <sub>3</sub> ) <sub>2</sub> O-HCl complex. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 5917-5931.	1.3	10
17	The Born-Oppenheimer molecular simulations of infrared spectra of crystalline poly-(R)-3-hydroxybutyrate with analysis of weak C-H <sub>2</sub> O C hydrogen bonds. <i>Chemical Physics Letters</i> , 2017, 678, 112-118.	1.2	11
18	A Color-Doppler Shear-Wave-Imaging Phase-reconstruction Method Using Four Color Flow Images. <i>Ultrasonic Imaging</i> , 2017, 39, 172-188.	1.4	1

#	ARTICLE	IF	CITATIONS
19	A theoretical study on hot charge-transfer states and dimensional effects of organic photocells based on an ideal diode model. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 12517-12526.	1.3	5
20	An extrapolation scheme for solid-state NMR chemical shift calculations. <i>Chemical Physics Letters</i> , 2017, 677, 99-106.	1.2	9
21	UNO DMRG CASCI calculations of effective exchange integrals for m-phenylene-bis-methylene spin clusters. <i>Molecular Physics</i> , 2017, 115, 2154-2167.	0.8	2
22	Infrared Spectroscopy and Born-Oppenheimer Molecular Dynamics Simulation Study on Deuterium Substitution in the Crystalline Benzoic Acid. <i>Journal of Physical Chemistry B</i> , 2017, 121, 479-489.	1.2	9
23	Large-scale QM/MM calculations of the CaMn <sub>4</sub> O <sub>5</sub> cluster in the S <sub>3</sub> state of the oxygen evolving complex of photosystem II. Comparison between water-inserted and no water-inserted structures. <i>Faraday Discussions</i> , 2017, 198, 83-106.	1.6	31
24	Discovery of Pb-Free Perovskite Solar Cells via High-Throughput Simulation on the K Computer. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4826-4831.	2.1	134
25	Efficient Computation of Sparse Matrix Functions for Large-Scale Electronic Structure Calculations: The <i>ChES</i> Library. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 4684-4698.	2.3	23
26	Organ retention of gadolinium in mother and pup mice: effect of pregnancy and type of gadolinium-based contrast agents. <i>Japanese Journal of Radiology</i> , 2017, 35, 568-573.	1.0	18
27	Applying near-infrared photoimmunotherapy to B-cell lymphoma: comparative evaluation with radioimmunotherapy in tumor xenografts. <i>Annals of Nuclear Medicine</i> , 2017, 31, 669-677.	1.2	11
28	Diagnostic value of 18F-fluorodeoxyglucose uptake parameters to differentiate rheumatoid arthritis from other types of arthritis. <i>Medicine (United States)</i> , 2017, 96, e7130.	0.4	19
29	Full-valence density matrix renormalisation group calculations on meta-benzyne based on unrestricted natural orbitals. Revisit of seamless continuation from broken-symmetry to symmetry-adapted models for diradicals. <i>Molecular Physics</i> , 2017, 115, 2267-2284.	0.8	14
30	Shear Wave Imaging of Breast Tissue by Color Doppler Shear Wave Elastography. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2017, 64, 340-348.	1.7	10
31	Correlation effects beyond coupled cluster singles and doubles approximation through Fock matrix dressing. <i>Journal of Chemical Physics</i> , 2017, 147, 204108.	1.2	7
32	Quantum Chemical Study on the Multi-Electron Transfer of Keggin-Type Polyoxotungstate Anions: The Relation of Redox Potentials to the Bond Valence of $\mu_4$ -O-W. <i>Journal of Computer Chemistry Japan</i> , 2017, 16, 93-95.	0.0	1
33	Iodine concentration calculated by dual-energy computed tomography (DECT) as a functional parameter to evaluate thyroid metabolism in patients with hyperthyroidism. <i>BMC Medical Imaging</i> , 2017, 17, 43.	1.4	4
34	Comparative effectiveness of light emitting diodes (LEDs) and Lasers in near infrared photoimmunotherapy. <i>Oncotarget</i> , 2016, 7, 14324-14335.	0.8	42
35	Effects of Gadolinium-Based Contrast Agents on Thyroid Hormone Receptor Action and Thyroid Hormone-Induced Cerebellar Purkinje Cell Morphogenesis. <i>Frontiers in Endocrinology</i> , 2016, 7, 115.	1.5	25
36	Advantages of L-3-[18F] fluoro-alpha-methyl tyrosine over 2-[18F]-fluoro-2-deoxyglucose in detecting liver metastasis during positron emission tomography scan. <i>SpringerPlus</i> , 2016, 5, 618.	1.2	2

#	ARTICLE	IF	CITATIONS
37	Theoretical study on the cooperative exciton dissociation process based on dimensional and hot charge-transfer state effects in an organic photocell. <i>Journal of Chemical Physics</i> , 2016, 144, 234906.	1.2	17
38	Analyses of Thiophene-Based Donor–Acceptor Semiconducting Polymers toward Designing Optical and Conductive Properties: A Theoretical Perspective. <i>Journal of Physical Chemistry C</i> , 2016, 120, 8305-8314.	1.5	17
39	Differentiation of sarcoidosis-lymphoma syndrome lesions: a case report on the use of two different positron emission tomography tracers. <i>BMC Medical Imaging</i> , 2016, 16, 1.	1.4	22
40	Large-scale QM/MM calculations of the CaMn <sub>4</sub> O <sub>5</sub> cluster in the oxygen-evolving complex of photosystem II: Comparisons with EXAFS structures. <i>Chemical Physics Letters</i> , 2016, 658, 354-363.	1.2	15
41	Application of the dielectric-dependent screened exchange potential approach to organic photocell materials. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27554-27563.	1.3	18
42	Spectroscopic and Computational Study of Acetic Acid and Its Cyclic Dimer in the Near-Infrared Region. <i>Journal of Physical Chemistry A</i> , 2016, 120, 6170-6183.	1.1	44
43	Distribution and clearance of retained gadolinium in the brain: differences between linear and macrocyclic gadolinium based contrast agents in a mouse model. <i>British Journal of Radiology</i> , 2016, 89, 20160509.	1.0	37
44	Massively parallel algorithm and implementation of RI-MP2 energy calculation for peta-scale many-core supercomputers. <i>Journal of Computational Chemistry</i> , 2016, 37, 2623-2633.	1.5	22
45	Impact of Impaired Renal Function on Gadolinium Retention After Administration of Gadolinium-Based Contrast Agents in a Mouse Model. <i>Investigative Radiology</i> , 2016, 51, 655-660.	3.5	58
46	A case of intra-articular ganglion cysts of the knee joint: correlation between arthroscopic and magnetic resonance imaging. <i>BMC Medical Imaging</i> , 2016, 16, 36.	1.4	5
47	From C <sub>60</sub> to Infinity: Large-Scale Quantum Chemistry Calculations of the Heats of Formation of Higher Fullerenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 1420-1429.	6.6	32
48	Gaussian-based range-separation approach on Hartree–Fock exchange interaction and second-order perturbation theory. <i>Chemical Physics Letters</i> , 2016, 647, 132-138.	1.2	3
49	Theoretical study on spin-forbidden transitions of osmium complexes by two-component relativistic time-dependent density functional theory. <i>Chemical Physics Letters</i> , 2016, 648, 60-65.	1.2	9
50	Selective cell elimination in vitro and in vivo from tissues and tumors using antibodies conjugated with a near infrared phthalocyanine. <i>RSC Advances</i> , 2015, 5, 25105-25114.	1.7	34
51	NTChem: A high-performance software package for quantum molecular simulation. <i>International Journal of Quantum Chemistry</i> , 2015, 115, 349-359.	1.0	55
52	Theoretical modelling of biomolecular systems I. Large-scale QM/MM calculations of hydrogen-bonding networks of the oxygen evolving complex of photosystem II. <i>Molecular Physics</i> , 2015, 113, 359-384.	0.8	28
53	Theoretical investigation of enantioselectivity of cage-like supramolecular assembly: The insights into the shape complementarity and host-guest interaction. <i>Journal of Computational Chemistry</i> , 2015, 36, 459-466.	1.5	15
54	Gaussian-based cutoff scheme on Hartree–Fock exchange term of dielectric-dependent potential. <i>Chemical Physics Letters</i> , 2015, 634, 83-87.	1.2	5

#	ARTICLE	IF	CITATIONS
55	Two-component relativistic time-dependent density functional theory study on spin-forbidden transitions for metal polypyridyl complexes. <i>Chemical Physics Letters</i> , 2015, 635, 152-156.	1.2	9
56	How Can We Understand Au <sub>8</sub> Cores and Entangled Ligands of Selenolate- and Thiolate-Protected Gold Nanoclusters Au <sub>24</sub> (ER) <sub>20</sub> and Au <sub>20</sub> (ER) <sub>16</sub> (E = Se, S; R = Ph, Me)? A Theoretical Study. <i>Journal of the American Chemical Society</i> , 2015, 137, 8593-8602.	6.6	25
57	Prefecture-wide multi-centre radiation dose survey as a useful tool for CT dose optimisation: report of Gunma radiation dose study. <i>Radiation Protection Dosimetry</i> , 2015, 167, 519-524.	0.4	1
58	Theoretical study of exciton dissociation through hot states at donor-acceptor interface in organic photocell. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 12538-12544.	1.3	14
59	Role of F-18 FDG PET/CT in assessing IgG4-related disease with inflammation of head and neck glands. <i>Annals of Nuclear Medicine</i> , 2015, 29, 499-505.	1.2	26
60	Near Infrared Photoimmunotherapy in the Treatment of Disseminated Peritoneal Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 141-150.	1.9	81
61	Preparation and long-term biodistribution studies of a PAMAM dendrimer G5-Gd-BnDOTA conjugate for lymphatic imaging. <i>Nanomedicine</i> , 2015, 10, 1423-1437.	1.7	31
62	Evaluation of bone scan index change over time on automated calculation in bone scintigraphy. <i>Annals of Nuclear Medicine</i> , 2015, 29, 911-920.	1.2	20
63	Full geometry optimizations of the CaMn <sub>4</sub> O <sub>4</sub> model cluster for the oxygen evolving complex of photosystem II. <i>Chemical Physics Letters</i> , 2015, 640, 23-30.	1.2	15
64	Photoimmunotherapy of hepatocellular carcinoma-targeting Glypican-3 combined with nanosized albumin-bound paclitaxel. <i>Nanomedicine</i> , 2015, 10, 1139-1147.	1.7	53
65	Real-time monitoring of hemodynamic changes in tumor vessels during photoimmunotherapy using optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2014, 19, 098004.	1.4	18
66	Dynamic fluorescent imaging with indocyanine green for monitoring the therapeutic effects of photoimmunotherapy. <i>Contrast Media and Molecular Imaging</i> , 2014, 9, 276-282.	0.4	15
67	MR lymphangiography with intradermal gadofosveset and human serum albumin in mice and primates. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 691-697.	1.9	9
68	Fluorescence-lifetime molecular imaging can detect invisible peritoneal ovarian tumors in bloody ascites. <i>Cancer Science</i> , 2014, 105, 308-314.	1.7	5
69	The Effect of Photoimmunotherapy Followed by Liposomal Daunorubicin in a Mixed Tumor Model: A Demonstration of the Super-Enhanced Permeability and Retention Effect after Photoimmunotherapy. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 426-432.	1.9	61
70	Magnetic Resonance Lymphography of the Thoracic Duct after Interstitial Injection of Gadofosveset Trisodium: A Pilot Dosing Study in a Porcine Model. <i>Lymphatic Research and Biology</i> , 2014, 12, 32-36.	0.5	13
71	Effects of Heteroatoms on Electronic States of Divanadium-Substituted $\hat{1}^3$ -Keggin-type Polyoxometalates. <i>Inorganic Chemistry</i> , 2014, 53, 3907-3918.	1.9	13
72	Dielectric-dependent screened Hartree-Fock exchange potential and Slater-formula with Coulomb-hole interaction for energy band structure calculations. <i>Journal of Chemical Physics</i> , 2014, 141, 114109.	1.2	28

#	ARTICLE	IF	CITATIONS
73	Activatable Organic Near-Infrared Fluorescent Probes Based on a Bacteriochlorin Platform: Synthesis and Multicolor <i>In Vivo</i> Imaging with a Single Excitation. <i>Bioconjugate Chemistry</i> , 2014, 25, 362-369.	1.8	41
74	A case of multiple hepatic angiomyolipomas with high <sup>18</sup> F-fluorodeoxyglucose uptake. <i>BMC Medical Imaging</i> , 2014, 14, 17.	1.4	15
75	The effects of conjugate and light dose on photo-immunotherapy induced cytotoxicity. <i>BMC Cancer</i> , 2014, 14, 389.	1.1	46
76	Photoimmunotherapy: Comparative effectiveness of two monoclonal antibodies targeting the epidermal growth factor receptor. <i>Molecular Oncology</i> , 2014, 8, 620-632.	2.1	95
77	Minibody-Indocyanine Green Based Activatable Optical Imaging Probes: The Role of Short Polyethylene Glycol Linkers. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 411-415.	1.3	35
78	Abstract 5400: Photoimmunotherapy (PIT) combined with a nanosized cancer agent successfully treated heterogenous antigen-expressing tumors based on super-enhanced permeability and retention (SUPR) effect. , 2014, , .		1
79	Markedly Enhanced Permeability and Retention Effects Induced by Photo-immunotherapy of Tumors. <i>ACS Nano</i> , 2013, 7, 717-724.	7.3	237
80	Short PEG-Linkers Improve the Performance of Targeted, Activatable Monoclonal Antibody-Indocyanine Green Optical Imaging Probes. <i>Bioconjugate Chemistry</i> , 2013, 24, 811-816.	1.8	53
81	MPI/OpenMP Hybrid Parallel Algorithm of Resolution of Identity Second-Order Møller-Plesset Perturbation Calculation for Massively Parallel Multicore Supercomputers. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 5373-5380.	2.3	36
82	Acute Cytotoxic Effects of Photoimmunotherapy Assessed by <sup>18</sup> F-FDG PET. <i>Journal of Nuclear Medicine</i> , 2013, 54, 770-775.	2.8	30
83	Activatable fluorescent cys-diabody conjugated with indocyanine green derivative: consideration of fluorescent catabolite kinetics on molecular imaging. <i>Journal of Biomedical Optics</i> , 2013, 18, 101304.	1.4	18
84	Improving the Efficacy of Photoimmunotherapy (PIT) using a Cocktail of Antibody Conjugates in a Multiple Antigen Tumor Model. <i>Theranostics</i> , 2013, 3, 357-365.	4.6	74
85	Abstract 4512: Super-enhanced permeability and retention (SUPR) effect induced by photo-immunotherapy (PIT) can accommodate massive nano-sized reagents deep into tumors.. , 2013, , .		0
86	Relativistic diffusion Monte Carlo method: Zeroth-order regular approximation-diffusion Monte Carlo method in a spin-free formalism. <i>Journal of Chemical Physics</i> , 2012, 137, 154103.	1.2	4
87	Real-time Monitoring of <i>In Vivo</i> Acute Necrotic Cancer Cell Death Induced by Near Infrared Photoimmunotherapy Using Fluorescence Lifetime Imaging. <i>Cancer Research</i> , 2012, 72, 4622-4628.	0.4	77
88	A new computational scheme for the spin-orbit part of zero-field splitting tensor. <i>Chemical Physics Letters</i> , 2012, 549, 108-112.	1.2	8
89	In vivo breast cancer characterization imaging using two monoclonal antibodies activatably labeled with near infrared fluorophores. <i>Breast Cancer Research</i> , 2012, 14, R61.	2.2	60
90	Gadolinium MRI Contrast Agents Based on Triazine Dendrimers: Relaxivity and In Vivo Pharmacokinetics. <i>Bioconjugate Chemistry</i> , 2012, 23, 2291-2299.	1.8	49

#	ARTICLE	IF	CITATIONS
91	Near-infrared Theranostic Photoimmunotherapy (PIT): Repeated Exposure of Light Enhances the Effect of Immunoconjugate. <i>Bioconjugate Chemistry</i> , 2012, 23, 604-609.	1.8	136
92	Immediate in vivo target-specific cancer cell death after near infrared photoimmunotherapy. <i>BMC Cancer</i> , 2012, 12, 345.	1.1	86
93	The Douglas-Kroll-Hess Approach. <i>Chemical Reviews</i> , 2012, 112, 385-402.	23.0	197
94	Galactosyl Human Serum Albumin-NMP1 Conjugate: A Near Infrared (NIR)-Activatable Fluorescence Imaging Agent to Detect Peritoneal Ovarian Cancer Metastases. <i>Bioconjugate Chemistry</i> , 2012, 23, 1671-1679.	1.8	60
95	Abstract LB-508: A GSA-NMP1 conjugate: An NIR-activatable fluorescence imaging agent to detect peritoneal ovarian cancer metastases. , 2012, , .		0
96	Abstract 4830: Target-molecular specific near infrared cancer photoimmunotherapy: Detection, treatment, and monitoring of tumors with a theranostic fluorescent probe. , 2012, , .		0
97	Targeted, Activatable, In Vivo Fluorescence Imaging of Prostate-Specific Membrane Antigen (PSMA) Positive Tumors Using the Quenched Humanized J591 Antibody-Indocyanine Green (ICG) Conjugate. <i>Bioconjugate Chemistry</i> , 2011, 22, 1700-1705.	1.8	128
98	Enhanced Catalytic Activity on Titanosilicate Molecular Sieves Controlled by Cation- $\pi$ Interactions. <i>Journal of the American Chemical Society</i> , 2011, 133, 12462-12465.	6.6	96
99	Second-order generalized unrestricted Møller-Plesset perturbation theory for the spin-orbit part of zero-field splitting tensors. <i>Chemical Physics Letters</i> , 2011, 515, 296-301.	1.2	12
100	A dual-level approach to four-component relativistic density-functional theory. <i>Chemical Physics Letters</i> , 2011, 508, 177-181.	1.2	3
101	Percutaneous radiofrequency ablation of osteoid osteoma using cool-tip electrodes without the cooling system. <i>Japanese Journal of Radiology</i> , 2011, 29, 138-143.	1.0	15
102	Efficient evaluation of the Coulomb force in the Gaussian and finite-element Coulomb method. <i>Journal of Chemical Physics</i> , 2010, 132, 244107.	1.2	3
103	Electron-nucleus cusp correction scheme for the relativistic zeroth-order regular approximation quantum Monte Carlo method. <i>Journal of Chemical Physics</i> , 2010, 132, 174108.	1.2	9
104	The reaction of $N_2O_5$ with $H_3O^+$ : A first-principles direct molecular dynamics study of acid-catalyzed reactive uptake of $N_2O_5$ . <i>International Journal of Quantum Chemistry</i> , 2009, 109, 2143-2148.	1.0	4
105	Theoretical study on the excited states of heteroarene chromophores: Comparison of calculated and experimental values. <i>Chemical Physics Letters</i> , 2009, 473, 196-200.	1.2	13
106	Relation between Wavelength Dispersion of Refractive Index and Birefringence of Polymers Estimated by Quantum Chemical Calculation and Chemical Structure. <i>Kobunshi Ronbunshu</i> , 2009, 66, 119-129.	0.2	0
107	Detection of metastatic lesions from malignant pheochromocytoma and paraganglioma with diffusion-weighted magnetic resonance imaging: comparison with $^{18}F$ -FDG positron emission tomography and $^{123}I$ -MIBG scintigraphy. <i>Annals of Nuclear Medicine</i> , 2008, 22, 395-401.	1.2	52
108	Electron-Enhanced Vibrational Spectroscopy: A Theoretical Approach. <i>Analytical Sciences</i> , 2008, 24, 111-114.	0.8	5

#	ARTICLE	IF	CITATIONS
109	Gaussian and finite-element Coulomb method for the fast evaluation of Coulomb integrals. <i>Journal of Chemical Physics</i> , 2007, 126, 144106.	1.2	20
110	Magnetite Ingested as a Nutritional Supplement: Unexpected Source of MRI Susceptibility Artifact. <i>American Journal of Roentgenology</i> , 2007, 188, 1026-1027.	1.0	2
111	Theoretical Investigation of the Excited States of Coumarin Dyes for Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry A</i> , 2007, 111, 5544-5548.	1.1	156
112	New implementation of molecular double point-group symmetry in four-component relativistic Gaussian-type spinors. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 1382-1389.	1.0	20
113	An approximate second-order Møller-Plesset perturbation approach for large molecular calculations. <i>Chemical Physics Letters</i> , 2006, 427, 225-229.	1.2	27
114	Theoretical study of valence photoelectron spectra of Re(CO)5X (X=Cl, Br, and I): A spin-orbit DK3 symmetry-adapted cluster/symmetry-adapted cluster-configuration interaction study. <i>Journal of Chemical Physics</i> , 2006, 124, 224307.	1.2	6
115	A dual-level approach to density-functional theory. <i>Journal of Chemical Physics</i> , 2006, 124, 184108.	1.2	29
116	The relativistic complete active-space second-order perturbation theory with the four-component Dirac Hamiltonian. <i>Journal of Chemical Physics</i> , 2006, 125, 234110.	1.2	46
117	Computed tomography-guided transpulmonary radiofrequency ablation for hepatocellular carcinoma located in hepatic dome. <i>World Journal of Gastroenterology</i> , 2006, 12, 608.	1.4	56