

Kazuo Umemura

List of Publications by Year in descending order

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137
papers

1,641
citations

304743

22
h-index

395702

33
g-index

142
all docs

142
docs citations

142
times ranked

1724
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Applications Using Mixed Materials of Cellulose, Nanocellulose and Carbon Nanotubes. <i>Nanomaterials</i> , 2020, 10, 186.	4.1	121
2	Dual Therapy with Vonoprazan and Amoxicillin Is as Effective as Triple Therapy with Vonoprazan, Amoxicillin and Clarithromycin for Eradication of <i>Helicobacter pylori</i> . <i>Digestion</i> , 2020, 101, 743-751.	2.3	87
3	Vessel Wall Injury and Arterial Thrombosis Induced by a Photochemical Reaction. <i>Thrombosis and Haemostasis</i> , 1995, 73, 868-872.	3.4	82
4	Photochemically Induced Endothelial Injury in the Mouse as a Screening Model for Inhibitors of Vascular Intimal Thickening. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 1069-1078.	2.4	72
5	Hybrids of Nucleic Acids and Carbon Nanotubes for Nanobiotechnology. <i>Nanomaterials</i> , 2015, 5, 321-350.	4.1	51
6	Vascular Smooth Muscle Cells Stimulate Platelets and Facilitate Thrombus Formation through Platelet CLEC-2: Implications in Atherothrombosis. <i>PLoS ONE</i> , 2015, 10, e0139357.	2.5	45
7	Atomic Force Microscopy of RecA-DNA Complexes Using a Carbon Nanotube Tip. <i>Biochemical and Biophysical Research Communications</i> , 2001, 281, 390-395.	2.1	43
8	Pharmacokinetics and Safety of a Novel Recombinant Soluble Human Thrombomodulin, ART-123, in Healthy Male Volunteers. <i>Journal of Clinical Pharmacology</i> , 1998, 38, 40-44.	2.0	42
9	Controlled Immobilization of DNA Molecules Using Chemical Modification of Mica Surfaces for Atomic Force Microscopy: Characterization in Air. <i>Analytical Biochemistry</i> , 2001, 290, 232-237.	2.4	34
10	A Potential New Risk Factor for Stroke: <i>Streptococcus Mutans</i> With Collagen-Binding Protein. <i>World Neurosurgery</i> , 2018, 113, e77-e81.	1.3	32
11	Recombinant Tissue-Type Plasminogen Activator Transiently Enhances Blood-Brain Barrier Permeability During Cerebral Ischemia through Vascular Endothelial Growth Factor-Mediated Endothelial Endocytosis in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 2021-2031.	4.3	31
12	Surface morphology of hybrids of double-stranded DNA and single-walled carbon nanotubes studied by atomic force microscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 49-54.	5.0	29
13	Effect of a novel nasal oxytocin spray with enhanced bioavailability on autism: a randomized trial. <i>Brain</i> , 2022, 145, 490-499.	7.6	29
14	Analysis of Body Sway in Patients with Cerebellar Lesions. <i>Acta Oto-Laryngologica</i> , 1989, 108, 253-261.	0.9	27
15	A Novel Recombinant Soluble Human Thrombomodulin, ART-123, Activates the Protein C Pathway in Healthy Male Volunteers. <i>Journal of Clinical Pharmacology</i> , 1998, 38, 540-544.	2.0	26
16	Enhanced effect of triazolam with diltiazem. <i>British Journal of Clinical Pharmacology</i> , 1997, 43, 367-372.	2.4	24
17	Diatom Cells Grown and Baked on a Functionalized Mica Surface. <i>Journal of Biological Physics</i> , 2008, 34, 189-196.	1.5	24
18	Selective binding of single-stranded DNA-binding proteins onto DNA molecules adsorbed on single-walled carbon nanotubes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 325-330.	5.0	24

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19	Monitoring the antioxidant effects of catechin using single-walled carbon nanotubes: Comparative analysis by near-infrared absorption and near-infrared photoluminescence. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 139-146.	5.0	24
20	Comparative Study of Effects of Vonoprazan and Esomeprazole on Antiplatelet Function of Clopidogrel or Prasugrel in Relation to CYP2C19 Genotype. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 103, 906-913.	4.7	23
21	ME3277, a GPIIb/IIIa Antagonist Reduces Cerebral Infarction without Enhancing Intracranial Hemorrhage in Photothrombotic Occlusion of Rabbit Middle Cerebral Artery. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 988-997.	4.3	22
22	AFM characterization of single strand-specific endonuclease activity on linear DNA. <i>Nucleic Acids Research</i> , 2000, 28, e39-e39.	14.5	22
23	Controlling the adsorption and desorption of double-stranded DNA on functionalized carbon nanotube surface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 106, 234-239.	5.0	22
24	The Effect of DNA Adsorption on Optical Transitions in Single Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 21141-21145.	3.1	22
25	The Pharmacokinetics and Pharmacodynamics of Prasugrel and Clopidogrel in Healthy Japanese Volunteers. <i>Clinical Pharmacology in Drug Development</i> , 2016, 5, 480-487.	1.6	20
26	Inhibitory mechanism of tranilast in human coronary artery smooth muscle cells proliferation, due to blockade of PDGF β receptors. <i>British Journal of Pharmacology</i> , 2000, 130, 307-314.	5.4	19
27	Nanocharacterization and Nanofabrication of a Nafion Thin Film in Liquids by Atomic Force Microscopy. <i>Langmuir</i> , 2006, 22, 3306-3312.	3.5	19
28	Regulated growth of diatom cells on self-assembled monolayers. <i>Journal of Nanobiotechnology</i> , 2007, 5, 2.	9.1	19
29	Kelvin Probe Force Microscopy of Single-walled Carbon Nanotubes Modified with DNA or Poly(ethylene glycol). <i>Chemistry Letters</i> , 2013, 42, 666-668.	1.3	18
30	Prevention Effect of Antiplatelets on Aneurysm Rupture in a Mouse Intracranial Aneurysm Model. <i>Cerebrovascular Diseases</i> , 2018, 45, 180-186.	1.7	18
31	Pharmacokinetics and pharmacodynamics of (β)-sotalol in healthy male volunteers. <i>British Journal of Clinical Pharmacology</i> , 1996, 42, 583-588.	2.4	17
32	Pharmacokinetics and Safety of the Novel Amino- β -Hydroxy- γ -Methylisoxazole- δ -Propionate Receptor Antagonist YM90K in Healthy Men. <i>Journal of Clinical Pharmacology</i> , 1997, 37, 719-727.	2.0	17
33	Atomic Force Microscopy of DNA-wrapped Single-walled Carbon Nanotubes in Aqueous Solution. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 143, 526-531.	5.0	17
34	Elevated Plasma Levels of LDL Cholesterol Promote Dissecting Thoracic Aortic Aneurysms in Angiotensin II-Induced Mice. <i>Annals of Vascular Surgery</i> , 2018, 48, 204-213.	0.9	17
35	Biomolecular recognition ability of RecA proteins for DNA on single-walled carbon nanotubes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 496-501.	5.0	16
36	Two-dimensional trajectory analysis of the diatom <i>Navicula</i> sp. using a micro chamber. <i>Journal of Microbiological Methods</i> , 2011, 87, 316-319.	1.6	15

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37	Quantitative Detection of the Disappearance of the Antioxidant Ability of Catechin by Near-Infrared Absorption and Near-Infrared Photoluminescence Spectra of Single-Walled Carbon Nanotubes. ACS Omega, 2019, 4, 7750-7758.	3.5	14
38	Morphology and Physical-Chemical Properties of Baked Nanoporous Frustules. Journal of Nanoscience and Nanotechnology, 2010, 10, 5220-5224.	0.9	13
39	Successful Serial Imaging of the Mouse Cerebral Arteries Using Conventional 3-T Magnetic Resonance Imaging. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1523-1527.	4.3	13
40	Safety and pharmacokinetics of bapineuzumab in a single ascending dose study in Japanese patients with mild to moderate Alzheimer's disease. Geriatrics and Gerontology International, 2016, 16, 644-650.	1.5	13
41	Influence of low-dose proton pump inhibitors administered concomitantly or separately on the anti-platelet function of clopidogrel. Journal of Thrombosis and Thrombolysis, 2017, 43, 333-342.	2.1	13
42	Desflurane anesthesia shifts the circadian rhythm phase depending on the time of day of anesthesia. Scientific Reports, 2020, 10, 18273.	3.3	13
43	Probe Microscopic Studies of DNA Molecules on Carbon Nanotubes. Nanomaterials, 2016, 6, 180.	4.1	12
44	Inhibitory Effect of a Novel Orally Active GP IIb/IIIa Inhibitor, SC-54684A on Intimal Thickening in the Guinea Pig Femoral Artery. Thrombosis and Haemostasis, 1996, 76, 799-806.	3.4	12
45	A new model for investigating hair cell degeneration in the guinea pig following damage of the stria vascularis using a photochemical reaction. European Archives of Oto-Rhino-Laryngology, 2000, 257, 182-187.	1.6	10
46	Controlled Nanoporous Structures of a Marine Diatom. Journal of Nanoscience and Nanotechnology, 2007, 7, 2842-2846.	0.9	10
47	Study of the nanoscopic deformation of an annealed nafion film by using atomic force microscopy and a patterned substrate. Ultramicroscopy, 2008, 108, 529-535.	1.9	10
48	Importance of observation interval in two-dimensional video analysis of individual diatom cells. European Biophysics Journal, 2012, 41, 545-550.	2.2	10
49	Use of a microchamber for analysis of thermal variation of the gliding phenomenon of single Navicula pavillardii cells. European Biophysics Journal, 2015, 44, 113-119.	2.2	10
50	Using a fluorescence quenching method to detect DNA adsorption onto single-walled carbon nanotube surfaces. Colloids and Surfaces B: Biointerfaces, 2017, 160, 201-206.	5.0	10
51	Differences in the response of the near-infrared absorbance spectra of single-walled carbon nanotubes; Effects of chirality and wrapping polymers. Colloids and Surfaces B: Biointerfaces, 2018, 172, 684-689.	5.0	10
52	Different exercises can modulate the differentiation/maturation of neural stem/progenitor cells after photochemically induced focal cerebral infarction. Brain and Behavior, 2020, 10, e01535.	2.2	10
53	Preparation of Photocatalyst Using Diatom Frustules by Liquid Phase Deposition Method. Journal of Nanoscience and Nanotechnology, 2010, 10, 4883-4888.	0.9	9
54	Semi-circular microgrooves to observe active movements of individual Navicula pavillardii cells. Journal of Microbiological Methods, 2013, 92, 349-354.	1.6	9

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55	Increase in blood-brain barrier permeability does not directly induce neuronal death but may accelerate ischemic neuronal damage. <i>Experimental Animals</i> , 2018, 67, 479-486.	1.1	9
56	Characterization of Atherosclerosis Formation in a Murine Model of Type IIa Human Familial Hypercholesterolemia. <i>BioMed Research International</i> , 2018, 2018, 1-17.	1.9	9
57	Label-free imaging and analysis of subcellular parts of a living diatom <i>cylindrotheca</i> sp. using optical diffraction tomography. <i>MethodsX</i> , 2020, 7, 100889.	1.6	9
58	Cultivation of <i>Melosira nummuloides</i> cells in the presence of platinum: Preparation of metal-containing frustules. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 2759-2762.	0.8	8
59	Single cell analysis of sinking diatoms studied using a homemade "tumbled" optical microscope system. <i>Journal of Microbiological Methods</i> , 2020, 168, 105804.	1.6	8
60	Nanobody production can be simplified by direct secretion from <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2020, 170, 105607.	1.3	8
61	Influence of clarithromycin on the bactericidal effect of amoxicillin in patients infected with clarithromycin-resistant strains of <i>H. pylori</i> . <i>Gut</i> , 2020, 69, 2056.2-2056.	12.1	8
62	Efficacy and Safety of Prasugrel vs Clopidogrel in Thrombotic Stroke Patients With Risk Factors for Ischemic Stroke Recurrence: A Double-blind, Phase III Study (PRASTRO-III). <i>Journal of Atherosclerosis and Thrombosis</i> , 2023, 30, 222-236.	2.0	8
63	Pharmacokinetics and pharmacodynamics of prasugrel in healthy Japanese subjects. <i>Drug Metabolism and Pharmacokinetics</i> , 2016, 31, 285-291.	2.2	7
64	Scanning Techniques for Nanobioconjugates of Carbon Nanotubes. <i>Scanning</i> , 2018, 2018, 1-19.	1.5	7
65	Study on optical response sensitivity in hybrid of single-walled carbon nanotubes mixed with double-stranded DNA and carboxymethylcellulose. <i>Optical Materials</i> , 2020, 109, 110386.	3.6	7
66	Single cell analysis using a glass microchamber for studying movement fluctuations of <i>Navicula pavillardii</i> and <i>Seminavis robusta</i> diatom cells. <i>Micron</i> , 2015, 77, 41-43.	2.2	6
67	Pharmacokinetics and Safety of Defibrotide in Healthy Japanese Subjects. <i>Clinical Pharmacology in Drug Development</i> , 2016, 5, 548-551.	1.6	6
68	Physisorption of DNA molecules on chemically modified single-walled carbon nanotubes with and without sonication. <i>European Biophysics Journal</i> , 2016, 45, 483-489.	2.2	6
69	Dispersion of Carbon Nanotubes with "Green" Detergents. <i>Molecules</i> , 2021, 26, 2908.	3.8	6
70	Sinking of Four Species of Living Diatom Cells Directly Observed by a "Tumbled" Optical Microscope. <i>Microscopy and Microanalysis</i> , 2021, 27, 1154-1160.	0.4	6
71	Sensing of epigallocatechin gallate and tannic acid based on near infrared optical spectroscopy of DNA-wrapped single-walled carbon nanotube hybrids. <i>Journal of Near Infrared Spectroscopy</i> , 2021, 29, 73-83.	1.5	6
72	PET study of the neuroprotective effect of TRA-418, an antiplatelet agent, in a monkey model of stroke. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1931-6.	5.0	6

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73	Plasminogen Deficiency Significantly Reduces Vascular Wall Disease in a Murine Model of Type IIa Hypercholesterolemia. <i>Biomedicines</i> , 2021, 9, 1832.	3.2	6
74	Nano-characterization of a nafion thin film in air and in water by atomic force microscopy. <i>Journal of Physics: Conference Series</i> , 2007, 61, 1202-1206.	0.4	5
75	[¹⁸ F]FDG Uptake in the Aortic Wall Smooth Muscle of Atherosclerotic Plaques in the Simian Atherosclerosis Model. <i>BioMed Research International</i> , 2016, 2016, 1-12.	1.9	5
76	Proper cytoskeletal architecture beneath the plasma membrane of red blood cells requires α -Tubulin. <i>Molecular Biology of the Cell</i> , 2017, 28, 535-544.	2.1	5
77	Vibration analysis of single-stranded DNA-wrapped single-walled carbon nanotubes using finite element method. <i>Composites Part B: Engineering</i> , 2019, 173, 106896.	12.0	5
78	Mechanical vibration of single-walled carbon nanotubes at different lengths and carbon nanobelts by modal analysis method. <i>Composites Part C: Open Access</i> , 2020, 2, 100028.	3.2	5
79	Detection of Redox Properties of (6,5)-Enriched Single-Walled Carbon Nanotubes Using Potassium Permanganate (KMnO ₄). <i>Journal of Carbon Research</i> , 2020, 6, 30.	2.7	5
80	Unique observation method of temperature dependence of diatom floating by direct microscope. <i>Journal of Microbiological Methods</i> , 2020, 172, 105901.	1.6	5
81	A Dose-Confirmation Phase 1 Study to Evaluate the Safety and Pharmacology of Glucarpidase in Healthy Volunteers. <i>Clinical Pharmacology in Drug Development</i> , 2022, 11, 364-371.	1.6	5
82	Attenuation by ACE inhibitor drugs of α -adrenoceptor sensitivity in human vessels: possible differences related to drug lipophilicity. <i>British Journal of Clinical Pharmacology</i> , 1998, 46, 599-603.	2.4	4
83	Effects of Alteplase, a Thrombolytic Agent, in a Rat Photothrombotic Middle Cerebral Artery Occlusion Model. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2007, 36, 245-250.	0.3	4
84	Optimal conditions for decorating outer surface of single-walled carbon nanotubes with RecA proteins. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 03DF04.	1.5	4
85	Non-uniform binding of single-stranded DNA binding proteins to hybrids of single-stranded DNA and single-walled carbon nanotubes observed by atomic force microscopy in air and in liquid. <i>Applied Surface Science</i> , 2016, 388, 381-384.	6.1	4
86	A convenient method of attaching fluorescent dyes on single-walled carbon nanotubes pre-wrapped with DNA molecules. <i>Analytical Biochemistry</i> , 2018, 547, 1-6.	2.4	4
87	Various responses of single-walled carbon nanotubes with differing chirality: A suggestion for biosensing. <i>Journal of Near Infrared Spectroscopy</i> , 2020, 28, 51-56.	1.5	4
88	Analysis of vibration behavior in single strand DNA-wrapped single-walled carbon nanotubes adhered to lipid membranes. <i>Forces in Mechanics</i> , 2021, 2, 100008.	2.8	4
89	Hyperfunctioning Papillary Thyroid Carcinoma with a $\text{BRAF}^{\text{V600E}}$ Mutation: The First Case Report and a Literature Review. <i>European Thyroid Journal</i> , 2021, 10, 262-267.	2.4	4
90	Efficacy and safety of propranolol cream in infantile hemangioma: A prospective pilot study. <i>Journal of Pharmacological Sciences</i> , 2022, 149, 60-65.	2.5	4

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91	Increased cerebral infarction by cyclic flow reductions: studies in the guinea pig MCA thrombosis model. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R1578-R1583.	1.8	3
92	Atomic force microscopy imaging of dialyzed single-walled carbon nanotubes dispersed with sodium dodecyl sulfate. <i>International Journal of Smart and Nano Materials</i> , 2013, 4, 119-127.	4.2	3
93	Adsorption of DNA binding proteins to functionalized carbon nanotube surfaces with and without DNA wrapping. <i>European Biophysics Journal</i> , 2017, 46, 541-547.	2.2	3
94	Differences in dynamic behavior of single diatom cells caused by changing wavelengths. <i>Micron</i> , 2018, 108, 1-5.	2.2	3
95	Direct comparison of single- and multi-walled carbon nanotubes in fluorescence quenching phenomenon. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 03EK04.	1.5	3
96	Chirality luminescent properties of single-walled carbon nanotubes during redox reactions. <i>Optical Materials</i> , 2021, 112, 110748.	3.6	3
97	Stable Near-Infrared Photoluminescence of Single-Walled Carbon Nanotubes Dispersed Using a Coconut-Based Natural Detergent. <i>ACS Omega</i> , 2021, 6, 30708-30715.	3.5	3
98	Antithrombotic effects of KBT-3022, a novel antiplatelet agent, in an arterial thrombosis model in the guinea-pig. <i>Drug Development Research</i> , 1997, 40, 217-222.	2.9	2
99	YM337, A platelet glycoprotein IIb/IIIa antagonist, lessens photochemically-induced ischemic brain damage in monkeys. <i>Drug Development Research</i> , 1999, 47, 162-169.	2.9	2
100	Roles of Oral Bacteria in Cardiovascular Diseases – From Molecular Mechanisms to Clinical Cases: Preface. <i>Journal of Pharmacological Sciences</i> , 2010, 113, 101-102.	2.5	2
101	Protein Adsorption on Hybrids of Thermoresponsive Polymers and Single-Walled Carbon Nanotubes. <i>International Journal of Polymer Science</i> , 2016, 2016, 1-5.	2.7	2
102	Preparation of Thermoresponsive Nanostructured Surfaces for Tissue Engineering. <i>Journal of Visualized Experiments</i> , 2016, , e53465.	0.3	2
103	A fundamental study of photoluminescence modulation from DNA-wrapped single-walled carbon nanotubes. <i>European Biophysics Journal</i> , 2018, 47, 523-530.	2.2	2
104	Repair of brain damage size and recovery of neurological dysfunction after ischemic stroke are different between strains in mice: evaluation using a novel ischemic stroke model. <i>Experimental Animals</i> , 2021, 70, 344-354.	1.1	2
105	Optical Response Characteristics of Single-Walled Carbon Nanotube Chirality Exposed to Oxidants with Different Oxidizing Power. <i>Molecules</i> , 2021, 26, 1091.	3.8	2
106	Informed Consent Training with Simulated Patients for Clinical Research Coordinator Trainees. <i>Japanese Journal of Clinical Pharmacology and Therapeutics</i> , 2005, 36, 209-213.	0.1	2
107	Effect on near-infrared absorption spectra of DNA/single-walled carbon nanotube (SWNT) complexes by adsorption of a blocking reagent. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 193, 111072.	5.0	2
108	Inhibition of plasminogen suppresses fibrosis and macrophage foaming in a nonalcoholic steatohepatitis mouse model. <i>Fundamental and Clinical Pharmacology</i> , 2022, 36, 827-836.	1.9	2

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109	Variation in the responses of carbon quantum dots (CQDs) synthesized from native coconut husk and coconut husk-derived charcoal. <i>Optical Materials</i> , 2022, 131, 112739.	3.6	2
110	Direct observation of deformation of nafion surfaces induced by methanol treatment by using atomic force microscopy. <i>Applied Surface Science</i> , 2008, 254, 7980-7984.	6.1	1
111	Removal of excess polymer from a suspension containing hybrids of thermoresponsive polymer and carbon nanotubes using aggregation phenomenon. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 095003.	1.5	1
112	Comparison Study on Fluorescence Quenching Ability of DNA Wrapped Single- and Multi-Walled Carbon Nanotubes. <i>Biophysical Journal</i> , 2017, 112, 453a-454a.	0.5	1
113	Observation of Adsorption Process of Single Stranded DNA to Single-Walled Carbon Nanotubes Surfaces by Fluorescence Quenching. <i>Biophysical Journal</i> , 2017, 112, 460a.	0.5	1
114	Successful synthesis of active human coagulation factor VII by co-expression of mammalian gamma-glutamyl carboxylase and modification of vit.K cycle in <i>Drosophila Schneider S2</i> cells. <i>Cytotechnology</i> , 2017, 69, 317-327.	1.6	1
115	Platelet Aggregation Inhibitory Effects and Pharmacokinetics of Prasugrel Used in Combination With Aspirin in Healthy Japanese Subjects. <i>Clinical Pharmacology in Drug Development</i> , 2017, 6, 398-407.	1.6	1
116	Interactions of Secondary DNA and Initial DNA on Single-Walled Carbon Nanotube Surfaces Studied by Photoluminescence, Atomic Force Microscopy, and Electrophoresis. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-8.	2.7	1
117	Optical Absorption Spectroscopy of DNA-Wrapped HiPco Carbon Nanotubes. <i>Materials Science Forum</i> , 0, 943, 95-99.	0.3	1
118	Fabrication of Microscope Stage for Vertical Observation with Temperature Control Function. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	1
119	Comparison of Class II and Class III Activity of dl-Sotalol in Healthy Volunteers.. <i>International Heart Journal</i> , 1998, 39, 79-86.	0.6	1
120	In vitro analysis of mechanism of pulsed-laser thrombolysis. <i>PLoS ONE</i> , 2022, 17, e0262991.	2.5	1
121	Localization analysis of intercellular materials of living diatom cells studied by tomographic phase microscopy. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	1
122	Comparative electrophysiological effects of the antidepressants fluvoxamine and amitriptyline in the canine heart after myocardial infarction. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996, 354, 30-7.	3.0	0
123	Effects of dl-sotalol on the ventricular activation delay, functional refractory period and RT Interval in the canine heart after myocardial Infarction. <i>The Japanese Journal of Pharmacology</i> , 1998, 76, 284.	1.2	0
124	Comparative electrophysiological effects of the second generation antihistamines, astemizole and ebastine, in a canine myocardial infarction model. <i>Drug Development Research</i> , 2000, 50, 163-169.	2.9	0
125	Reduction in myocardial infarct size by YM866, a modified tissue-type plasminogen activator, after coronary artery thrombotic occlusion in rats. <i>Drug Development Research</i> , 2000, 51, 200-205.	2.9	0
126	Differences in coupling interval-dependent effects of sotalol on infarcted and noninfarcted areas of dog hearts after myocardial infarction. <i>Drug Development Research</i> , 2003, 58, 258-267.	2.9	0

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127	Novel Situations of Endothelial Injury in Stroke “ Mechanisms of Stroke and Strategy of Drug Development: Preface. Journal of Pharmacological Sciences, 2011, 116, 18-18.	2.5	0
128	Structures of hybrids of DNA and carbon nanotubes in air and in liquids. Proceedings of SPIE, 2013, , .	0.8	0
129	Fabrication of an Optical Cell Dryer for the Spectroscopic Analysis Cells. Journal of Visualized Experiments, 2019, , .	0.3	0
130	An efficient method to quantitatively detect competitive adsorption of DNA on single-walled carbon nanotube surfaces. Analytical Biochemistry, 2020, 601, 113776.	2.4	0
131	OUP accepted manuscript. Human Reproduction, 2021, 36, 3108-3121.	0.9	0
132	Elevated serum cholesterol levels after the discontinuation of imatinib in patients with chronic myeloid leukemia. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2021, 94, 2-P2-38.	0.0	0
133	Relations between endothelial damage and oral bacteria. No Junkan Taisha = Cerebral Blood Flow and Metabolism, 2015, 26, 141-143.	0.0	0
134	Development of mouse brain imaging environment using clinical 3-Tesla magnetic resonance scanner. No Junkan Taisha = Cerebral Blood Flow and Metabolism, 2016, 27, 235-241.	0.0	0
135	Evaluation of atherosclerotic lesions by BCR/ABL1 tyrosine kinase inhibitor effects in a familial typeâ...; _a model mouse.. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2020, 93, 3-P-334.	0.0	0
136	Numerical Simulation: Fluctuation in Background Synaptic Activity Regulates Synaptic Plasticity. Frontiers in Systems Neuroscience, 2021, 15, 771661.	2.5	0
137	Successful lactation in <i>Plgrkt- <i> ,="" 1-4.<="" 1-bp="" 2022,="" a="" by="" caused="" dairy="" deletion="" exon4.="" female="" i>deficient="" journal="" mice="" of="" research,="" td=""> <td>1.4</td> <td>0</td> </i>>	1.4	0