

Jianping Wang

List of Publications by Year in descending order

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154
papers

4,130
citations

101496

36
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all docs

154
docs citations

154
times ranked

3798
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Dimensional Infrared Spectroscopy of the Alanine Dipeptide in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2005, 109, 7511-7521.	1.2	192
2	Dual-frequency 2D-IR spectroscopy heterodyned photon echo of the peptide bond. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5601-5606.	3.3	146
3	Temperature-Jump Investigations of the Kinetics of Hydrogel Nanoparticle Volume Phase Transitions. <i>Journal of the American Chemical Society</i> , 2001, 123, 11284-11289.	6.6	138
4	Highly Efficient Self-Trapped Exciton Emission of a (MA) ₄ Cu ₂ Br ₆ Single Crystal. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4703-4710.	2.1	138
5	Local Structure of β -Hairpin Isotopomers by FTIR, 2D IR, and Ab Initio Theory. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7545-7555.	1.2	119
6	Vibrational Coupling, Isotopic Editing, and β -Sheet Structure in a Membrane-Bound Polypeptide. <i>Journal of the American Chemical Society</i> , 2004, 126, 5843-5850.	6.6	111
7	Vibrational Coupling between Amide-I and Amide-A Modes Revealed by Femtosecond Two Color Infrared Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2003, 107, 3384-3396.	1.1	92
8	Characteristics of the two-dimensional infrared spectroscopy of helices from approximate simulations and analytic models. <i>Chemical Physics</i> , 2004, 297, 195-219.	0.9	91
9	Anharmonicity of Amide Modes. <i>Journal of Physical Chemistry B</i> , 2006, 110, 3798-3807.	1.2	91
10	Development and Applications of a High Throughput Genotyping Tool for Polyploid Crops: Single Nucleotide Polymorphism (SNP) Array. <i>Frontiers in Plant Science</i> , 2018, 9, 104.	1.7	89
11	Organic-inorganic hybrid manganese bromine single crystal with dual-band photoluminescence from polaronic and bipolaronic excitons. <i>Nano Energy</i> , 2021, 87, 106166.	8.2	85
12	Transcriptional Profiles of Drought-Related Genes in Modulating Metabolic Processes and Antioxidant Defenses in <i>Lolium multiflorum</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 519.	1.7	81
13	Arene Control over Thiolate to Sulfinate Oxidation in Albumin by Organometallic Ruthenium Anticancer Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 6586-6594.	1.7	77
14	Superstretchable Dynamic Polymer Networks. <i>Advanced Materials</i> , 2019, 31, e1904029.	11.1	75
15	Highly Efficient Cool-White Photoluminescence of (Gua) ₃ Cu ₂ I ₅ Single Crystals: Formation and Optical Properties. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13443-13451.	4.0	63
16	Heterogeneous ice nucleation correlates with bulk-like interfacial water. <i>Science Advances</i> , 2019, 5, eaat9825.	4.7	60
17	Structure and Dynamics of Ferrocyanide and Ferricyanide Anions in Water and Heavy Water: An Insight by MD Simulations and 2D IR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14899-14912.	1.2	59
18	Temperature Jump-Induced Secondary Structural Change of the Membrane Protein Bacteriorhodopsin in the Premelting Temperature Region: A Nanosecond Time-Resolved Fourier Transform Infrared Study. <i>Biophysical Journal</i> , 1999, 76, 2777-2783.	0.2	57

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19	Comparison of the Dynamics of the Primary Events of Bacteriorhodopsin in Its Trimeric and Monomeric States. <i>Biophysical Journal</i> , 2002, 83, 1557-1566.	0.2	54
20	Two-Dimensional Infrared Spectroscopy as a Probe of the Solvent Electrostatic Field for a Twelve Residue Peptide. <i>Journal of Physical Chemistry B</i> , 2008, 112, 5930-5937.	1.2	53
21	Water-Stable Zero-Dimensional (C ₄ H ₉) ₄ NCuCl ₂ Single Crystal with Highly Efficient Broadband Green Emission. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6639-6647.	2.1	53
22	(C ₁₆ H ₂₈ N) ₂ SbCl ₅ : A new lead-free zero-dimensional metal-halide hybrid with bright orange emission. <i>Science China Materials</i> , 2022, 65, 1594-1600.	3.5	53
23	The Assignment of the Different Infrared Continuum Absorbance Changes Observed in the 3000~1800-cm ⁻¹ Region during the Bacteriorhodopsin Photocycle. <i>Biophysical Journal</i> , 2004, 87, 2676-2682.	0.2	51
24	Evolution of the structure and properties of mechanochemically synthesized pyrrolidine incorporated manganese bromide powders. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6488-6495.	2.7	49
25	Different Types of Dietary Fibers Trigger Specific Alterations in Composition and Predicted Functions of Colonic Bacterial Communities in BALB/c Mice. <i>Frontiers in Microbiology</i> , 2017, 8, 966.	1.5	47
26	Pure White Emission with 91.9% Photoluminescence Quantum Yield of [(C ₃ H ₇) ₄ N] ₂ Cu ₂ I ₄ out of Polaronic States and Ultra-High Color Rendering Index. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12395-12403.	4.0	47
27	Mining sequence variations in representative polyploid sugarcane germplasm accessions. <i>BMC Genomics</i> , 2017, 18, 594.	1.2	46
28	Hydration Dynamics of Cyanoferrate Anions Examined by Ultrafast Infrared Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2014, 118, 3104-3114.	1.2	44
29	Bulk assembly of a 0D organic antimony chloride hybrid with highly efficient orange dual emission by self-trapped states. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12184-12190.	2.7	43
30	Time-Resolved Fourier Transform Infrared Spectroscopy of the Polarizable Proton Continua and the Proton Pump Mechanism of Bacteriorhodopsin. <i>Biophysical Journal</i> , 2001, 80, 961-971.	0.2	42
31	Influence of Solvent Polarity and Hydrogen Bonding on the Electronic Transition of Coumarin 120: A TDDFT Study. <i>ChemPhysChem</i> , 2008, 9, 1593-1602.	1.0	42
32	Development of an Axiom Sugarcane100K SNP array for genetic map construction and QTL identification. <i>Theoretical and Applied Genetics</i> , 2019, 132, 2829-2845.	1.8	41
33	Natural Allelic Variations in Highly Polyploidy <i>Saccharum</i> Complex. <i>Frontiers in Plant Science</i> , 2016, 7, 804.	1.7	40
34	Construction of a prediction model for body dimensions used in garment pattern making based on anthropometric data learning. <i>Journal of the Textile Institute</i> , 2017, 108, 2107-2114.	1.0	40
35	The Effect of Protein Conformation Change from $\hat{I}\pm II$ to $\hat{I}\pm I$ on the Bacteriorhodopsin Photocycle. <i>Biophysical Journal</i> , 2000, 78, 2031-2036.	0.2	39
36	Coupling between C ¹³ D and CO motions using dual-frequency 2D IR photon echo spectroscopy. <i>Chemical Physics Letters</i> , 2006, 432, 122-127.	1.2	37

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37	Vanadate oxidative and apoptotic effects are mediated by the MAPK-Nrf2 pathway in layer oviduct magnum epithelial cells. <i>Metallomics</i> , 2017, 9, 1562-1575.	1.0	37
38	Conformational Dependence of Anharmonic Vibrations in Peptides: Amide-I Modes in Model Dipeptide. <i>Journal of Physical Chemistry B</i> , 2008, 112, 4790-4800.	1.2	36
39	Two-Dimensional Infrared Spectroscopy Displays Signatures of Structural Ordering in Peptide Aggregates. <i>Biophysical Journal</i> , 2006, 90, 4672-4685.	0.2	35
40	Molecular mechanics force field-based map for peptide amide-I mode in solution and its application to alanine di- and tripeptides. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 9149.	1.3	34
41	Bulk Assembly of Zero-Dimensional Organic Copper Bromide Hybrid with Bright Self-Trapped Exciton Emission and High Antiwater Stability. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20014-20021.	1.5	33
42	Ultrafast two-dimensional infrared spectroscopy for molecular structures and dynamics with expanding wavelength range and increasing sensitivities: from experimental and computational perspectives. <i>International Reviews in Physical Chemistry</i> , 2017, 36, 377-431.	0.9	32
43	Effect of dietary 25-hydroxycholecalciferol supplementation and high stocking density on performance, egg quality, and tibia quality in laying hens. <i>Poultry Science</i> , 2020, 99, 2608-2615.	1.5	31
44	Integrated omics data of two annual ryegrass (<i>Lolium multiflorum</i> L.) genotypes reveals core metabolic processes under drought stress. <i>BMC Plant Biology</i> , 2018, 18, 26.	1.6	30
45	Zearalenone Induces Apoptosis and Cytoprotective Autophagy in Chicken Granulosa Cells by PI3K-AKT-mTOR and MAPK Signaling Pathways. <i>Toxins</i> , 2021, 13, 199.	1.5	30
46	Green tea polyphenol epigallocatechin-3-gallate improves the antioxidant capacity of eggs. <i>Food and Function</i> , 2020, 11, 534-543.	2.1	29
47	Assessment of the amide-I local modes in β^3 - and β^2 -turns of peptides. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 5310.	1.3	28
48	Understanding the Amide-II Vibrations in β^2 -Peptides. <i>Journal of Physical Chemistry B</i> , 2015, 119, 14831-14839.	1.2	28
49	Alteration of the Antioxidant Capacity and Gut Microbiota under High Levels of Molybdenum and Green Tea Polyphenols in Laying Hens. <i>Antioxidants</i> , 2019, 8, 503.	2.2	27
50	Time-resolved Fourier-transform infrared and visible luminescence spectroscopy of photoexcited porous silicon. <i>Physical Review B</i> , 1999, 59, 5026-5031.	1.1	25
51	Ab Initio-Based All-Mode Two-Dimensional Infrared Spectroscopy of a Sugar Molecule. <i>Journal of Physical Chemistry B</i> , 2007, 111, 9193-9196.	1.2	25
52	Dietary administration of resistant starch improved caecal barrier function by enhancing intestinal morphology and modulating microbiota composition in meat duck. <i>British Journal of Nutrition</i> , 2020, 123, 172-181.	1.2	24
53	Effect of benzoic acid on production performance, egg quality, intestinal morphology, and cecal microbial community of laying hens. <i>Poultry Science</i> , 2021, 100, 196-205.	1.5	24
54	Dual self-trapped exciton emission of (TBA) ₂ Cu ₂ I ₄ : optical properties and high anti-water stability. <i>Journal of Materials Chemistry C</i> , 2021, 9, 16014-16021.	2.7	24

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55	Correlated High-Frequency Molecular Motions in Neat Liquid Probed with Ultrafast Overtone Two-Dimensional Infrared Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3665-3670.	2.1	23
56	Effect of organic acids on growth performance, intestinal morphology, and immunity of broiler chickens with and without coccidial challenge. <i>AMB Express</i> , 2021, 11, 140.	1.4	23
57	Dietary 25-hydroxyvitamin D improves intestinal health and microbiota of laying hens under high stocking density. <i>Poultry Science</i> , 2021, 100, 101132.	1.5	22
58	Amide-I Characteristics of Helical β -Peptides by Linear Infrared Measurement and Computations. <i>Journal of Physical Chemistry B</i> , 2014, 118, 94-106.	1.2	21
59	Molecular marker development from transcript sequences and germplasm evaluation for cultivated peanut (<i>Arachis hypogaea</i> L.). <i>Molecular Genetics and Genomics</i> , 2016, 291, 363-381.	1.0	21
60	Bulk assembly of a 0D organic tin(II)chloride hybrid with high anti-water stability. <i>Chemical Communications</i> , 2021, 57, 8162-8165.	2.2	21
61	Uncovering the Sensitivity of Amide-II Vibration to Peptide-Ion Interactions. <i>Journal of Physical Chemistry B</i> , 2016, 120, 9590-9598.	1.2	20
62	The impact of dietary supplementation of different feed additives on performances of broiler breeders characterized by different egg-laying rate. <i>Poultry Science</i> , 2019, 98, 6091-6099.	1.5	20
63	Organic Selenium Increased Gilts Antioxidant Capacity, Immune Function, and Changed Intestinal Microbiota. <i>Frontiers in Microbiology</i> , 2021, 12, 723190.	1.5	20
64	Interaction between Metal Cation and Unnatural Peptide Backbone Mediated by Polarized Water Molecules: Study of Infrared Spectroscopy and Computations. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12336-12347.	1.2	19
65	Efficient Vibrational Energy Transfer through Covalent Bond in Indigo Carmine Revealed by Nonlinear IR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2017, 121, 9411-9421.	1.2	19
66	Impact of Dietary Manganese on Intestinal Barrier and Inflammatory Response in Broilers Challenged with <i>Salmonella Typhimurium</i> . <i>Microorganisms</i> , 2020, 8, 757.	1.6	19
67	miR-23b-3p inhibits chicken granulosa cell proliferation and steroid hormone synthesis via targeting GDF9. <i>Theriogenology</i> , 2022, 177, 84-93.	0.9	19
68	Differentiating Subtle Variation of Weak Intramolecular Hydrogen Bond in Vicinal Diols by Linear Infrared Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2009, 113, 6070-6076.	1.1	18
69	Highly Efficient Broadband Green Emission of (TPA) CuCl_2 Single Crystals: Understanding the Formation of Self-Trapped States. <i>Journal of Physical Chemistry C</i> , 2022, 126, 8545-8552.	1.5	18
70	Chain-length and mode-delocalization dependent amide-I anharmonicity in peptide oligomers. <i>Journal of Chemical Physics</i> , 2012, 136, 214112.	1.2	17
71	Two-Dimensional Infrared Study of ^{13}C -Natural Abundant Vibrational Transition Reveals Intramolecular Vibrational Redistribution Rather than Fluxional Exchange in $\text{Mn}(\text{CO})_5\text{Br}$. <i>Journal of Physical Chemistry B</i> , 2016, 120, 1304-1311.	1.2	17
72	Target enrichment sequencing in cultivated peanut (<i>Arachis hypogaea</i> L.) using probes designed from transcript sequences. <i>Molecular Genetics and Genomics</i> , 2017, 292, 955-965.	1.0	17

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73	General Applicable Frequency Map for the Amide-I Mode in $\hat{\nu}^2$ -Peptides. <i>Journal of Physical Chemistry B</i> , 2016, 120, 1069-1079.	1.2	16
74	Vibrational Characterization of Two-Dimensional Graphdiyne Sheets. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21430-21438.	1.5	16
75	The Effect of Metal Cation Binding on the Protein, Lipid and Retinal Isomeric Ratio in Regenerated Bacteriorhodopsin of Purple Membrane. <i>Photochemistry and Photobiology</i> , 2001, 73, 564.	1.3	15
76	Refolding of Thermally Denatured Bacteriorhodopsin in Purple Membrane. <i>Journal of Physical Chemistry B</i> , 2002, 106, 723-729.	1.2	15
77	Efficient Intramolecular Vibrational Excitonic Energy Transfer in $\text{Ru}^{3+}(\text{CO})_{12}$ Cluster Revealed by Two-Dimensional Infrared Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2018, 122, 1296-1305.	1.2	15
78	EST-SSR marker characterization based on RNA-sequencing of <i>Lolium multiflorum</i> and cross transferability to related species. <i>Molecular Breeding</i> , 2018, 38, 1.	1.0	15
79	Direct Observation of Surface Polarons in Capped CuInS_2 Quantum Dots by Ultrafast Pump-Probe Spectroscopies. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5297-5301.	2.1	15
80	Non-Native Side Chain IR Probe in Peptides: Ab Initio Computation and 1D and 2D IR Spectral Simulation. <i>Journal of Physical Chemistry B</i> , 2010, 114, 2327-2336.	1.2	14
81	Spectroscopic Evidence for Polymorphic Aggregates Formed by Amyloid β Fragments. <i>ChemPhysChem</i> , 2012, 13, 3901-3908.	1.0	14
82	Dissecting Amide-I Vibration in $\hat{\nu}^2$ -Peptide Helices. <i>Journal of Physical Chemistry B</i> , 2015, 119, 3387-3397.	1.2	14
83	Dielectric polarization effect and transient relaxation in FAPbBr_3 films before and after PMMA passivation. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 10153-10163.	1.3	14
84	Dietary tributyrin improves reproductive performance, antioxidant capacity, and ovary function of broiler breeders. <i>Poultry Science</i> , 2021, 100, 101429.	1.5	14
85	Identifying genomic regions controlling ratoon stunting disease resistance in sugarcane (<i>Saccharum</i>) Tj ETQq1 1 0.784314 rgBT /Ove 2,3 14	1.0	14
86	Fourier Transform Infrared Study of the Effect of Different Cations on Bacteriorhodopsin Protein Thermal Stability. <i>Biophysical Journal</i> , 2002, 82, 1598-1606.	0.2	13
87	Anharmonic overtone and combination states of glycine and two model peptides examined by vibrational self-consistent field theory. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 2001-2013.	1.3	13
88	Ultrafast vibrational and structural dynamics of dimeric cyclopentadienyliron dicarbonyl examined by infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14542-14550.	1.3	13
89	Comparative proteomic analyses reveal the proteome response to short-term drought in Italian ryegrass (<i>Lolium multiflorum</i>). <i>PLoS ONE</i> , 2017, 12, e0184289.	1.1	13
90	Ultrafast Excited-State Intermolecular Proton Transfer in Indigo Oligomer. <i>Journal of Physical Chemistry A</i> , 2019, 123, 6463-6471.	1.1	13

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91	Fecal bacteria and metabolite responses to dietary lysozyme in a sow model from late gestation until lactation. <i>Scientific Reports</i> , 2020, 10, 3210.	1.6	13
92	Micellar and bicontinuous microemulsion structures show different solute-solvent interactions: a case study using ultrafast nonlinear infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19938-19949.	1.3	12
93	Proton Polarizability of Hydrogen-Bonded Network and its Role in Proton Transfer in Bacteriorhodopsin. <i>Journal of Physical Chemistry A</i> , 2000, 104, 4333-4337.	1.1	11
94	Multiple Anharmonic Vibrational Probes of Sugar Structure and Dynamics. <i>Journal of Physical Chemistry B</i> , 2009, 113, 1681-1692.	1.2	11
95	Amide Vibrations and Their Conformational Dependences in β -Peptide. <i>Journal of Physical Chemistry B</i> , 2010, 114, 16011-16019.	1.2	11
96	Simultaneously Probing Two Ultrafast Condensed-Phase Molecular Symmetry Breaking Events by Two-Dimensional Infrared Spectroscopy. <i>ChemPhysChem</i> , 2013, 14, 2497-2504.	1.0	11
97	Photoisomerization and structural dynamics of two nitrosylruthenium complexes: a joint study by NMR and nonlinear IR spectroscopies. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 24045-24054.	1.3	11
98	Effect of graded calcium supplementation in low-nutrient density feed on tibia composition and bone turnover in meat ducks. <i>British Journal of Nutrition</i> , 2018, 120, 1217-1229.	1.2	11
99	Ultrafast Intermolecular Vibrational Energy Transfer in Hexahydro-1,3,5-trinitro-1,3,5-triazine in Molecular Crystal by 2D IR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2020, 124, 2388-2398.	1.5	11
100	Glucose activates the primordial follicle through the AMPK/mTOR signaling pathway. <i>Clinical and Translational Medicine</i> , 2020, 10, e122.	1.7	11
101	Fibromodulin is involved in autophagy and apoptosis of granulosa cells affecting the follicular atresia in chicken. <i>Poultry Science</i> , 2022, 101, 101524.	1.5	11
102	Influence of an Unnatural Amino Acid Side Chain on the Conformational Dynamics of Peptides. <i>ChemPhysChem</i> , 2012, 13, 1522-1534.	1.0	10
103	Structural Dynamics of <i>N</i> -Propionyl-D-glucosamine Probed by Infrared Spectroscopies and Ab Initio Computations. <i>Journal of Physical Chemistry A</i> , 2013, 117, 6105-6115.	1.1	10
104	Central-metal effect on intramolecular vibrational energy transfer of $M(\text{CO})_5\text{Br}$ ($M = \text{Mn}$). <i>J. Phys. Chem. B</i> , 2000, 104, 3637-3647.	1.3	10
105	Tandem mass tag-based quantitative proteomics analysis and gelling properties in egg albumen of laying hens feeding tea polyphenols. <i>Poultry Science</i> , 2020, 99, 430-440.	1.5	10
106	Dietary resveratrol improved production performance, egg quality, and intestinal health of laying hens under oxidative stress. <i>Poultry Science</i> , 2022, 101, 101886.	1.5	10
107	Ultrafast Structural Dynamics of Biomolecules Examined by Multiple-Mode 2D IR Spectroscopy: Anharmonically Coupled Motions are in Harmony. <i>ChemPhysChem</i> , 2009, 10, 2242-2250.	1.0	9
108	π -Conjugated Carbon Radicals at Graphene Oxide to Initiate Ultrastrong Chemiluminescence. <i>Angewandte Chemie</i> , 2014, 126, 10273-10277.	1.6	9

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109	A novel method for determining skin deformation of lower limb in cycling. <i>Journal of the Textile Institute</i> , 2017, 108, 1600-1608.	1.0	9
110	Time-Resolved Long-Lived Infrared Emission from Bacteriorhodopsin during its Photocycle. <i>Biophysical Journal</i> , 2002, 83, 1589-1594.	0.2	8
111	Dynamical Structures of Glycol and Ethanedithiol Examined by Infrared Spectroscopy, Ab Initio Computation, and Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1175-1187.	1.2	8
112	Direct Anionic Effect on Water Structure and Indirect Anionic Effect on Peptide Backbone Hydration State Revealed by Thin-Layer Infrared Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2018, 122, 68-76.	1.2	8
113	Solvent-dependent structural dynamics of an azido-platinum complex revealed by linear and nonlinear infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 9984-9996.	1.3	8
114	Intensified C=O Stretching Vibrator and Its Potential Role in Monitoring Ultrafast Energy Transfer in 2D Carbon Material by Nonlinear Vibrational Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1402-1410.	2.1	8
115	Filamin C regulates skeletal muscle atrophy by stabilizing dishevelled-2 to inhibit autophagy and mitophagy. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 147-164.	2.3	8
116	Structurally Sensitive Anharmonic C-H Stretch Vibration in Deuterated Peptides. <i>Journal of Physical Chemistry B</i> , 2009, 113, 1813-1816.	1.2	7
117	Effects of dietary nanocrystalline cellulose supplementation on growth performance, carcass traits, intestinal development and lipid metabolism of meat ducks. <i>Animal Nutrition</i> , 2016, 2, 192-197.	2.1	7
118	Linear and Nonlinear Infrared Spectroscopies Reveal Detailed Solute-Solvent Dynamic Interactions of a Nitrosyl Ruthenium Complex in Solution. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9225-9235.	1.2	7
119	Ultrafast Vibrational Energy Transfer through the Covalent Bond and Intra- and Intermolecular Hydrogen Bonds in a Supramolecular Dimer by Two-Dimensional Infrared Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2020, 124, 544-555.	1.2	7
120	Effect of 25-Hydroxycholecalciferol with Different Vitamin D3 Levels in the Hens Diet in the Rearing Period on Growth Performance, Bone Quality, Egg Production, and Eggshell Quality. <i>Agriculture (Switzerland)</i> , 2021, 11, 698.	1.4	7
121	Dietary phosphorus deficiency impaired growth, intestinal digestion and absorption function of meat ducks. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 1897-1906.	2.4	7
122	Direct observation of charge-transfer dynamics in a conjugated conducting polymer poly(3-octylthiophene)-fullerene composite by time-resolved infrared spectroscopy. <i>Physical Review B</i> , 2001, 64, .	1.1	6
123	Conformational dependence of anharmonic NH stretch vibration in peptides. <i>Chemical Physics Letters</i> , 2009, 467, 375-380.	1.2	6
124	Selectively Probing the Structures and Dynamics of β -Peptide Aggregates Using the Amide-A Vibrational Marker. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15451-15459.	1.2	6
125	Microbial Mechanistic Insights into the Role of Sweet Potato Vine on Improving Health in Chinese Meishan Gilt Model. <i>Animals</i> , 2019, 9, 632.	1.0	6
126	Effects of commercial premix vitamin level on sternum growth, calcification and carcass traits in meat duck. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 53-63.	1.0	6

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127	Dietary supplementation of 25-hydroxycholecalciferol increases tibial mass by suppression bone resorption in meat ducks. <i>Animal Nutrition</i> , 2020, 6, 467-479.	2.1	6
128	Characterization of the Intestinal Microbiota of Broiler Breeders With Different Egg Laying Rate. <i>Frontiers in Veterinary Science</i> , 2020, 7, 599337.	0.9	6
129	Serum trimethylamine-N-oxide and gut microbiome alterations are associated with cholesterol deposition in the liver of laying hens fed with rapeseed meal. <i>Animal Nutrition</i> , 2021, 7, 1258-1270.	2.1	6
130	Alleviating effect of dietary supplementation of benzoic acid, <i>Enterococcus faecium</i> and essential oil complex on coccidia and <i>Clostridium perfringens</i> challenge in laying hens. <i>Poultry Science</i> , 2022, 101, 101720.	1.5	6
131	Innovative method for creating fitted brassiere wire prototype based on transformation matrix algorithm. <i>Journal of the Textile Institute</i> , 2018, 109, 73-78.	1.0	5
132	Effect of Sweet Potato Vine on the Onset of Puberty and Follicle Development in Chinese Meishan Gilts. <i>Animals</i> , 2019, 9, 297.	1.0	5
133	Effects of Dietary Iron on Manganese Utilization in Broilers Fed with Corn-Soybean Meal Diet. <i>Biological Trace Element Research</i> , 2020, 194, 514-524.	1.9	5
134	Excited-state photophysical processes in a molecular system containing perylene bisimide and zinc porphyrin chromophores. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 20891-20900.	1.3	5
135	Structural dynamics of N-ethylpropionamide clusters examined by nonlinear infrared spectroscopy. <i>Journal of Chemical Physics</i> , 2015, 143, 185102.	1.2	4
136	Differentiating Two Nitrosylruthenium Isomeric Complexes by Steady-State and Ultrafast Infrared Spectroscopies. <i>Journal of Physical Chemistry B</i> , 2016, 120, 11502-11509.	1.2	4
137	Ultrafast intramolecular vibrational energy transfer in carbon nitride hydrocolloid examined by femtosecond two-dimensional infrared spectroscopy. <i>Journal of Chemical Physics</i> , 2019, 150, 194703.	1.2	4
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